

### Safety Data Sheet

According to SOR/2015-17, Hazardous Products Regulations (HPR) (amended 2022) & According to 29 CFR § 1910.1200, Hazard Communication Standard (HCS) (amended 2024)
Issue date: 07/29/2024 Revision date: 11/04/2025 Supersedes: 07/29/2024 Version: 2.0

### SECTION 1 Identification

### 1.1. GHS Product identifier

Product form : Mixture

Product name : Zinc Rich Cold Galvanizing

: 4087-03 Product code Vaporizer : Aerosol

### 1.2. Other means of identification

No additional information available

### 1.3. Recommended use of the chemical and restrictions on use

Recommended use : Rustproof for metal surfaces.

### 1.4. Supplier's details

### Supplier

Nu-Calgon

2611 Schuetz Road

St. Louis, MO

63043

US

T 314-469-7000 / 800-554-5499

www.nucalgon.com

### 1.5. Emergency phone number

: 1-800-424-9300 (CHEMTREC) **Emergency number** 

### SECTION 2 Hazard identification

### 2.1. Classification of the substance or mixture

### Classification (GHS CA/US)

Aerosol, Category 1

Serious eye damage/eye irritation, Category 2A

Skin sensitization, Category 1

Carcinogenicity, Category 1A

Reproductive toxicity, Category 2

Specific target organ toxicity - Single exposure, Category 3, Narcosis

Specific target organ toxicity, Repeated exposure, Category 1

Aspiration hazard, Category 1

Extremely flammable aerosol. Pressurized container; may burst

if heated.

Causes serious eye irritation.

May cause an allergic skin reaction.

May cause cancer.

Suspected of damaging fertility or the unborn child.

May cause drowsiness or dizziness.

Causes damage to organs through prolonged or repeated

exposure.

May be fatal if swallowed and enters airways.

### 2.2. GHS label elements, including precautionary statements

### GHS CA/US labeling

Hazard pictograms (GHS CA/US)







Signal word (GHS CA/US) : Danger

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Hazard statements (GHS CA/US) : Extremely flammable aerosol

Pressurized container; may burst if heated May be fatal if swallowed and enters airways

May cause an allergic skin reaction Causes serious eye irritation May cause drowsiness or dizziness

May cause cancer.

Suspected of damaging fertility or the unborn child

Causes damage to organs through prolonged or repeated exposure.

Precautionary statements (GHS CA/US) : Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Do not spray on an open flame or other ignition source.

Do not pierce or burn, even after use.

Do not breathe spray.

Wash hands, forearms and face thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area.

Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, protective clothing, eye protection, face protection.

IF exposed or concerned: Get medical advice or attention.

IF SWALLOWED: Immediately call a POISON CENTER or a doctor.

Do NOT induce vomiting.

IF ON SKIN: Wash with plenty of water.

Take off contaminated clothing and wash it before reuse.

If skin irritation or rash occurs: Get medical advice or attention.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER or a doctor if you feel unwell.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present

and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice or attention.

Specific treatment (see supplemental first aid instruction on this label).

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Dispose of contents and container to a hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation.

### 2.3. Other hazards which do not result in classification

No additional information available

### **SECTION 3 Composition/information on ingredients**

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%
Acetone	acetone, propan-2-one, propanone Dimethyl ketone / 2-Propanone / ACETONE / Propan-2-one / Propanone	CAS-No.: 67-64-1	15 - 40

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Name	Chemical name / Synonyms	Product identifier	%
Zinc	C.I. Pigment Black 16 / C.I. Pigment Metal 6 / Zinc (metallic) / Zinc powder - zinc dust (pyrophoric) / Zinc powder - zinc dust (stabilised) / Pigment Black 16 / ZINC / zinc / Zinc powder	CAS-No.: 7440-66-6	10 - 30
Propane	propane Normal propane / PROPANE / n- Propane / R290 / R-290	CAS-No.: 74-98-6	10 - 30
n-Butane	butane Butane / BUTANE	CAS-No.: 106-97-8	5 - 10
Petroleum distillates, hydrotreated light	Hydrotreated light distillate / Kerosene, hydrotreated / Petroleum distillates, hydrotreated light (A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C9-16 and boiling in the range of approximately 150-290°C.) / Odorless light petroleum hydrocarbons / c13-14 isoparaffin / Destillate (Erdöl), mit Wasserstoff behandelt leichte (C9-14 Aliphaten) / Light Aliphatic Hydrocarbon / Distillates, petroleum, hydrotreated light	CAS-No.: 64742-47-8	5 - 10
Talc (Mg3H2(SiO3)4)	Talc / Magnesium silicate / Talc (containing no asbestos fibers) / Talc (containing no asbestos) / Talc not containing asbestiform fibres / Talc, not containing asbestos / Talc, containing asbestos / Talc, containing no asbestos fibres / Talc (nonasbestos form) / Talc (nonasbestos form) / Talc, non-fibrous type / Talc, non fibrous / Talc (containing no asbestos fibres) / Non-asbestiform talc / Talc (not containing asbestos) / C.I. 77718 / TALC / Trimagnesium tetrasilicon undecaoxide hydrate / Talc, non-asbestiform / Talc, non-fibrous / Pigment White 26 / Magnesium silicate, hydrous / Talc, not containing mineral fibers (including asbestos) / Asbestiform talc / Talc powder	CAS-No.: 14807-96-6	1 - 5

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Name	Chemical name / Synonyms	Product identifier	%
Toluene	Toluene Benzene, methyl- / Methylbenzene / Phenylmethane / TOLUENE	CAS-No.: 108-88-3	1 - 5
Xylenes (o-, m-, p- isomers)	Benzene, dimethyl- / Dimethylbenzene (mixed isomers) / Xylene / Xylene (all isomers) / Xylene (mixed isomers) / Xylene (o-, m-, p- isomers) / Xylenes / Xylenes (mixed isomers) / Dimethylbenzene / Xylol / Benzene, dimethyl-, mixed isomers / XYLENE / Dimethylbenzenes / Xylene isomers mixture / Dimethylbenzene (2-, 3-, 4- isomers) / Dimethylbenzene (mixed 2-, 3-, 4-isomers) / C8 Disubstituted benzenes / Xylene, mixed isomers / Xylenes (meta-, ortho-, para-) / Xylene (mixture), including m-xylene, o-xylene, p- xylene / Xylene (o-,m-,p- isomer mixture)	CAS-No.: 1330-20-7	0.1 - 1
Ethylbenzene	Benzene, ethyl- / Phenylethane / ETHYLBENZENE	CAS-No.: 100-41-4	0.1 - 1
2-Butanone, oxime	2-butanone oxime, ethyl methyl ketoxime, ethyl methyl ketone oxime Methyl ethyl ketoxime / Butan-2-one oxime / Butanone oxime / Ethyl methyl ketoxime / 2-Butanone oxime / Ethyl methyl ketone oxime / MEKO / 2-Butanonoxime / 2-Butanone oixme	CAS-No.: 96-29-7	0.1 - 1

Comments

CANADA GHS: The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with the amended HPR as of December 2022.
 US GHS: The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

### **SECTION 4 First-aid measures**

### 4.1. Description of necessary first-aid measures

First-aid measures after inhalation : IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.

First-aid measures after skin contact : IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical help.

: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice and attention.

: IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting. If vomiting occurs have person lean forward. Never give anything by mouth to an unconscious person.

First-aid measures after ingestion

First-aid measures after eye contact

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First-aid measures general : If you feel unwell, seek medical advice (show the label where possible). Medical personnel

should be made aware of substance(s) involved and take measures for self protection. Show this safety data sheet to the doctor in attendance. Avoid contact with skin and eyes. Keep out of the

reach of children.

### 4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation : Prolonged inhalation may be harmful. May cause drowsiness or dizziness.

Symptoms/effects after skin contact : Prolonged or repeated contact may dry skin and cause irritation. May cause an allergic skin

reaction.

Symptoms/effects after eye contact : Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and

blurred vision.

Symptoms/effects after ingestion : May be fatal if swallowed and enters airways. Aspiration of the product into the lungs may cause

very serious pneumonia. May cause stomach distress, nausea or vomiting.

Chronic symptoms : May cause cancer. Suspected of damaging fertility or the unborn child. Causes damage to

organs through prolonged or repeated exposure.

### 4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Symptoms may be delayed. Treat symptomatically.

### **SECTION 5 Fire-fighting measures**

### 5.1. Suitable extinguishing media

Suitable extinguishing media : Dry chemical powder. Carbon dioxide. Water spray.

Unsuitable extinguishing media : Do not use a water jet since it may cause the fire to spread.

### 5.2. Specific hazards arising from the chemical

Fire hazard : Extremely flammable aerosol. During fire, gases hazardous to health may be formed. In case of

fire or explosion do not breathe fumes.

Explosion hazard : Pressurized container: may burst if heated. No direct explosion hazard.

Hazardous decomposition products in case of fire : May include and are not limited to: oxides of carbon.

### 5.3. Special protective actions for fire-fighters

Firefighting instructions : In case of fire: Stop leak if safe to do so. Do not enter fire area without proper protective

equipment, including respiratory protection. Move containers from fire area if it can be done

without personal risk.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing

apparatus. Complete protective clothing.

### **SECTION 6 Accidental release measures**

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : In the event of a significant spillage : Notify authorities if product enters sewers or public waters.

Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.

sawdust, a universal binder, silica gel). Clean contaminated surfaces with an excess of water.

Environmental precautions : Avoid release to the environment. Notify authorities if product enters sewers or public waters.

### 6.2. Methods and materials for containment and cleaning up

For containment : Stop leaks if it can be done without personal risk. Contain any spills with dikes or absorbents to

prevent migration and entry into sewers or streams.

Methods for cleaning up : Notify authorities if product enters sewers or public waters. Pick up spilled material and collect it in a suitable container for disposal. . Soak up with inert absorbent material (for example sand,

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Other information : This material and its container must be disposed of in a safe way, and as per local legislation.

For further information refer to section 13

### **SECTION 7 Handling and storage**

### 7.1. Precautions for safe handling

Precautions for safe handling : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition

sources. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Provide local exhaust or general room ventilation. Wear personal protective equipment. Do not breathe spray. Avoid contact with skin

and eyes. Do not taste or swallow.

Hygiene measures : Do not eat, drink or smoke when us

Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Take off immediately all contaminated clothing and wash it before reuse. Contaminated

work clothing should not be allowed out of the workplace.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep out of reach of children. Store this product upright in a cool, dry area, away from direct sunlight and heat. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122

°F. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of

the SDS). Store locked up.

Packaging materials : Store always product in container of same material as original container.

