

## SECTION 1 Identification

### 1.1. GHS Product identifier

Product name : Foam Brite  
Product code : 4178-01, 4178-05, 4178-08

### 1.2. Other means of identification

No additional information available

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

Recommended use : Coil Cleaner / Degreaser

### 1.4. Supplier's details

#### Manufacturer

Nu-Calgon  
2611 Schuetz Road  
St. Louis, MO  
63043  
US  
T 314-469-7000 / 800-554-5499  
[www.nucalgon.com](http://www.nucalgon.com)

### 1.5. Emergency phone number

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

## SECTION 2 Hazard identification

### 2.1. Classification of the substance or mixture

#### Classification (GHS CA/US)

Corrosive to metals, Category 1  
Skin corrosion, Category 1A  
Serious eye damage, Category 1

May be corrosive to metals.  
Causes severe skin burns and eye damage.  
Causes serious eye damage.

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

#### GHS CA/US labeling

Hazard pictograms (GHS CA/US)



Signal word (GHS CA/US)

: Danger

Hazard statements (GHS CA/US)

: May be corrosive to metals  
Causes severe skin burns and eye damage

Precautionary statements (GHS CA/US)

: Keep only in original packaging.  
Do not breathe vapors, mist.  
Wash hands, forearms and face thoroughly after handling.  
Wear protective gloves, protective clothing, eye protection, face protection, and hearing protection.  
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .  
Wash contaminated clothing before reuse.

# Foam Brite

## 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)

IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a POISON CENTER or a doctor.  
Specific treatment (see supplemental first aid instruction on this label).  
Absorb spillage to prevent material-damage.  
Store locked up.  
Store in a corrosion resistant container with a resistant inner liner.  
Dispose of contents and container to a hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Supplementary information : No additional information available

### 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 | %       |
|------------------|-------------------------------------------------------------------|--------------------|---------|
| Sodium hydroxide | sodium hydroxide, caustic soda<br>Caustic soda / Sodium hydroxide | CAS-No.: 1310-73-2 | 10 - 30 |

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. Immediately call a POISON CENTER or doctor.

First-aid measures after skin contact : IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water . Wash contaminated clothing before reuse. Immediately call a POISON CENTER or doctor.

First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.

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

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 : Causes burns to the respiratory system.

Symptoms/effects after skin contact : Causes severe skin burns. May produce skin irritation, blistering, ulcers, and deep scarring.

Symptoms/effects after eye contact : Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Symptoms/effects after ingestion : Burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

# Foam Brite

## 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)

### 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 : Foam. Carbon dioxide. Dry chemical.  
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 : During fire, gases hazardous to health may be formed. In case of fire or explosion do not breathe fumes.  
Explosion hazard : 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.  
Environmental precautions : Avoid release to the environment.

### 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 : Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel). Clean contaminated surfaces with an excess of water.  
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 : Avoid contact with skin and eyes. Do not breathe vapors, mist. Do not taste or swallow. Wear personal protective equipment. Ensure good ventilation of the work station. Handle and open container with care.  
Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

# Foam Brite

## 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)

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

|                                    |                                                                                                                                                                                                                                                                                            |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Storage conditions                 | : Keep out of reach of children. Store in corrosive resistant container with a resistant inner liner. Keep only in original container. Store tightly closed in a dry, cool and well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). Store locked up. |
| Incompatible materials for storage | : Metals.                                                                                                                                                                                                                                                                                  |
| Packaging materials                | : Always store product in container of same material as original container.                                                                                                                                                                                                                |