### SECTION 8 Exposure controls/personal protection

### 8.1. Control parameters

Acetone (67-64-1)		
Canada (Alberta) - Occupational Exposure Limits		
OEL TWA	1200 mg/m³	
	500 ppm	
OEL STEL	1800 mg/m³	
	750 ppm	
Regulatory reference	Alberta Regulation 191/2021	
Canada (Quebec) - Occupational Exposure Limits		
VECD (OEL STEV)	2380 mg/m³	
	1000 ppm	
VEMP (OEL TWAEV)	1190 mg/m³	
	500 ppm	
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety	
Canada (British Columbia) - Occupational Exposure Limits		
OEL TWA	250 ppm	
OEL STEL	500 ppm	

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Acetone (67-64-1)		
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)	
Canada (Manitoba) - Occupational Exposure Limits		
OEL TWA	250 ppm	
OEL STEL	500 ppm	
Notations and remarks	TLV® Basis: URT & eye irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI	
Regulatory reference	ACGIH 2025	
Canada (New Brunswick) - Occupational Exposure	Limits	
OEL TWA	250 ppm	
OEL STEL	500 ppm	
Notations and remarks	eye irr; CNS impair; BEI	
Canada (Newfoundland and Labrador) - Occupation	nal Exposure Limits	
OEL TWA	250 ppm	
OEL STEL	500 ppm	
Notations and remarks	TLV® Basis: URT & eye irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI	
Regulatory reference	ACGIH 2025	
Canada (Nova Scotia) - Occupational Exposure Lim	its	
OEL TWA	250 ppm	
OEL STEL	500 ppm	
Notations and remarks	TLV® Basis: URT & eye irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI	
Regulatory reference	ACGIH 2025	
Canada (Nunavut) - Occupational Exposure Limits		
OEL TWA	500 ppm	
OEL STEL	750 ppm	
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)	
Canada (Northwest Territories) - Occupational Exposure Limits		
OEL TWA	500 ppm	
OEL STEL	750 ppm	
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-090-2024)	
Canada (Ontario) - Occupational Exposure Limits		
OEL TWAEV	250 ppm	
	500 ppm	
Regulatory reference	Ontario Occuational Exposure Limits under Regulation 833	
Canada (Prince Edward Island) - Occupational Expo	osure Limits	
OEL TWA	250 ppm	

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Acetone (67-64-1)		
OEL STEL	500 ppm	
Notations and remarks	TLV® Basis: URT & eye irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI	
Regulatory reference	ACGIH 2025	
Canada (Saskatchewan) - Occupational Exposure L	imits	
OEL TWA	500 ppm	
OEL STEL	750 ppm	
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10	
Canada (Yukon) - Occupational Exposure Limits		
OEL TWA	2400 mg/m³	
	1000 ppm	
OEL STEL	3000 mg/m³	
	1250 ppm	
USA - ACGIH - Occupational Exposure Limits		
ACGIH OEL TWA	250 ppm	
ACGIH OEL STEL	500 ppm	
Remark (ACGIH)	TLV® Basis: URT & eye irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI	
ACGIH chemical category	Not Classifiable as a Human Carcinogen	
Regulatory reference	ACGIH 2025	
USA - ACGIH - Biological Exposure Indices		
Local name	Acetone	
BEI	25 mg/l Parameter: Acetone - Medium: urine - Sampling time: end of shift (nonspecific)	
Regulatory reference	ACGIH 2025	
USA - OSHA - Occupational Exposure Limits		
OSHA PEL TWA	2400 mg/m³	
	1000 ppm	
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1	
Propane (74-98-6)		
Canada (Alberta) - Occupational Exposure Limits		
OEL TWA	1000 ppm	
Regulatory reference	Alberta Regulation 191/2021	
Canada (Quebec) - Occupational Exposure Limits	Canada (Quebec) - Occupational Exposure Limits	
Notations and remarks	Simple asphyxiant. EX	
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety	

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Propane (74-98-6)		
Canada (British Columbia) - Occupational Exposure Limits		
Notations and remarks	Simple asphyxiant. EX (the substance is a flammable asphyxiant or excursions above the exposure limit could approach 10% of the lower explosive limit)	
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)	
Canada (Manitoba) - Occupational Exposure Limits		
Notations and remarks	TLV® Basis: Asphyxia	
Regulatory reference	ACGIH 2025	
Canada (Newfoundland and Labrador) - Occupation	nal Exposure Limits	
Notations and remarks	TLV® Basis: Asphyxia	
Regulatory reference	ACGIH 2025	
Canada (Nova Scotia) - Occupational Exposure Lim	its	
Notations and remarks	TLV® Basis: Asphyxia	
Regulatory reference	ACGIH 2025	
Canada (Nunavut) - Occupational Exposure Limits		
OEL TWA	1000 ppm	
OEL STEL	1250 ppm	
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)	
Canada (Northwest Territories) - Occupational Expo	osure Limits	
OEL TWA	1000 ppm	
OEL STEL	1250 ppm	
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-090-2024)	
Canada (Ontario) - Occupational Exposure Limits		
Notations and remarks	See Appendix F: Minimal Oxygen Content	
Regulatory reference	Ontario Occuational Exposure Limits under Regulation 833	
Canada (Prince Edward Island) - Occupational Exposure Limits		
Notations and remarks	TLV® Basis: Asphyxia	
Regulatory reference	ACGIH 2025	
Canada (Saskatchewan) - Occupational Exposure Limits		
OEL TWA	1000 ppm	
OEL STEL	1250 ppm	
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10	
USA - ACGIH - Occupational Exposure Limits		
Remark (ACGIH)	TLV® Basis: Asphyxia	
ACGIH chemical category	Simple asphyxiant See Appendix F: Minimal Oxygen Content	
Regulatory reference	ACGIH 2025	
USA - OSHA - Occupational Exposure Limits		
OSHA PEL TWA	1800 mg/m³	

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Propane (74-98-6)			
, ,	1000 ppm		
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1		
n-Butane (106-97-8)			
Canada (Alberta) - Occupational Exposure Limits			
OEL TWA	1000 ppm		
Regulatory reference	Alberta Regulation 191/2021		
Canada (Quebec) - Occupational Exposure Limits			
VEMP (OEL TWAEV)	1900 mg/m³		
	800 ppm		
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety		
Canada (British Columbia) - Occupational Exposure	e Limits		
OEL STEL	1000 ppm (Butane, all isomers)		
Notations and remarks	EX (the substance is a flammable asphyxiant or excursions above the exposure limit could approach 10% of the lower explosive limit)		
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)		
Canada (Manitoba) - Occupational Exposure Limits			
OEL STEL	2370 mg/m³ (EX - Explosion hazard)		
	1000 ppm (explosion hazard (Butane, isomers)		
Notations and remarks	TLV® Basis: CNS impair		
Regulatory reference	ACGIH 2025		
Canada (New Brunswick) - Occupational Exposure	Limits		
OEL STEL	1000 ppm		
Canada (Newfoundland and Labrador) - Occupation	nal Exposure Limits		
OEL STEL	2370 mg/m³ (EX - Explosion hazard)		
	1000 ppm (explosion hazard (Butane, isomers)		
Notations and remarks	TLV® Basis: CNS impair		
Regulatory reference	ACGIH 2025		
Canada (Nova Scotia) - Occupational Exposure Lim	Canada (Nova Scotia) - Occupational Exposure Limits		
OEL STEL	2370 mg/m³ (EX - Explosion hazard)		
	1000 ppm (explosion hazard (Butane, isomers)		
Notations and remarks	TLV® Basis: CNS impair		
Regulatory reference	ACGIH 2025		
Canada (Nunavut) - Occupational Exposure Limits			
OEL TWA	1000 ppm (Butane, all isomers)		
OEL STEL	1250 ppm (Butane, all isomers)		
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)		

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n-Butane (106-97-8)			
Canada (Northwest Territories) - Occupational Expo	Canada (Northwest Territories) - Occupational Exposure Limits		
OEL TWA	1000 ppm (Butane, all isomers)		
OEL STEL	1250 ppm (Butane, all isomers)		
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-090-2024)		
Canada (Ontario) - Occupational Exposure Limits			
OEL TWAEV	1000 ppm (explosion hazard (Butane, all isomers)		
Regulatory reference	Ontario Occuational Exposure Limits under Regulation 833		
Canada (Prince Edward Island) - Occupational Expo	osure Limits		
OEL STEL	2370 mg/m³ (EX - Explosion hazard)		
	1000 ppm (explosion hazard (Butane, isomers)		
Notations and remarks	TLV® Basis: CNS impair		
Regulatory reference	ACGIH 2025		
Canada (Saskatchewan) - Occupational Exposure L	Canada (Saskatchewan) - Occupational Exposure Limits		
OEL TWA	1000 ppm (Butane, all isomers)		
OEL STEL	1250 ppm (Butane, all isomers)		
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10		
Canada (Yukon) - Occupational Exposure Limits			
OEL TWA	1400 mg/m³		
	600 ppm		
OEL STEL	1600 mg/m³		
	750 ppm		
USA - ACGIH - Occupational Exposure Limits			
ACGIH OEL STEL	2370 mg/m³ (EX - Explosion hazard)		
	1000 ppm (explosion hazard (Butane, isomers)		
Remark (ACGIH)	TLV® Basis: CNS impair		
Regulatory reference	ACGIH 2025		
Talc (Mg3H2(SiO3)4) (14807-96-6)			
Canada (Alberta) - Occupational Exposure Limits			
OEL TWA	2 mg/m³ (respirable particulate)		
Regulatory reference	Alberta Regulation 191/2021		
Canada (Quebec) - Occupational Exposure Limits	Canada (Quebec) - Occupational Exposure Limits		
VEMP (OEL TWAEV)	2 mg/m³ (containing no Asbestos and <1% Crystalline silica-respirable dust)		
Notations and remarks	Note 1: The standard corresponds to dust containing no asbestos and the percentage in crystalline silica is less than 1%		
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety		

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Talc (Mg3H2(SiO3)4) (14807-96-6)		
Canada (British Columbia) - Occupational Exposure Limits		
OEL TWA	2 mg/m³ (particulate matter containing no Asbestos and <1% Crystalline silica-respirable particulate)	
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)	
Canada (Manitoba) - Occupational Exposure Limits		
OEL TWA	2 mg/m³ (particulate matter containing no Asbestos and <1% Crystalline silica-particulate matter, respirable particulate matter)	
	0.1 fibers/cm³ (Containing asbestos fibers. F - Respirable fibers)	
Notations and remarks	Containing no asbestos fibers = TLV® Basis: Pulm fibrosis & func. Notations: A4 (Not classifiable as a Human Carcinogen) Containing asbestos fibers = TLV® Basis: Pneumoconiosis; Lung cancer; Mesothelioma. Notations: A1 (Confirmed Human Carcinogen)	
Regulatory reference	ACGIH 2025	
Canada (New Brunswick) - Occupational Exposure	Limits	
OEL TWA	2 mg/m³ (particulate matter containing no Asbestos and <1% Crystalline silica)	
Canada (Newfoundland and Labrador) - Occupation	nal Exposure Limits	
OEL TWA	2 mg/m³ (particulate matter containing no Asbestos and <1% Crystalline silica-particulate matter, respirable particulate matter)	
	0.1 fibers/cm³ (Containing asbestos fibers. F - Respirable fibers)	
Notations and remarks	Containing no asbestos fibers = TLV® Basis: Pulm fibrosis & func. Notations: A4 (Not classifiable as a Human Carcinogen) Containing asbestos fibers = TLV® Basis: Pneumoconiosis; Lung cancer; Mesothelioma. Notations: A1 (Confirmed Human Carcinogen)	
Regulatory reference	ACGIH 2025	
Canada (Nova Scotia) - Occupational Exposure Lim	iits	
OEL TWA	2 mg/m³ (particulate matter containing no Asbestos and <1% Crystalline silica-particulate matter, respirable particulate matter)	
	0.1 fibers/cm³ (Containing asbestos fibers. F - Respirable fibers)	
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Regulatory reference	ACGIH 2025	
Canada (Nunavut) - Occupational Exposure Limits		
OEL TWA	2 mg/m³ (respirable fraction)	
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)	
Canada (Northwest Territories) - Occupational Exposure Limits		
OEL TWA	2 mg/m³ (respirable fraction)	
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-090-2024)	
Canada (Ontario) - Occupational Exposure Limits		
OEL TWAEV	2 mg/m³ (containing no Asbestos and <1% Crystalline silica-respirable fraction)	

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Talc (Mg3H2(SiO3)4) (14807-96-6)		
Regulatory reference	Ontario Occuational Exposure Limits under Regulation 833	
Canada (Prince Edward Island) - Occupational Expo	osure Limits	
OEL TWA	2 mg/m³ (particulate matter containing no Asbestos and <1% Crystalline silica-particulate matter, respirable particulate matter)	
	0.1 fibers/cm³ (Containing asbestos fibers. F - Respirable fibers)	
Notations and remarks	Containing no asbestos fibers = TLV® Basis: Pulm fibrosis & func. Notations: A4 (Not classifiable as a Human Carcinogen) Containing asbestos fibers = TLV® Basis: Pneumoconiosis; Lung cancer; Mesothelioma. Notations: A1 (Confirmed Human Carcinogen)	
Regulatory reference	ACGIH 2025	
Canada (Saskatchewan) - Occupational Exposure L	imits	
OEL TWA	2 mg/m³ (respirable fraction)	
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10	
Canada (Yukon) - Occupational Exposure Limits		
OEL TWA	20 mppcf	
USA - ACGIH - Occupational Exposure Limits		
ACGIH OEL TWA	2 mg/m³ (particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter)	
	0.1 fibers/cm³ (Containing asbestos fibers. F - Respirable fibers)	
Remark (ACGIH)	Containing no asbestos fibers = TLV® Basis: Pulm fibrosis & func. Notations: A4 (Not classifiable as a Human Carcinogen) Containing asbestos fibers = TLV® Basis: Pneumoconiosis; Lung cancer; Mesothelioma. Notations: A1 (Confirmed Human Carcinogen)	
ACGIH chemical category	Not Classifiable as a Human Carcinogen containing no asbestos fibers	
Regulatory reference	ACGIH 2025	
USA - OSHA - Occupational Exposure Limits		
OSHA PEL TWA	20 mppcf (if 1% Quartz or more, use Quartz limit)	
	20 mppcf	
Remark (OSHA)	Table Z-3. CAS No. source: eCFR Table Z-1.	
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-3 Mineral Dusts	
Toluene (108-88-3)		
Canada (Alberta) - Occupational Exposure Limits		
OEL TWA	188 mg/m³	
	50 ppm	
Notations and remarks	Substance may be readily absorbed through intact skin.	
Regulatory reference	Alberta Regulation 191/2021	
Canada (Quebec) - Occupational Exposure Limits		
VEMP (OEL TWAEV)	20 ppm	
Notations and remarks	ото	

## Safety Data Sheet

Toluene (108-88-3)		
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety	
Canada (British Columbia) - Occupational Exposure Limits		
OEL TWA	20 ppm	
Notations and remarks	R (the substance has an adverse reproductive effect)	
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)	
Canada (Manitoba) - Occupational Exposure Limits		
OEL TWA	20 ppm	
Notations and remarks	TLV® Basis: CNS, Hearing & Visual impair; Female repro system eff; Pregnancy loss. Notations: OTO (Ototoxicant); A4 (Not classifiable as a Human Carcinogen); BEI	
Regulatory reference	ACGIH 2025	
Canada (New Brunswick) - Occupational Exposure	Limits	
OEL TWA	20 ppm	
Canada (Newfoundland and Labrador) - Occupation	nal Exposure Limits	
OEL TWA	20 ppm	
Notations and remarks	TLV® Basis: CNS, Hearing & Visual impair; Female repro system eff; Pregnancy loss. Notations: OTO (Ototoxicant); A4 (Not classifiable as a Human Carcinogen); BEI	
Regulatory reference	ACGIH 2025	
Canada (Nova Scotia) - Occupational Exposure Lim	its	
OEL TWA	20 ppm	
Notations and remarks	TLV® Basis: CNS, Hearing & Visual impair; Female repro system eff; Pregnancy loss. Notations: OTO (Ototoxicant); A4 (Not classifiable as a Human Carcinogen); BEI	
Regulatory reference	ACGIH 2025	
Canada (Nunavut) - Occupational Exposure Limits		
OEL TWA	50 ppm	
OEL STEL	60 ppm	
Notations and remarks	Skin	
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)	
Canada (Northwest Territories) - Occupational Exposure Limits		
OEL TWA	50 ppm	
OEL STEL	60 ppm	
Notations and remarks	Skin	
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-090-2024)	
Canada (Ontario) - Occupational Exposure Limits		
OEL TWAEV	20 ppm	
Regulatory reference	Ontario Occuational Exposure Limits under Regulation 833	
Canada (Prince Edward Island) - Occupational Exposure Limits		
OEL TWA	20 ppm	

## Safety Data Sheet

Toluene (108-88-3)		
Notations and remarks	TLV® Basis: CNS, Hearing & Visual impair; Female repro system eff; Pregnancy loss. Notations: OTO (Ototoxicant); A4 (Not classifiable as a Human Carcinogen); BEI	
Regulatory reference	ACGIH 2025	
Canada (Saskatchewan) - Occupational Exposure Limits		
OEL TWA	50 ppm	
OEL STEL	60 ppm	
Notations and remarks	Skin	
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10	
Canada (Yukon) - Occupational Exposure Limits		
OEL TWA	375 mg/m³	
	100 ppm	
OEL STEL	560 mg/m³	
	150 ppm	
USA - ACGIH - Occupational Exposure Limits		
ACGIH OEL TWA	20 ppm	
Remark (ACGIH)	TLV® Basis: CNS, Hearing & Visual impair; Female repro system eff; Pregnancy loss. Notations: OTO (Ototoxicant); A4 (Not classifiable as a Human Carcinogen); BEI	
ACGIH chemical category	Not Classifiable as a Human Carcinogen	
Regulatory reference	ACGIH 2025	
USA - ACGIH - Biological Exposure Indices		
Local name	Toluene	
BEI	0.3 mg/g Kreatinin Parameter: o-Cresol - Medium: urine - Sampling time: End of shift - Notations: B 0.02 mg/l Parameter: Toluene - Medium: blood - Sampling time: Prior to last shift of workweek 0.03 mg/l Parameter: Toluene - Medium: urine - Sampling time: End of shift	
Regulatory reference	ACGIH 2025	
USA - OSHA - Occupational Exposure Limits		
OSHA PEL TWA	200 ppm	
OSHA PEL C	300 ppm	
Acceptable maximum peak above the acceptable ceiling concentration for an 8-hr shift	500 ppm 10 mins.	
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-2	
Xylenes (o-, m-, p- isomers) (1330-20-7)		
Canada (Quebec) - Occupational Exposure Limits		
VECD (OEL STEV)	651 mg/m³	
	150 ppm	
VEMP (OEL TWAEV)	434 mg/m³	
	100 ppm	

## Safety Data Sheet

Xylenes (o-, m-, p- isomers) (1330-20-7)		
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety	
Canada (British Columbia) - Occupational Exposure Limits		
OEL TWA	100 ppm	
OEL STEL	150 ppm	
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)	
Canada (Manitoba) - Occupational Exposure Limits	s	
OEL TWA	20 ppm	
Notations and remarks	TLV® Basis: Eye & URT irr; CNS impair; Hematologic eff; Ototoxicity (p-xylene). Notations: OTO (Ototoxicant) (p isomer); A4 (Not classifiable as a Human Carcinogen); BEI	
Regulatory reference	ACGIH 2025	
Canada (New Brunswick) - Occupational Exposure	Limits	
OEL TWA	100 ppm	
OEL STEL	150 ppm	
Notations and remarks	URT & eye irr; CNS impair	
Canada (Newfoundland and Labrador) - Occupatio	nal Exposure Limits	
OEL TWA	20 ppm	
Notations and remarks	TLV® Basis: Eye & URT irr; CNS impair; Hematologic eff; Ototoxicity (p-xylene). Notations: OTO (Ototoxicant) (p isomer); A4 (Not classifiable as a Human Carcinogen); BEI	
Regulatory reference	ACGIH 2025	
Canada (Nova Scotia) - Occupational Exposure Lir	nits	
OEL TWA	20 ppm	
Notations and remarks	TLV® Basis: Eye & URT irr; CNS impair; Hematologic eff; Ototoxicity (p-xylene). Notations: OTO (Ototoxicant) (p isomer); A4 (Not classifiable as a Human Carcinogen); BEI	
Regulatory reference	ACGIH 2025	
Canada (Nunavut) - Occupational Exposure Limits		
OEL TWA	100 ppm	
OEL STEL	150 ppm	
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)	
Canada (Northwest Territories) - Occupational Exp	posure Limits	
OEL TWA	100 ppm	
OEL STEL	150 ppm	
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-090-2024)	
Canada (Ontario) - Occupational Exposure Limits		
OEL TWAEV	100 ppm	
	150 ppm	
Regulatory reference	Ontario Occuational Exposure Limits under Regulation 833	
Canada (Prince Edward Island) - Occupational Exposure Limits		
OEL TWA	20 ppm	

## Safety Data Sheet

Xylenes (o-, m-, p- isomers) (1330-20-7)	Xylenes (o-, m-, p- isomers) (1330-20-7)	
Notations and remarks	TLV® Basis: Eye & URT irr; CNS impair; Hematologic eff; Ototoxicity (p-xylene). Notations:	
	OTO (Ototoxicant) (p isomer); A4 (Not classifiable as a Human Carcinogen); BEI	
Regulatory reference	ACGIH 2025	
Canada (Saskatchewan) - Occupational Exposure I	Limits	
OEL TWA	100 ppm	
OEL STEL	150 ppm	
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10	
Canada (Yukon) - Occupational Exposure Limits		
OEL TWA	435 mg/m³	
	100 ppm	
OEL STEL	650 mg/m³	
	150 ppm	
USA - ACGIH - Occupational Exposure Limits		
ACGIH OEL TWA	20 ppm	
Remark (ACGIH)	TLV® Basis: Eye & URT irr; CNS impair; Hematologic eff; Ototoxicity (p-xylene). Notations: OTO (Ototoxicant) (p isomer); A4 (Not classifiable as a Human Carcinogen); BEI	
ACGIH chemical category	Not Classifiable as a Human Carcinogen	
Regulatory reference	ACGIH 2025	
USA - OSHA - Occupational Exposure Limits		
OSHA PEL TWA	435 mg/m³	
	100 ppm	
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1	
Ethylbenzene (100-41-4)		
Canada (Alberta) - Occupational Exposure Limits		
OEL TWA	434 mg/m³	
	100 ppm	
OEL STEL	543 mg/m³	
	125 ppm	
Regulatory reference	Alberta Regulation 191/2021	
Canada (Quebec) - Occupational Exposure Limits		
VEMP (OEL TWAEV)	20 ppm	
Notations and remarks	C3	
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety	
Canada (British Columbia) - Occupational Exposure Limits		
OEL TWA	20 ppm	
Notations and remarks	IARC group 2B carcinogen	
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)	