## SECTION 8 Exposure controls/personal protection

### 8.1. Control parameters

| Sodium hydroxide (1310-73-2)                                      |                                                                                                                                                                                  |
|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Canada (Alberta) - Occupational Exposure Limits                   |                                                                                                                                                                                  |
| OEL C                                                             | 2 mg/m <sup>3</sup>                                                                                                                                                              |
| Notations and remarks                                             | Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required.                                          |
| Regulatory reference                                              | Alberta Regulation 191/2021                                                                                                                                                      |
| Canada (Quebec) - Occupational Exposure Limits                    |                                                                                                                                                                                  |
| Plafond (OEL C)                                                   | 2 mg/m <sup>3</sup> RP                                                                                                                                                           |
| Regulatory reference                                              | S-2.1, r. 13 - Regulation respecting occupational health and safety # S-2.1, r. 13 - Règlement sur la santé et la sécurité du travail                                            |
| Canada (British Columbia) - Occupational Exposure Limits          |                                                                                                                                                                                  |
| OEL C                                                             | 2 mg/m <sup>3</sup>                                                                                                                                                              |
| Regulatory reference                                              | OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)                                                                                                       |
| Canada (Manitoba) - Occupational Exposure Limits                  |                                                                                                                                                                                  |
| OEL C                                                             | 2 mg/m <sup>3</sup>                                                                                                                                                              |
| Notations and remarks                                             | TLV® Basis: Eye, Skin & URT irr                                                                                                                                                  |
| Regulatory reference                                              | ACGIH 2025                                                                                                                                                                       |
| Canada (New Brunswick) - Occupational Exposure Limits             |                                                                                                                                                                                  |
| OEL C                                                             | 2 mg/m <sup>3</sup>                                                                                                                                                              |
| Canada (Newfoundland and Labrador) - Occupational Exposure Limits |                                                                                                                                                                                  |
| OEL C                                                             | 2 mg/m <sup>3</sup>                                                                                                                                                              |
| Notations and remarks                                             | TLV® Basis: Eye, Skin & URT irr                                                                                                                                                  |
| Regulatory reference                                              | ACGIH 2025                                                                                                                                                                       |
| Canada (Nova Scotia) - Occupational Exposure Limits               |                                                                                                                                                                                  |
| OEL C                                                             | 2 mg/m <sup>3</sup>                                                                                                                                                              |
| Notations and remarks                                             | TLV® Basis: Eye, Skin & URT irr                                                                                                                                                  |
| Regulatory reference                                              | ACGIH 2025                                                                                                                                                                       |
| Canada (Nunavut) - Occupational Exposure Limits                   |                                                                                                                                                                                  |
| OEL C                                                             | 2 mg/m <sup>3</sup>                                                                                                                                                              |
| Regulatory reference                                              | Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021) # Règlement sur la santé et la sécurité au travail, Règ Nu 003-2016 (Modification R-044-2021) |

# Foam Brite

## 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)

| Sodium hydroxide (1310-73-2)                                  |                                                                                                                                             |
|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Canada (Northwest Territories) - Occupational Exposure Limits |                                                                                                                                             |
| OEL C                                                         | 2 mg/m <sup>3</sup>                                                                                                                         |
| Regulatory reference                                          | Occupation Health and Safety Regulations R-039-2015 (R-124-2018) # Règlement sur la santé et la sécurité au travail R-039-2015 (R-124-2018) |
| Canada (Ontario) - Occupational Exposure Limits               |                                                                                                                                             |
| OEL C                                                         | 2 mg/m <sup>3</sup>                                                                                                                         |
| Canada (Prince Edward Island) - Occupational Exposure Limits  |                                                                                                                                             |
| OEL C                                                         | 2 mg/m <sup>3</sup>                                                                                                                         |
| Notations and remarks                                         | TLV® Basis: Eye, Skin & URT irr                                                                                                             |
| Regulatory reference                                          | ACGIH 2025                                                                                                                                  |
| Canada (Saskatchewan) - Occupational Exposure Limits          |                                                                                                                                             |
| OEL C                                                         | 2 mg/m <sup>3</sup>                                                                                                                         |
| Regulatory reference                                          | The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10                                                                 |
| Canada (Yukon) - Occupational Exposure Limits                 |                                                                                                                                             |
| OEL C                                                         | 2 mg/m <sup>3</sup>                                                                                                                         |
| USA - ACGIH® - Threshold Limit Values                         |                                                                                                                                             |
| ACGIH® TLV® C                                                 | 2 mg/m <sup>3</sup>                                                                                                                         |
| Remark (ACGIH®)                                               | TLV® Basis: Eye, Skin & URT irr                                                                                                             |
| Regulatory reference                                          | ACGIH 2026                                                                                                                                  |
| USA - OSHA - Occupational Exposure Limits                     |                                                                                                                                             |
| OSHA PEL TWA                                                  | 2 mg/m <sup>3</sup>                                                                                                                         |
| 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)

|                                                                             |
|-----------------------------------------------------------------------------|
| <b>Hand protection:</b>                                                     |
| Wear suitable gloves resistant to chemical penetration                      |
| <b>Eye protection:</b>                                                      |
| Wear safety glasses with side shields (or goggles).                         |
| <b>Skin and body protection:</b>                                            |
| Wear appropriate chemical resistant clothing. As required by employer code. |