## Safety Data Sheet

Canada (Manitoba) - Occupational Exposure Limits         In two Basis: URT & Eye irr. Kidney eff. Ototoxicity. CNS impair. Notations on TO (Ototoxicant), A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI           Regulatory reference         A COIH 2025           Canada (New Brunswick) - Occupational Exposure Limits         University of Canada (New Ground and Labrador) - Occupational Exposure Limits           OEL TWA         20 ppm           Canada (Newfoundland and Labrador) - Occupational Exposure Limits         In two Basis: URT & Eye irr. Kidney eff. Ototoxicity. CNS impair. Notations on TO (Ototoxicant), A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI           Regulatory reference         A COIH 2025           Canada (Nova Socia) - Occupational Exposure Limits         Occupational Exposure Limits           ORL TWA         20 ppm           Notations and remarks         71. We Basis: URT & Eye irr, Kidney eff. Ototoxicity, CNS impair. Notations oTO (Ototoxicant), A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI           Regulatory reference         A COIH 2025           Canada (Nova Social) - Occupational Exposure Limits         Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-04+2021) and Park Regulatory reference           CEL TWA         100 ppm           DEL TWA         102 ppm           OEL TWA         103 ppm           OEL TWA         104 ppm           OEL TWA	Ethylbenzene (100-41-4)		
Notations and remarks TLV® Basis: URT & Eye irr; Kidney eff; Ototoxicity; CNS impair. Notations: OTO (Ototoxicanty; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI Regulatory reference Canada (New Brunswick) - Occupational Exposure Limits OEL TWA 20 ppm Canada (Newfoundland and Labrador) - Occupational Exposure Limits OEL TWA 20 ppm Notations and remarks TLV® Basis: URT & Eye irr; Kidney eff; Ototoxicity; CNS impair. Notations: OTO (Ototoxicant); A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI Regulatory reference ACIL TWA 20 ppm Notations and remarks A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI Regulatory reference ACIL TWA A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI Regulatory reference A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI Regulatory reference A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI Regulatory reference A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI Regulatory reference Canada (Nunavut) - Occupational Exposure Limits OEL TWA 100 ppm OEL STEL 125 ppm Regulatory reference Canada (Northwest Territories) - Occupational Exposure Limits OEL TWA 100 ppm OEL STEL 100 ppm OEL STEL 100 ppm OEL STEL 100 ppm OEL STEL 101 ppm OEL STEL 102 ppm Notations and remarks Designated substance Regulatory reference Occupational Exposure Limits OEL TWA 100 ppm OEL STEL 101 ppm OEL STEL 102 ppm Notations and remarks Designated Substance Regulatory reference Occupational Exposure Limits under Regulation 833 Canada (Prince Edward Island) - Occupational Exposure Limits OEL TWA 104 ppm OEL STEL 105 ppm Notations and remarks 106 ppm Oracino Coccupational Exposure Limits under Regulation 833 Canada (Prince Edward Island) - Occupational Exposure Limits OEL TWA 104 ppm Oracino Coccupational Exposure Limits OEL TWA Notations and remarks 104 ppm Notations and remarks 105 ppm Notations and remarks 106 ppm Notations and remarks 107 ppm Notations and remarks 108	Canada (Manitoba) - Occupational Exposure Limits		
AGCINITMEND ANIMAL CARCINITMEND ANIMAL CARCINI	OEL TWA	20 ppm	
Canada (New Brunswick) - Occupational Exposure Limits           OEL TWA         20 ppm           Canada (Newfoundliand and Labrador) - Occupational Exposure Limits           OEL TWA         20 ppm           Notations and remarks         TLV® Basis: URT & Eye Irr, Kidney eff; Ototoxicty; CNS impair. Notations: OTO (Ototoxicant); A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI           Regulatory reference         ACGHI 2025           Canada (Nova Scotia) - Occupational Exposure Limits         20 ppm           Notations and remarks         TLV® Basis: URT & Eye Irr; Kidney eff; Ototoxicity; CNS impair. Notations: OTO (Ototoxicant); A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI           Regulatory reference         ACGHI 2025           Canada (Nunavut) - Occupational Exposure Limits         100 ppm           OEL STEL         125 ppm           Regulatory reference         Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)           Canada (Northwest Territories) - Occupational Exposure Limits         100 ppm           OEL TWA         100 ppm           OEL STEL         125 ppm           Notations and remarks         Designated substance           Regulatory reference         Occupational Health and Safety Regulations R-039-2015 (R-030-2024)           Canada (Ontario) - Occupational Exposure Limits         Occupational Exposur	Notations and remarks		
OEL TWA 20 ppm  Notations and remarks 20 ppm  Regulatory reference 20 ACGIH 2025  Canada (Nova Scotia) - Occupational Exposure Limits  OEL TWA 20 ppm  Notations and remarks 30 ppm  OEL TWA 30 ppm  OEL STEL 30 ppm  OEL STEL 125 ppm  OEL STEL 125 ppm  OEL TWA 100 ppm  OEL STEL 125 ppm  Notations and remarks 30 pesignated substance  Regulatory reference 30 ppm  Notations and remarks 30 pesignated substance  Regulatory reference 30 ppm  Notations and remarks 30 pesignated substance  Regulatory reference 30 ppm  Notations and remarks 30 ppm  Notations and remarks 40 ppm  OEL TWA 20 ppm  Regulatory reference 50 popm  Regulatory reference 60 ppm  Regulatory reference 70 potentional Exposure Limits 70 ppm  Regulatory reference 80 ppm  Notations and remarks 80 ppm  Regulatory reference 80 ppm  Regulatory reference 90 ppm  Regulatory reference 90 ppm  Regulatory reference 90 ppm  Notations and remarks 90 pp	Regulatory reference	ACGIH 2025	
Canada (Newfoundland and Labrador) - Occupational Exposure Limits  OEL TWA  20 ppm  Notations and remarks  TLVB Basis: URT & Eye irr, Kidney eff, Ototoxicity; CNS impair. Notations: OTO (Ototoxicant); A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI  Regulatory reference  ACGIH 2025  Canada (Nova Scotia) - Occupational Exposure Limits  OEL TWA  20 ppm  Notations and remarks  TLVB Basis: URT & Eye irr, Kidney eff, Ototoxicity; CNS impair. Notations: OTO (Ototoxicant); A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI  Regulatory reference  ACGIH 2025  Canada (Nunavut) - Occupational Exposure Limits  OEL TWA  100 ppm  OEL STEL  125 ppm  Regulatory reference  Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)  Canada (Northwest Territories) - Occupational Exposure Limits  OEL TWA  100 ppm  OEL STEL  125 ppm  Notations and remarks  Designated substance  Regulatory reference  Occupation Health and Safety Regulations R-039-2016 (R-090-2024)  Canada (Ontario) - Occupational Exposure Limits  OEL TWAEV  20 ppm  Regulatory reference  Ontario Occupation Health and Safety Regulations R-039-2016 (R-090-2024)  Canada (Prince Edward Island) - Occupational Exposure Limits  OEL TWA  20 ppm  Notations and remarks  Canada (Prince Edward Island) - Occupational Exposure Limits  OEL TWA  Ontario Occupational Expos	Canada (New Brunswick) - Occupational Exposure	Limits	
OEL TWA         20 ppm           Notations and remarks         TLV® Basis: URT & Eye irr, Kidney eff, Ototoxicity; CNS impair. Notations: OTO (Ototoxicant); A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI           Regulatory reference         ACGIH 2025           Canada (Nova Scotia) - Occupational Exposure Limts         CD ppm           Notations and remarks         TLV® Basis: URT & Eye irr; Kidney eff, Ototoxicity; CNS impair, Notations: OTO (Ototoxicant); A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI           Regulatory reference         ACGIH 2025           Canada (Nunavut) - Occupational Exposure Limts         100 ppm           OEL STEL         125 ppm           Regulatory reference         Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)           Canada (Northwest Territories) - Occupational Exposure Limits         100 ppm           OEL TWA         100 ppm           OEL TWA         105 ppm           Notations and remarks         Occupational Exposure Limits           OEL TWA         105 ppm           Regulatory reference         Occupation Health and Safety Regulations R-039-2015 (R-090-2024)           Canada (Ontario) - Occupational Exposure Limits         Occupational Exposure Limits under Regulation 833           Canada (Prince Edward Island) - Occupational Exposure Limits under Regulation 833         Canada (Saskatchewan) - Occupational	OEL TWA	20 ppm	
Notations and remarks  TLV® Basis: URT & Eye irr; Kidney eff; Ototoxicity; CNS impair. Notations: OTO (Ototoxicant); A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI  Regulatory reference  Canada (Nova Scotia) - Occupational Exposure Limits  OEL TWA  Notations and remarks  TLV® Basis: URT & Eye irr; Kidney eff; Ototoxicity; CNS impair. Notations: OTO (Ototoxicant); A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI  Regulatory reference  ACGIH 2025  Canada (Nunavut) - Occupational Exposure Limits  OEL TWA  100 ppm  OEL STEL  125 ppm  Regulatory reference  Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)  Canada (Northwest Territories) - Occupational Exposure Limits  OEL TWA  100 ppm  OEL STEL  125 ppm  Notations and remarks  Designated substance  Conada (Ontario) - Occupational Exposure Limits  OEL TWAV  OEL STEL  125 ppm  Regulatory reference  Occupational Exposure Limits  OEL TWAY  OEL STEL  125 ppm  Regulatory reference  Occupational Exposure Limits  OEL TWAY  OEL TWAEV  ACGIH 2025  Canada (Prince Edward Island) - Occupational Exposure Limits  OEL TWAE  OEL TWAE  OLITICAL STEL  OL	Canada (Newfoundland and Labrador) - Occupation	nal Exposure Limits	
Regulatory reference ACGIH 2025  Canada (Nova Scotia) - Occupational Exposure Limits  OEL TWA 20 ppm  Notations and remarks Territories Poccupational Exposure Limits  OEL TWA 100 ppm  Regulatory reference ACGIH 2025  Canada (Nunavut) - Occupational Exposure Limits  OEL TWA 100 ppm  OEL STEL 125 ppm  OEL STEL 125 ppm  Notations and remarks 125 ppm  OEL STEL 125 ppm  Notations and remarks 125 ppm  OEL STEL 125 ppm  OEL STEL 125 ppm  OEL STEL 125 ppm  Notations and remarks 125 ppm  OEL STEL 125 ppm  OEL STEL 125 ppm  OEL STEL 125 ppm  OEL STEL 125 ppm  Notations and remarks 125 ppm  OEL STEL 125 ppm  Notations and remarks 125 ppm  OEL STEL 125 ppm  OEL STEL 125 ppm  Notations and remarks 120	OEL TWA	20 ppm	
Canada (Nova Scotia) - Occupational Exposure Limits  OEL TWA 20 ppm  Notations and remarks TLV® Basis: URT & Eye irr, Kidney eff; Ototoxicity; CNS impair. Notations: OTO (Ototoxicant); A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI  Regulatory reference ACGIH 2025  Canada (Nunavut) - Occupational Exposure Limits  OEL TWA 100 ppm  OEL STEL 125 ppm  Regulatory reference Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)  Canada (Northwest Territories) - Occupational Exposure Limits  OEL TWA 100 ppm  OEL STEL 125 ppm  Notations and remarks Designated substance  Regulatory reference Occupational Exposure Limits  OEL TWAEV 20 ppm  Regulatory reference Ontario) - Occupational Exposure Limits  OEL TWAEV 20 ppm  Regulatory reference Ontario Occupational Exposure Limits  OEL TWAEV 20 ppm  Regulatory reference Ontario Occupational Exposure Limits  OEL TWAEV 20 ppm  Regulatory reference Ontario Occupational Exposure Limits  OEL TWAE 20 ppm  Notations and remarks 11 LV® Basis: URT & Eye irr; Kidney eff; Ototoxicity; CNS impair. Notations: OTO (Ototoxicant); A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI  Regulatory reference ACGIH 2025  Canada (Saskatchewan) - Occupational Exposure Limits  OEL TWA 100 ppm  OEL TWA 100 ppm	Notations and remarks		
OEL TWA 20 ppm  Notations and remarks TLV® Basis: URT & Eye irr; Kidney eff; Ototoxicity; CNS impair. Notations: OTO (Ototoxicant); A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI ACGIH 2025  Canada (Nunavut) - Occupational Exposure Limits  OEL TWA 100 ppm  OEL STEL 125 ppm  Regulatory reference Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)  Canada (Northwest Territories) - Occupational Exposure Limits  OEL TWA 100 ppm  OEL STEL 125 ppm  Notations and remarks Designated substance  Regulatory reference Occupational Exposure Limits  OEL TWA 20 ppm  Regulatory reference Ontario Occupational Exposure Limits  Canada (Ontario) - Occupational Exposure Limits  CEL TWAEV 20 ppm  Regulatory reference Ontario Occuational Exposure Limits under Regulation 833  Canada (Prince Edward Island) - Occupational Exposure Limits  OEL TWA 20 ppm  Notations and remarks 11 TLV® Basis: URT & Eye irr; Kidney eff; Ototoxicity; CNS impair. Notations: OTO (Ototoxicant); A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI Regulatory reference ACGIH 2025  Canada (Saskatchewan) - Occupational Exposure Limits  OEL TWA 100 ppm  OEL TWA 100 ppm  OEL TWA 100 ppm	Regulatory reference	ACGIH 2025	
Notations and remarks  TLV® Basis: URT & Eye irr; Kidney eff; Ototoxicity; CNS impair. Notations: OTO (Ototoxicant); A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI  Regulatory reference  ACGIH 2025  Canada (Nunavut) - Occupational Exposure Limits  OEL TWA  100 ppm  OEL STEL  125 ppm  Regulatory reference  Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)  Canada (Northwest Territories) - Occupational Exposure Limits  OEL TWA  100 ppm  OEL STEL  125 ppm  Notations and remarks  Designated substance  Regulatory reference  Occupation Health and Safety Regulations R-039-2015 (R-090-2024)  Canada (Ontario) - Occupational Exposure Limits  OEL TWAEV  20 ppm  Regulatory reference  Ontario Occuational Exposure Limits under Regulation 833  Canada (Prince Edward Island) - Occupational Exposure Limits  OEL TWA  20 ppm  Notations and remarks  FLV® Basis: URT & Eye irr, Kidney eff; Ototoxicity; CNS impair, Notations: OTO (Ototoxicant); A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI  Regulatory reference  ACGIH 2025  Canada (Saskatchewan) - Occupational Exposure Limits  OEL TWA  100 ppm  OEL STEL  125 ppm	Canada (Nova Scotia) - Occupational Exposure Lim	its	
Regulatory reference ACGIH 2025  Canada (Nunavut) - Occupational Exposure Limits  OEL TWA 100 ppm  OEL STEL 125 ppm  Regulatory reference Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)  Canada (Northwest Territories) - Occupational Exposure Limits  OEL TWA 100 ppm  OEL STEL 125 ppm  Notations and remarks 125 ppm  Notations and remarks Designated substance  Regulatory reference Occupational Exposure Limits  OEL TWAEV 20 ppm  Regulatory reference Ontario Occupational Exposure Limits  OEL TWAEV 20 ppm  Regulatory reference Ontario Occupational Exposure Limits  OEL TWAEV 20 ppm  Regulatory reference Ontario Occupational Exposure Limits  OEL TWAEV 20 ppm  Regulatory reference Ontario Occupational Exposure Limits  OEL TWAEV 20 ppm  Regulatory reference Ontario Occupational Exposure Limits  OEL TWA 20 ppm  Notations and remarks 120 ppm  Notations and remarks 120 ppm  Notations and remarks 120 ppm  Regulatory reference ACGIH 2025  Canada (Saskatchewan) - Occupational Exposure Limits  OEL TWA 100 ppm	OEL TWA	20 ppm	
Canada (Nunavut) - Occupational Exposure Limits  OEL TWA 100 ppm  OEL STEL 125 ppm  Regulatory reference Occupational Exposure Limits  OEL TWA 100 ppm  OEL STEL 125 ppm  Regulatory reference 125 ppm  OEL STEL 125 ppm  Notations and remarks Designated substance Occupational Exposure Limits  OEL TWA 20 ppm  OEL TWAEV 20 ppm  Regulatory reference Ontario Occupational Exposure Limits  OEL TWAEV 20 ppm  Regulatory reference Ontario Occupational Exposure Limits  OEL TWAEV 20 ppm  Regulatory reference Ontario Occupational Exposure Limits  OEL TWAEV 20 ppm  Notations and remarks 31 Canada (Prince Edward Island) - Occupational Exposure Limits  OEL TWA 20 ppm  Notations and remarks 31 Canada (Canada (Prince Edward Island) - Occupational Exposure Limits Under Regulation 833  Canada (Prince Edward Island) - Occupational Exposure Limits  OEL TWA 10 ppm  Notations and remarks 11 Close Basis: URT & Eye irr; Kidney eff; Ototoxicity; CNS impair. Notations: OTO (Ototoxicant); A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI  Regulatory reference ACGIH 2025  Canada (Saskatchewan) - Occupational Exposure Limits  OEL TWA 100 ppm  OEL STEL 125 ppm	Notations and remarks		
OEL TWA 100 ppm OEL STEL 125 ppm Regulatory reference Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021) Canada (Northwest Territories) - Occupational Exposure Limits OEL TWA 100 ppm OEL STEL 125 ppm Notations and remarks Designated substance Regulatory reference Occupational Exposure Limits OEL TWAEV 20 ppm Regulatory reference Ontario Occupational Exposure Limits OEL TWAEV 20 ppm Regulatory reference Octavional Exposure Limits OEL TWAEV 20 ppm Regulatory reference Ontario Occupational Exposure Limits OEL TWA 20 ppm Notations and remarks 20 ppm Notations and remarks 12 ppm Notations and remarks 12 ppm Regulatory reference ACGIH 2025 Canada (Saskatchewan) - Occupational Exposure Limits OEL TWA 100 ppm	Regulatory reference	ACGIH 2025	
Regulatory reference Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)  Canada (Northwest Territories) - Occupational Exposure Limits  OEL TWA 100 ppm  OEL STEL 125 ppm  Notations and remarks Designated substance  Regulatory reference Occupational Exposure Limits  OEL TWAEV 20 ppm  Regulatory reference Ontario Occuational Exposure Limits under Regulation 833  Canada (Prince Edward Island) - Occupational Exposure Limits  OEL TWAE 20 ppm  Notations and remarks 20 ppm  Notations and remarks 21 ppm  Notations and remarks 21 ppm  Regulatory reference Ontario Occupational Exposure Limits under Regulation 833  Canada (Prince Edward Island) - Occupational Exposure Limits  OEL TWA 20 ppm  Notations and remarks 11 CV® Basis: URT & Eye irr; Kidney eff; Ototoxicity; CNS impair. Notations: OTO (Ototoxicant); A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI  Regulatory reference ACGIH 2025  Canada (Saskatchewan) - Occupational Exposure Limits  OEL TWA 100 ppm  OEL STEL 125 ppm	Canada (Nunavut) - Occupational Exposure Limits		
Regulatory reference Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)  Canada (Northwest Territories) - Occupational Exposure Limits  OEL TWA 100 ppm  OEL STEL 125 ppm  Notations and remarks Designated substance  Regulatory reference Occupational Exposure Limits  OEL TWAEV 20 ppm  Regulatory reference Ontario Occupational Exposure Limits under Regulation 833  Canada (Prince Edward Island) - Occupational Exposure Limits  OEL TWAE 20 ppm  Notations and remarks 120 ppm  Notations and remarks 20 ppm  Notations and remarks 20 ppm  Regulatory reference Occupational Exposure Limits  OEL TWA 20 ppm  Notations and remarks 20 ppm  Regulatory reference ACGIH 2025  Canada (Saskatchewan) - Occupational Exposure Limits  OEL TWA 100 ppm  OEL TWA 100 ppm  OEL TWA 100 ppm	OEL TWA	100 ppm	
Canada (Northwest Territories) - Occupational Exposure Limits  OEL TWA 100 ppm  OEL STEL 125 ppm  Notations and remarks Designated substance  Regulatory reference Occupation Health and Safety Regulations R-039-2015 (R-090-2024)  Canada (Ontario) - Occupational Exposure Limits  OEL TWAEV 20 ppm  Regulatory reference Ontario Occuational Exposure Limits under Regulation 833  Canada (Prince Edward Island) - Occupational Exposure Limits  OEL TWA 20 ppm  Notations and remarks TLV® Basis: URT & Eye irr; Kidney eff; Ototoxicity; CNS impair. Notations: OTO (Ototoxicant); A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI  Regulatory reference ACGIH 2025  Canada (Saskatchewan) - Occupational Exposure Limits  OEL TWA 100 ppm  OEL STEL 125 ppm	OEL STEL	125 ppm	
OEL TWA OEL STEL 125 ppm Notations and remarks Designated substance Regulatory reference Occupation Health and Safety Regulations R-039-2015 (R-090-2024)  Canada (Ontario) - Occupational Exposure Limits OEL TWAEV 20 ppm Regulatory reference Ontario Occuational Exposure Limits under Regulation 833  Canada (Prince Edward Island) - Occupational Exposure Limits OEL TWA 20 ppm Notations and remarks TLV® Basis: URT & Eye irr; Kidney eff; Ototoxicity; CNS impair. Notations: OTO (Ototoxicant); A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI Regulatory reference ACGIH 2025  Canada (Saskatchewan) - Occupational Exposure Limits OEL TWA 100 ppm OEL STEL 125 ppm	Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)	
OEL STEL  Notations and remarks  Designated substance  Regulatory reference  Occupation Health and Safety Regulations R-039-2015 (R-090-2024)  Canada (Ontario) - Occupational Exposure Limits  OEL TWAEV  20 ppm  Regulatory reference  Ontario Occuational Exposure Limits under Regulation 833  Canada (Prince Edward Island) - Occupational Exposure Limits  OEL TWA  20 ppm  Notations and remarks  TLV® Basis: URT & Eye irr; Kidney eff; Ototoxicity; CNS impair. Notations: OTO (Ototoxicant); A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI  Regulatory reference  ACGIH 2025  Canada (Saskatchewan) - Occupational Exposure Limits  OEL TWA  100 ppm  OEL STEL  125 ppm	Canada (Northwest Territories) - Occupational Expo	osure Limits	
Notations and remarks  Regulatory reference  Occupation Health and Safety Regulations R-039-2015 (R-090-2024)  Canada (Ontario) - Occupational Exposure Limits  OEL TWAEV  Regulatory reference  Ontario Occuational Exposure Limits under Regulation 833  Canada (Prince Edward Island) - Occupational Exposure Limits  OEL TWA  OEL TWA  20 ppm  Notations and remarks  TLV® Basis: URT & Eye irr; Kidney eff; Ototoxicity; CNS impair. Notations: OTO (Ototoxicant); A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI  Regulatory reference  ACGIH 2025  Canada (Saskatchewan) - Occupational Exposure Limits  OEL TWA  100 ppm  OEL STEL  125 ppm	OEL TWA	100 ppm	
Regulatory reference Occupation Health and Safety Regulations R-039-2015 (R-090-2024)  Canada (Ontario) - Occupational Exposure Limits  OEL TWAEV 20 ppm  Regulatory reference Ontario Occuational Exposure Limits under Regulation 833  Canada (Prince Edward Island) - Occupational Exposure Limits  OEL TWA 20 ppm  Notations and remarks TLV® Basis: URT & Eye irr; Kidney eff; Ototoxicity; CNS impair. Notations: OTO (Ototoxicant); A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI  Regulatory reference ACGIH 2025  Canada (Saskatchewan) - Occupational Exposure Limits  OEL TWA 100 ppm  OEL STEL 125 ppm	OEL STEL	125 ppm	
Canada (Ontario) - Occupational Exposure Limits  OEL TWAEV  Regulatory reference  Ontario Occuational Exposure Limits under Regulation 833  Canada (Prince Edward Island) - Occupational Exposure Limits  OEL TWA  20 ppm  Notations and remarks  TLV® Basis: URT & Eye irr; Kidney eff; Ototoxicity; CNS impair. Notations: OTO (Ototoxicant); A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI  Regulatory reference  ACGIH 2025  Canada (Saskatchewan) - Occupational Exposure Limits  OEL TWA  100 ppm  OEL STEL  125 ppm	Notations and remarks	Designated substance	
OEL TWAEV 20 ppm  Regulatory reference Ontario Occuational Exposure Limits under Regulation 833  Canada (Prince Edward Island) - Occupational Exposure Limits OEL TWA 20 ppm  Notations and remarks TLV® Basis: URT & Eye irr; Kidney eff; Ototoxicity; CNS impair. Notations: OTO (Ototoxicant); A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI  Regulatory reference ACGIH 2025  Canada (Saskatchewan) - Occupational Exposure Limits OEL TWA 100 ppm  OEL STEL 125 ppm	Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-090-2024)	
Regulatory reference Ontario Occuational Exposure Limits under Regulation 833  Canada (Prince Edward Island) - Occupational Exposure Limits  OEL TWA 20 ppm  Notations and remarks TLV® Basis: URT & Eye irr; Kidney eff; Ototoxicity; CNS impair. Notations: OTO (Ototoxicant); A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI  Regulatory reference ACGIH 2025  Canada (Saskatchewan) - Occupational Exposure Limits  OEL TWA 100 ppm  OEL STEL 125 ppm	Canada (Ontario) - Occupational Exposure Limits		
Canada (Prince Edward Island) - Occupational Exposure Limits  OEL TWA  20 ppm  Notations and remarks  TLV® Basis: URT & Eye irr; Kidney eff; Ototoxicity; CNS impair. Notations: OTO (Ototoxicant); A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI  Regulatory reference  ACGIH 2025  Canada (Saskatchewan) - Occupational Exposure Limits  OEL TWA  100 ppm  OEL STEL  125 ppm	OEL TWAEV	20 ppm	
OEL TWA 20 ppm  Notations and remarks TLV® Basis: URT & Eye irr; Kidney eff; Ototoxicity; CNS impair. Notations: OTO (Ototoxicant); A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI  Regulatory reference ACGIH 2025  Canada (Saskatchewan) - Occupational Exposure Limits  OEL TWA 100 ppm  OEL STEL 125 ppm	Regulatory reference	Ontario Occuational Exposure Limits under Regulation 833	
Notations and remarks  TLV® Basis: URT & Eye irr; Kidney eff; Ototoxicity; CNS impair. Notations: OTO (Ototoxicant); A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI  Regulatory reference  ACGIH 2025  Canada (Saskatchewan) - Occupational Exposure Limits  OEL TWA  100 ppm  OEL STEL  125 ppm	Canada (Prince Edward Island) - Occupational Exposure Limits		
A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI  Regulatory reference ACGIH 2025  Canada (Saskatchewan) - Occupational Exposure Limits  OEL TWA 100 ppm  OEL STEL 125 ppm	OEL TWA	20 ppm	
Canada (Saskatchewan) - Occupational Exposure Limits  OEL TWA 100 ppm  OEL STEL 125 ppm	Notations and remarks		
OEL TWA 100 ppm OEL STEL 125 ppm	Regulatory reference	ACGIH 2025	
OEL STEL 125 ppm	Canada (Saskatchewan) - Occupational Exposure Limits		
	OEL TWA	100 ppm	
Notations and remarks Designated Chemical Substance	OEL STEL	125 ppm	
	Notations and remarks	Designated Chemical Substance	