# Foam Brite

## 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:

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                                      | : No data available                    |
| Color                                           | : Yellow                               |
| Odor                                            | : Bland                                |
| Odor threshold                                  | : No data available                    |
| pH                                              | : 14 (Concentrate); 12.7 (1% in water) |
| Relative evaporation rate (butyl acetate=1)     | : No data available                    |
| Relative evaporation rate (ether=1)             | : No data available                    |
| Melting point                                   | : 0 °C (32 °F)                         |
| Freezing point                                  | : No data available                    |
| Boiling point                                   | : 100 °C (212 °F)                      |
| Flash point                                     | : No data available                    |
| Auto-ignition temperature                       | : No data available                    |
| Decomposition temperature                       | : No data available                    |
| Flammability (solid, gas)                       | : No data available                    |
| Vapor pressure                                  | : No data available                    |
| Relative vapor density at 20°C                  | : No data available                    |
| Relative density                                | : No data available                    |
| Density                                         | : 10.36 lb/gal                         |
| Solubility                                      | : No data available                    |
| Partition coefficient n-octanol/water (Log Pow) | : No data available                    |
| Viscosity, kinematic                            | : < 4.028 mm <sup>2</sup> /s           |
| Viscosity, dynamic                              | : < 5 cP                               |
| Explosive properties                            | : 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)

No additional information available

## SECTION 10 Stability and reactivity

|                                    |                                                                                     |
|------------------------------------|-------------------------------------------------------------------------------------|
| Reactivity                         | : Reacts violently with acids. This product may react with strong oxidizing agents. |
| Chemical stability                 | : Stable under normal conditions.                                                   |
| Possibility of hazardous reactions | : No dangerous reactions known under normal conditions of use.                      |
| Conditions to avoid                | : Keep away from heat and direct sunlight. Do not mix with other chemicals.         |
| Incompatible materials             | : Metals. Strong oxidizing agents. Acids.                                           |
| 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. |
|-----------------------|-------------------|

# Foam Brite

## 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

| Sodium hydroxide (1310-73-2) |                               |
|------------------------------|-------------------------------|
| LD50 oral rat                | 325 mg/kg (Source: OECD_SIDS) |
| LD50 dermal rabbit           | 1350 mg/kg (Source: NLM_HSDB) |
| ATE CA (oral)                | 325 mg/kg body weight         |
| ATE CA (Dermal)              | 1350 mg/kg body weight        |

Skin corrosion/irritation : Causes severe skin burns.  
pH: 14 (Concentrate); 12.7 (1% in water)

Serious eye damage/irritation : Causes serious eye damage.  
pH: 14 (Concentrate); 12.7 (1% in water)

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified.

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

Likely routes of exposure : Skin and eye contact. Ingestion. Inhalation.

Symptoms/effects after inhalation : Causes burns to the respiratory system.

Symptoms/effects after skin contact : Causes severe skin burns. May produce skin irritation, blistering, ulcers, and deep scarring.

Symptoms/effects after eye contact : Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Symptoms/effects after ingestion : Burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

## SECTION 12 Ecological information

### 12.1. Toxicity

Ecology - general : Before neutralisation, the product may represent a danger to aquatic organisms. See below for route-specific details.