### Safety Data Sheet

According to SOR/2015-17, Hazardous Products Regulations (HPR) (amended 2022) & According to 29 CFR § 1910.1200, Hazard Communication Standard (HCS) (amended 2024)

Ethylbenzene (100-41-4)			
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10		
Canada (Yukon) - Occupational Exposure Limits			
OEL TWA	435 mg/m³		
	100 ppm		
OEL STEL	545 mg/m³		
	125 ppm		
USA - ACGIH - Occupational Exposure Limits			
ACGIH OEL TWA	20 ppm		
Remark (ACGIH)	TLV® Basis: URT & Eye irr; Kidney eff; Ototoxicity; CNS impair. Notations: OTO (Ototoxicant); A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI		
ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans		
Regulatory reference	ACGIH 2025		
USA - ACGIH - Biological Exposure Indices	USA - ACGIH - Biological Exposure Indices		
Local name	Ethyl benzene		
BEI	0.15 g/g Kreatinin Parameter: Sum of mandelic acid and phenylglyoxylic acid - Medium: urine - Sampling time: end of shift (nonspecific)		
Regulatory reference	ACGIH 2025		
USA - OSHA - Occupational Exposure Limits			
OSHA PEL TWA	435 mg/m³		
	100 ppm		
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1		

### 8.2. Appropriate engineering controls

Appropriate engineering controls

: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures, such as personal protective equipment (PPE)

### Hand protection:

Wear suitable gloves resistant to chemical penetration

### Eye protection:

Wear safety glasses with side shields (or goggles).

### Skin and body protection:

Wear suitable protective clothing. As required by employer code.

### Safety Data Sheet

According to SOR/2015-17, Hazardous Products Regulations (HPR) (amended 2022) & According to 29 CFR § 1910.1200, Hazard Communication Standard (HCS) (amended 2024)

### Respiratory protection:

Use respiratory protection. Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

Respirator should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134), CAN/CSA-Z94.4 and ANSI's standard for respiratory protection (Z88.2).

### **SECTION 9 Physical and chemical properties**

### 9.1. Basic physical and chemical properties

Physical state : Liquid
Appearance : Aerosol.
Color : Dark gray
Odor : Solvents
Odor threshold : No data available

No data available рΗ Relative evaporation rate (butyl acetate=1) No data available Relative evaporation rate (ether=1) No data available Melting point Not applicable Freezing point : No data available Boiling point : No data available Flash point : No data available Auto-ignition temperature : No data available Decomposition temperature No data available

Flammability (solid, gas) : Extremely flammable aerosol

Vapor pressure : No data available Relative vapor density at 20°C : No data available

Relative density : 1.057

Density : 8.805 lb/gal

Solubility : No data available

Partition coefficient n-octanol/water (Log Pow) : No data available

Viscosity, kinematic : No data available

Explosive properties : Pressurized container: may burst if heated. Not explosive.

Oxidizing properties : Not oxidising.

Explosion limits : No data available

Particle characteristics : No data available

### 9.2. Data relevant with regard to physical hazard classes (supplemental)

VOC content : 36.3 %

### **SECTION 10 Stability and reactivity**

Reactivity : Extremely flammable aerosol. Pressurized container: may burst if heated.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : Temperatures above 54.4 °C / 130 °F may cause cans to burst with force.

Conditions to avoid : Above a temperature of 50 °C / 122 °F. Avoid contact with hot surfaces. Heat. No flames, no

sparks. Eliminate all sources of ignition.

Incompatible materials : Strong acids. Strong bases. Strong oxidizing agents. Hazardous decomposition products : May include and are not limited to: oxides of carbon.