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

Hazardous to the aquatic environment, long-term (chronic) : Not classified

| Sodium hydroxide (1310-73-2) |                                                                                        |
|------------------------------|----------------------------------------------------------------------------------------|
| LC50 - Fish [1]              | 45.4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: IUCLID) |
| EC50 - Crustacea [1]         | 40 mg/l (48 h, Ceriodaphnia sp., Experimental value, Locomotor effect)                 |

### 12.2. Persistence and degradability

| Foam Brite                    |                                   |
|-------------------------------|-----------------------------------|
| Persistence and degradability | Rapidly degradable                |
| Sodium hydroxide (1310-73-2)  |                                   |
| Persistence and degradability | Biodegradability: not applicable. |
| Chemical oxygen demand (COD)  | Not applicable (inorganic)        |
| ThOD                          | Not applicable (inorganic)        |

# Foam Brite

## 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)

### 12.3. Bioaccumulative potential

| Sodium hydroxide (1310-73-2) |                      |
|------------------------------|----------------------|
| Bioaccumulative potential    | Not bioaccumulative. |

### 12.4. Mobility in soil

| Sodium hydroxide (1310-73-2) |                                                       |
|------------------------------|-------------------------------------------------------|
| Surface tension              | No data available in the literature                   |
| Ecology - soil               | No (test)data on mobility of the substance available. |

### 12.5. Other adverse effects

|                              |                  |
|------------------------------|------------------|
| Ozone                        | : Not classified |
| Fluorinated greenhouse gases | : No             |

## SECTION 13 Disposal considerations

|                                            |                                                                                                                                                                                                                          |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Waste treatment methods                    | : Dispose of the material collected according to regulations.                                                                                                                                                            |
| Sewage disposal recommendations            | : Disposal must be done according to official regulations.                                                                                                                                                               |
| Product/Packaging disposal recommendations | : 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. |

## SECTION 14 Transport information

In accordance with TDG / DOT / IMDG / IATA

| TDG                                                                                 | DOT                                                                                 | IMDG                                                                                 | IATA                                                                                  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>14.1. UN Number</b>                                                              |                                                                                     |                                                                                      |                                                                                       |
| UN3266                                                                              | UN3266                                                                              | 3266                                                                                 | 3266                                                                                  |
| <b>14.2. UN Proper Shipping Name</b>                                                |                                                                                     |                                                                                      |                                                                                       |
| CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. Sodium hydroxide                         | Corrosive liquid, basic, inorganic, n.o.s. Sodium hydroxide                         | CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. Sodium hydroxide                          | Corrosive liquid, basic, inorganic, n.o.s. Sodium hydroxide                           |
| <b>Transport document description</b>                                               |                                                                                     |                                                                                      |                                                                                       |
| UN3266 CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. Sodium hydroxide, 8, II           | UN3266 Corrosive liquid, basic, inorganic, n.o.s. Sodium hydroxide, 8, II           | UN 3266 CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. Sodium hydroxide, 8, II           | UN 3266 Corrosive liquid, basic, inorganic, n.o.s. Sodium hydroxide, 8, II            |
| <b>14.3. Transport hazard class(es)</b>                                             |                                                                                     |                                                                                      |                                                                                       |
| 8                                                                                   | 8                                                                                   | 8                                                                                    | 8                                                                                     |
|  |  |  |  |
| <b>14.4. Packing group, if applicable</b>                                           |                                                                                     |                                                                                      |                                                                                       |
| II                                                                                  | II                                                                                  | II                                                                                   | II                                                                                    |

# Foam Brite

## 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)

| TDG                                    | DOT                               | IMDG                                                      | IATA                              |
|----------------------------------------|-----------------------------------|-----------------------------------------------------------|-----------------------------------|
| <b>14.5. Environmental hazards</b>     |                                   |                                                           |                                   |
| Dangerous for the environment: No      | Dangerous for the environment: No | Dangerous for the environment: No<br>Marine pollutant: No | Dangerous for the environment: No |
| No supplementary information available |                                   |                                                           |                                   |

## 14.6. Special precautions for user

### TDG

UN-No. (TDG) : UN3266  
Excepted quantities (TDG) : E2  
Emergency Response Guide (ERG) Number : 154