### SECTION 11 Toxicological information

### 11.1. Likely routes of exposure

Acute toxicity (oral) : Not classified

## Safety Data Sheet

According to SOR/2015-17, Hazardous Products Regulations (HPR) (amended 2022) & According to 29 CFR § 1910.1200, Hazard Communication Standard (HCS) (amended 2024)

Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Acute toxicity (inhalation)	Not classified	
Acetone (67-64-1)		
LD50 oral rat	5800 mg/kg (Source: NLM_CIP)	
LD50 dermal rabbit	> 15700 mg/kg (Source: OECD_SIDS)	
LC50 Inhalation - Rat	50100 mg/m³ (Exposure time: 8 h Source: OECD_SIDS)	
LC50 Inhalation - Rat (Vapors)	76 mg/l Source: ECHA	
ATE CA (oral)	5800 mg/kg body weight	
ATE CA (vapors)	50.1 mg/l/4h	
ATE CA (dust,mist)	50.1 mg/l/4h	
Zinc (7440-66-6)		
LD50 oral rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)	
LC50 Inhalation - Rat	> 5.41 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)	
Propane (74-98-6)		
LC50 Inhalation - Rat [ppm]	> 800000 ppm (Exposure time: 15 min Source: ECHA_API)	
n-Butane (106-97-8)		
LC50 Inhalation - Rat	658 g/m³ (Exposure time: 4 h Source: NLM_CIP)	
ATE CA (vapors)	658 mg/l/4h	
ATE CA (dust,mist)	658 mg/l/4h	
Petroleum distillates, hydrotreated light (647	42-47-8)	
LD50 oral rat	> 5000 mg/kg (Source: IUCLID)	
LD50 dermal rabbit	> 2000 mg/kg (Source: NLM_CIP)	
LC50 Inhalation - Rat	> 5.2 mg/l/4h	
Talc (Mg3H2(SiO3)4) (14807-96-6)		
LD50 oral rat	> 5000 mg/kg body weight Animal: rat, Animal sex: male, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method)	
LD50 dermal rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)	
LC50 Inhalation - Rat	> 2.1 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Guideline: EU Method B.2 (Acute Toxicity (Inhalation)), Guideline: EPA OPPTS 870.1300 (Acute inhalation toxicity)	
LC50 Inhalation - Rat (Dust/Mist)	> 2.1 mg/l/4h	
Toluene (108-88-3)		
LC50 Inhalation - Rat	12.5 mg/l/4h	
LC50 Inhalation - Rat (Vapors)	> 20 mg/l Source: ECHA	
ATE CA (Gases)	4500 ppmV/4h	
ATE CA (vapors)	12.5 mg/l/4h	
ATE CA (dust,mist)	1.5 mg/l/4h	

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Xylenes (o-, m-, p- isomers) (1330-20-7)	Xylenes (o-, m-, p- isomers) (1330-20-7)	
LD50 oral rat	3500 mg/kg (Source: JAPAN_GHS)	
LD50 dermal rabbit	> 4350 mg/kg (Source: JAPAN_GHS)	
LC50 Inhalation - Rat	29.08 mg/l/4h	
ATE CA (Dermal)	1100 mg/kg body weight	
ATE CA (vapors)	11 mg/l/4h	
Ethylbenzene (100-41-4)		
LD50 oral rat	3500 mg/kg (Source: JAPAN_GHS)	
LD50 dermal rabbit	15400 mg/kg (Source: JAPAN_GHS)	
LC50 Inhalation - Rat	17.4 mg/l/4h	
ATE CA (oral)	3500 mg/kg body weight	
ATE CA (Dermal)	15400 mg/kg body weight	
ATE CA (Gases)	4500 ppmV/4h	
ATE CA (vapors)	17.4 mg/l/4h	
ATE CA (dust,mist)	1.5 mg/l/4h	
2-Butanone, oxime (96-29-7)	L	
LD50 oral rat	930 mg/kg (Source: NLM_CIP)	
LD50 dermal rabbit	1000 – 1800 mg/kg (Source: OECD_SIDS)	
LC50 Inhalation - Rat	> 4.83 mg/l/4h	
ATE CA (oral)	100 mg/kg body weight	
ATE CA (Dermal)	1400 mg/kg body weight	
Skin corrosion/irritation	: Not classified	
Serious eye damage/irritation	: Causes serious eye irritation.	
Respiratory or skin sensitization	: May cause an allergic skin reaction.	
Germ cell mutagenicity	: Not classified	
Carcinogenicity	: May cause cancer.	
Talc (Mg3H2(SiO3)4) (14807-96-6)	O. Net described.	
IARC group	3 - Not classifiable	
National Toxicity Program (NTP) Status	Evidence of Carcinogenicity	
Toluene (108-88-3)		
IARC group	3 - Not classifiable	
Xylenes (o-, m-, p- isomers) (1330-20-7)	Kylenes (o-, m-, p- isomers) (1330-20-7)	
IARC group	3 - Not classifiable	
Ethylbenzene (100-41-4)		
IARC group	2B - Possibly carcinogenic to humans	
National Toxicity Program (NTP) Status	Evidence of Carcinogenicity	
Reproductive toxicity	: Suspected of damaging fertility or the unborn child.	
STOT-single exposure	: May cause drowsiness or dizziness.	
STOT-repeated exposure	: Causes damage to organs through prolonged or repeated exposure.	
11/04/2025 (Revision date)	CA/US	22/3

### Safety Data Sheet

According to SOR/2015-17, Hazardous Products Regulations (HPR) (amended 2022) & According to 29 CFR § 1910.1200, Hazard Communication Standard (HCS) (amended 2024)

Zinc (7440-66-6)	
NOAEL (oral,rat,90 days)	31.25 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
Talc (Mg3H2(SiO3)4) (14807-96-6)	
NOAEL (oral,rat,90 days)	100 mg/kg body weight Animal: rat, Guideline: OECD Guideline 452 (Chronic Toxicity Studies)
Toluene (108-88-3)	
LOAEL (oral,rat,90 days)	1250 mg/kg body weight Animal: rat, Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEL (oral,rat,90 days)	625 mg/kg body weight Animal: rat, Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEC (inhalation,rat,vapor,90 days)	2.355 mg/l air Animal: rat, Guideline: EU Method B.29 (Sub-Chronic Inhalation Toxicity:90-Day Study)
2-Butanone, oxime (96-29-7)	
LOAEL (oral,rat,90 days)	40 mg/kg body weight Animal: rat, Guideline: other:
NOAEC (inhalation,rat,vapor,90 days)	0.09 mg/l air Animal: rat, Guideline: OECD Guideline 412 (Subacute Inhalation Toxicity: 28-Day Study)
NOAEL (subchronic,oral,animal/male,90 days)	110 mg/kg body weight Animal: mouse, Animal sex: male, Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents)
Aspiration hazard	: May be fatal if swallowed and enters airways.
Likely routes of exposure	: Skin and eye contact. Ingestion. Inhalation.
Symptoms/effects after inhalation	: Prolonged inhalation may be harmful. May cause drowsiness or dizziness.
Symptoms/effects after skin contact	<ul> <li>Prolonged or repeated contact may dry skin and cause irritation. May cause an allergic skin reaction.</li> </ul>
Symptoms/effects after eye contact	: Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
Symptoms/effects after ingestion	: May be fatal if swallowed and enters airways. Aspiration of the product into the lungs may cause very serious pneumonia. May cause stomach distress, nausea or vomiting.
Chronic symptoms	: May cause cancer. Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure.

### **SECTION 12 Ecological information**

### 12.1. Toxicity

Ecology - general : See below for route-specific details.

Hazardous to the aquatic environment, short-term : Not classified.

(acute)

Hazardous to the aquatic environment, long-term : Not classified.

(chronic)

(on one)	
Acetone (67-64-1)	
LC50 - Fish [1]	4.74 – 6.33 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss Source: EPA)
LC50 - Fish [2]	6210 – 8120 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: IUCLID)
EC50 - Crustacea [1]	10294 – 17704 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
EC50 - Crustacea [2]	12600 – 12700 mg/l (Exposure time: 48 h - Species: Daphnia magna)
NOEC (chronic)	≥ 79 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

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Acetone (67-64-1)			
LOEC (chronic)	> 79 mg/l Test organisms (species): Daphnia magna Duration: '21 d'		
Zinc (7440-66-6)			
LC50 - Fish [1]	2.16 – 3.05 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)		
LC50 - Fish [2]	0.211 – 0.269 mg/l (Exposure time: 96 h - Species: Pimephales promelas [semi-static] Source: EPA)		
EC50 - Crustacea [1]	0.139 – 0.908 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])		
EC50 72h - Algae [1]	0.09 – 0.125 mg/l (Species: Pseudokirchneriella subcapitata [static])		
EC50 96h - Algae [1]	0.11 – 0.271 mg/l (Species: Pseudokirchneriella subcapitata [static])		
Petroleum distillates, hydrotreated light (6474	2-47-8)		
LC50 - Fish [1]	45 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: IUCLID)		
LC50 - Fish [2]	2.2 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: EPA)		
Talc (Mg3H2(SiO3)4) (14807-96-6)			
LC50 - Fish [1]	> 100 g/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])		
LC50 - Fish [2]	110000 mg/l Test organisms (species): other:		
EC50 96h - Algae [1]	7202.7 mg/l Test organisms (species): other:		
NOEC (chronic)	1459.798 mg/l Test organisms (species): other: Duration: '30 d'		
Toluene (108-88-3)	Toluene (108-88-3)		
LC50 - Fish [1]	15.22 – 19.05 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)		
LC50 - Fish [2]	12.6 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: EPA)		
EC50 - Crustacea [1]	3.78 mg/l Source: ECHA		
EC50 - Crustacea [2]	11.5 mg/l (Exposure time: 48 h - Species: Daphnia magna)		
EC50 72h - Algae [1]	12.5 mg/l (Species: Pseudokirchneriella subcapitata [static])		
EC50 96h - Algae [1]	> 433 mg/l (Species: Pseudokirchneriella subcapitata)		
NOEC chronic fish	1.39 mg/l Test organisms (species): Oncorhynchus kisutch Duration: '40 d'		
NOEC (chronic)	0.74 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d'		
LOEC (chronic)	2.76 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d'		
Xylenes (o-, m-, p- isomers) (1330-20-7)			
LC50 - Fish [1]	13.4 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)		
LC50 - Fish [2]	2.661 – 4.093 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: EPA)		
EC50 - Crustacea [1]	3.82 mg/l (Exposure time: 48 h - Species: water flea)		
EC50 - Crustacea [2]	0.6 mg/l (Exposure time: 48 h - Species: Gammarus lacustris)		
Ethylbenzene (100-41-4)			
LC50 - Fish [1]	11 – 18 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: EPA)		
LC50 - Fish [2]	4.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static] Source: EPA)		

## Safety Data Sheet

According to SOR/2015-17, Hazardous Products Regulations (HPR) (amended 2022) & According to 29 CFR § 1910.1200, Hazard Communication Standard (HCS) (amended 2024)

Ethylbenzene (100-41-4)		
EC50 - Crustacea [1]	1.8 – 2.4 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
EC50 72h - Algae [1]	4.6 mg/l (Species: Pseudokirchneriella subcapitata)	
EC50 72h - Algae [2]	2.6 – 11.3 mg/l (Species: Pseudokirchneriella subcapitata [static])	
EC50 96h - Algae [1]	> 438 mg/l (Species: Pseudokirchneriella subcapitata)	
EC50 96h - Algae [2]	1.7 – 7.6 mg/l (Species: Pseudokirchneriella subcapitata [static])	
2-Butanone, oxime (96-29-7)		
LC50 - Fish [1]	777 – 914 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)	
LC50 - Fish [2]	760 mg/l (Exposure time: 96 h - Species: Poecilia reticulata [static] Source: IUCLID)	
EC50 - Crustacea [1]	750 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
EC50 72h - Algae [1]	83 mg/l (Species: Desmodesmus subspicatus)	
EC50 72h - Algae [2]	≈ 6.09 mg/l Test organisms (species): Scenedesmus capricornutum	
NOEC (chronic)	≥ 100 mg/l Test organisms (species): Daphnia magna Duration: '21 d'	

### 12.2. Persistence and degradability

Zinc Rich Cold Galvanizing	Zine Dieb Cold Celvenining	
·		
Persistence and degradability	Rapidly degradable	
Acetone (67-64-1)		
Persistence and degradability	Biodegradable in the soil, Biodegradable in the soil under anaerobic conditions, Readily biodegradable in water.	
Biochemical oxygen demand (BOD)	1.43 g O <sub>2</sub> /g substance	
Chemical oxygen demand (COD)	1.92 g O₂/g substance	
ThOD	2.2 g O <sub>2</sub> /g substance	
Zinc (7440-66-6)		
Persistence and degradability	Rapidly degradable	
Propane (74-98-6)		
Persistence and degradability	Rapidly degradable	
n-Butane (106-97-8)		
Persistence and degradability	Rapidly degradable	
Petroleum distillates, hydrotreated light (64742-47-8)		
Persistence and degradability	Rapidly degradable	
Talc (Mg3H2(SiO3)4) (14807-96-6)		
Persistence and degradability	Rapidly degradable	
Toluene (108-88-3)		
Persistence and degradability	Readily biodegradable in water.	
Biochemical oxygen demand (BOD)	2.15 g O <sub>2</sub> /g substance	

## Safety Data Sheet

According to SOR/2015-17, Hazardous Products Regulations (HPR) (amended 2022) & According to 29 CFR § 1910.1200, Hazard Communication Standard (HCS) (amended 2024)

Toluene (108-88-3)		
Chemical oxygen demand (COD)	2.52 g O₂/g substance	
ThOD	3.13 g O <sub>2</sub> /g substance	
Xylenes (o-, m-, p- isomers) (1330-20-7)		
Persistence and degradability	Rapidly degradable	
Ethylbenzene (100-41-4)		
Persistence and degradability Rapidly degradable		
2-Butanone, oxime (96-29-7)		
Persistence and degradability	Rapidly degradable	

### 12.3. Bioaccumulative potential

12.3. Bloaccumulative potential			
Acetone (67-64-1)			
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).		
BCF - Fish [1]	(0.69 dimensionless)		
Partition coefficient n-octanol/water (Log Pow)	-0.24		
Propane (74-98-6)			
Partition coefficient n-octanol/water (Log Pow)	1.09 (at 20 °C (at pH 7)		
n-Butane (106-97-8)			
Partition coefficient n-octanol/water (Log Pow)	2.31 (at 20 °C (at pH 7)		
Petroleum distillates, hydrotreated light (6474	12-47-8)		
BCF - Fish [1]	61 – 159		
Talc (Mg3H2(SiO3)4) (14807-96-6)			
BCF - Fish [1]	(no known bioaccumulation)		
Toluene (108-88-3)			
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).		
BCF - Fish [1]	90 (3 day(s), Leuciscus idus, Static renewal, Fresh water, Experimental value, Fresh weight)		
Partition coefficient n-octanol/water (Log Pow)	2.73 (at 20 °C (at pH 7)		
Xylenes (o-, m-, p- isomers) (1330-20-7)			
BCF - Fish [1]	0.6 – 15		
Partition coefficient n-octanol/water (Log Pow)	2.77 – 3.15		
Ethylbenzene (100-41-4)			
BCF - Fish [1]	(15 dimensionless)		
Partition coefficient n-octanol/water (Log Pow)	3.6 (at 20 °C (at pH 7.84)		
2-Butanone, oxime (96-29-7)			
BCF - Fish [1]	2.5 – 5.8		
Partition coefficient n-octanol/water (Log Pow)	0.65 (at 25 °C)		

### Safety Data Sheet

According to SOR/2015-17, Hazardous Products Regulations (HPR) (amended 2022) & According to 29 CFR § 1910.1200, Hazard Communication Standard (HCS) (amended 2024)

### 12.4. Mobility in soil

Acetone (67-64-1)		
Surface tension	23.3 mN/m (20 °C)	
Ecology - soil	Highly mobile in soil.	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.374 – 0.988 (log Koc, SRC PCKOCWIN v2.0, Calculated value)	
Toluene (108-88-3)		
Surface tension	27.73 mN/m (25 °C, 0.05 %)	
Ecology - soil	Low potential for adsorption in soil.	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.3 (log Koc, Calculated value)	

### 12.5. Other adverse effects

Ozone : Not classified

Fluorinated greenhouse gases : No

### **SECTION 13 Disposal considerations**

Waste treatment methods

Sewage disposal recommendations

Product/Packaging disposal recommendations

- : Dispose of the material collected according to regulations.
- : Disposal must be done according to official regulations.
- : Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling, disposal or collection. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

## **SECTION 14 Transport information**

### In accordance with TDG / DOT / IMDG / IATA

TDG	DOT	IMDG	IATA	
14.1. UN Number	14.1. UN Number			
UN1950	UN1950	1950	1950	
14.2. UN Proper Shipping Name	e			
AEROSOLS, Limited Quantity	Aerosols, Limited Quantity	AEROSOLS, Limited Quantity	Aerosols, flammable, Limited Quantity	
Transport document description	Transport document description			
UN1950 AEROSOLS, Limited Quantity, 2.1	UN1950 Aerosols, Limited Quantity, 2.1	UN 1950 AEROSOLS, Limited Quantity, 2.1	UN 1950 Aerosols, flammable, Limited Quantity, 2.1	
14.3. Transport hazard class(es	14.3. Transport hazard class(es)			
LTD QTY	LTD QTY	LTD QTY	LTD QTY Y	
			Y	

### Safety Data Sheet

According to SOR/2015-17, Hazardous Products Regulations (HPR) (amended 2022) & According to 29 CFR § 1910.1200, Hazard Communication Standard (HCS) (amended

TDG	DOT	IMDG	IATA
14.4. Packing group, if applicable			
Not applicable Not applicable Not applicable Not applicable			
14.5. Environmental hazards			
Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No
No supplementary information available			

### 14.6. Special precautions for user

**TDG** 

UN-No. (TDG) : UN1950 **Explosive Limit and Limited Quantity Index** : 1L Excepted quantities (TDG) E0 Emergency Response Guide (ERG) Number : 126

DOT

UN-No. (DOT) : UN1950

DOT Special Provisions (49 CFR 172.102) : N82 - See 173.306 of this subchapter for classification criteria for flammable aerosols.

DOT Packaging Exceptions (49 CFR 173.xxx) : 306 DOT Quantity Limitations Passenger aircraft/rail (49 : 75 kg

CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49 : 150 kg

CFR 175.75)

: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a **DOT Vessel Stowage Location** 

passenger vessel.

**DOT Vessel Stowage Other** 25 - Shade from radiant heat,87 - Stow "separated from" Class 1 (explosives) except Division

14,126 - Segregation same as for Class 9, miscellaneous hazardous materials

**IMDG** 

Special provision (IMDG) : 63, 190, 277, 327, 344, 381, 959

Limited quantities (IMDG) : SP277 Excepted quantities (IMDG) : E0 : P207. LP200 Packing instructions (IMDG)

Packing provisions (IMDG) : PP87, L2

: F-D - FIRE SCHEDULE Delta - FLAMMABLE GASES EmS-No. (Fire) EmS-No. (Spillage) : S-U - SPILLAGE SCHEDULE Uniform - GASES (FLAMMABLE, TOXIC OR CORROSIVE)

Stowage category (IMDG) : None Stowage and handling (IMDG) SW1, SW22 SG69

Segregation (IMDG)

IATA

: E0 PCA Excepted quantities (IATA) Y203 PCA Limited quantities (IATA) PCA limited quantity max net quantity (IATA) 30kgG PCA packing instructions (IATA) 203 PCA max net quantity (IATA) 75kg CAO packing instructions (IATA) 203 CAO max net quantity (IATA) : 150kg

Special provision (IATA) : A145, A167, A802

ERG code (IATA) : 10L

### 14.7. Transport in bulk according to Annex II of MARPOL 73/789(^9) and the IBC Code(^10)

Not applicable

## Safety Data Sheet

According to SOR/2015-17, Hazardous Products Regulations (HPR) (amended 2022) & According to 29 CFR § 1910.1200, Hazard Communication Standard (HCS) (amended 2024)

## **SECTION 15 Regulatory information**

All components of this product are present on DSL

2-Butanone, oxime (96-29-7)	
Toxic Substance (CEPA – Schedule I)	Yes

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.		
Zinc CAS-No. 7440-66-6 10 - 30%		
Toluene CAS-No. 108-88-3 1 - 5%		1 - 5%
Ethylbenzene	CAS-No. 100-41-4	0.1 - 1%

Acetone (67-64-1)	
CERCLA RQ	5000 lb

Zinc (7440-66-6)	
	454 kg no reporting of releases of this hazardous substance is required if the diameter of the pieces of the solid metal released is >100 μm

Toluene (108-88-3)	
Listed on EPA Hazardous Air Pollutant (HAPS)	
CERCLA RQ	1000 lb

Xylenes (o-, m-, p- isomers) (1330-20-7)	
Listed on EPA Hazardous Air Pollutant (HAPS)	
CERCLA RQ	100 lb

Ethylbenzene (100-41-4)	
Listed on EPA Hazardous Air Pollutant (HAPS)	
CERCLA RQ	1000 lb

Isopropylbenzene (98-82-8)	
Listed on EPA Hazardous Air Pollutant (HAPS)	
CERCLA RQ	5000 lb

### Safety Data Sheet

According to SOR/2015-17, Hazardous Products Regulations (HPR) (amended 2022) & According to 29 CFR § 1910.1200, Hazard Communication Standard (HCS) (amended 2024)



This product can expose you to chemicals including Ethylbenzene, which is known to the State of California to cause cancer, and Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Component	State or local regulations
Acetone(67-64-1)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List; U.S Massachusetts - Right To Know List; U.S Pennsylvania - RTK (Right to Know) - Environmental Hazard List
Zinc(7440-66-6)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List; U.S Massachusetts - Right To Know List; U.S Pennsylvania - RTK (Right to Know) - Environmental Hazard List
Propane(74-98-6)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List; U.S Massachusetts - Right To Know List
n-Butane(106-97-8)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List; U.S Massachusetts - Right To Know List
Talc (Mg3H2(SiO3)4)(14807-96-6)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List; U.S Massachusetts - Right To Know List
Toluene(108-88-3)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List; U.S Massachusetts - Right To Know List; U.S Pennsylvania - RTK (Right to Know) - Environmental Hazard List
Xylenes (o-, m-, p- isomers)(1330-20-7)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List; U.S Massachusetts - Right To Know List; U.S Pennsylvania - RTK (Right to Know) - Environmental Hazard List
Ethylbenzene(100-41-4)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List; U.S Massachusetts - Right To Know List; U.S Pennsylvania - RTK (Right to Know) - Environmental Hazard List
Propylene Glycol(57-55-6)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List
2-Propanol, 1-methoxy-(107-98-2)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List; U.S Massachusetts - Right To Know List
Isopropylbenzene(98-82-8)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List; U.S Massachusetts - Right To Know List; U.S Pennsylvania - RTK (Right to Know) - Environmental Hazard List

### **SECTION 16 Other Information**

 Issue date
 : 07/29/2024

 Revision date
 : 11/04/2025

 Supersedes
 : 07/29/2024

Other information : For an updated SDS, please contact the supplier or manufacturer listed on the first page of the document.

The information in the safety data sheet was written based on the best knowledge and experience currently available. Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.