### DOT

UN-No. (DOT) : UN3266  
DOT Special Provisions (49 CFR 172.102) : 386 - Notwithstanding the provisions of §177.834(l) of this subchapter, cargo heaters may be used when weather conditions are such that the freezing of a wetted explosive material is likely. Shipments must be made by private, leased or contract carrier vehicles under exclusive use of the offeror. Cargo heaters must be reverse refrigeration (heat pump) units. Shipments made in accordance with this Special provision are excepted from the requirements of §173.60(b)(4) of this subchapter.  
B2 - MC 300, MC 301, MC 302, MC 303, MC 305, and MC 306 and DOT 406 cargo tanks are not authorized.  
IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized.  
T11 - 6 178.274(d)(2) Normal..... 178.275(d)(3)  
TP2 - a. The maximum degree of filling must not exceed the degree of filling determined by the following: by the degree of filling formula. Where:  $t_r$  is the maximum mean bulk temperature during transport,  $t_f$  is the temperature in degrees celsius of the liquid during filling, and  $a$  is the mean coefficient of cubical expansion of the liquid between the mean temperature of the liquid during filling ( $t_f$ ) and the maximum mean bulk temperature during transportation ( $t_r$ ) both in degrees celsius. b. For liquids transported under ambient conditions may be calculated using the formula: for the mean coefficient of cubical expansion of the liquid. Where:  $d_{15}$  and  $d_{50}$  are the densities (in units of mass per unit volume) of the liquid at 15 C (59 F) and 50 C (122 F), respectively.  
TP27 - A portable tank having a minimum test pressure of 4 bar (400 kPa) may be used provided the calculated test pressure is 4 bar or less based on the MAWP of the hazardous material, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.  
DOT Packaging Exceptions (49 CFR 173.xxx) : 154  
DOT Packaging Non Bulk (49 CFR 173.xxx) : 202  
DOT Packaging Bulk (49 CFR 173.xxx) : 242  
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 1 L  
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 30 L  
DOT Vessel Stowage Location : B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.  
DOT Vessel Stowage Other : 40 - Stow "clear of living quarters"; 52 - Stow "separated from" acids

### IMDG

Special provision (IMDG) : 274  
Limited quantities (IMDG) : 1 L

# Foam Brite

## 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)

|                                    |                                                                                 |
|------------------------------------|---------------------------------------------------------------------------------|
| Excepted quantities (IMDG)         | : E2                                                                            |
| Packing instructions (IMDG)        | : P001                                                                          |
| IBC packing instructions (IMDG)    | : IBC02                                                                         |
| Tank instructions (IMDG)           | : T11                                                                           |
| Tank special provisions (IMDG)     | : TP2, TP27                                                                     |
| EmS-No. (Fire)                     | : F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE                              |
| EmS-No. (Spillage)                 | : S-B - SPILLAGE SCHEDULE Bravo - CORROSIVE SUBSTANCES                          |
| Stowage category (IMDG)            | : B                                                                             |
| Stowage and handling (IMDG)        | : SW2                                                                           |
| Segregation (IMDG)                 | : SGG18, SG35                                                                   |
| Properties and observations (IMDG) | : Reacts violently with acids. Causes burns to skin, eyes and mucous membranes. |

### IATA

|                                              |            |
|----------------------------------------------|------------|
| PCA Excepted quantities (IATA)               | : E2       |
| PCA Limited quantities (IATA)                | : Y840     |
| PCA limited quantity max net quantity (IATA) | : 0.5L     |
| PCA packing instructions (IATA)              | : 851      |
| PCA max net quantity (IATA)                  | : 1L       |
| CAO packing instructions (IATA)              | : 855      |
| CAO max net quantity (IATA)                  | : 30L      |
| Special provision (IATA)                     | : A3, A803 |
| ERG code (IATA)                              | : 8L       |

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

Not applicable

## SECTION 15 Regulatory information

All components of this product are present on DSL

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

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

### Sodium hydroxide (1310-73-2)

|           |         |
|-----------|---------|
| CERCLA RQ | 1000 lb |
|-----------|---------|

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

| Component                   | State or local regulations                                                                                                                                                                                                   |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sodium hydroxide(1310-73-2) | 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; U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List |

# Foam Brite

## 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 16 Other Information

Issue date : 09/15/2026

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

Prepared by: Nu-Calgon Technical Service Phone: (314) 469-7000.

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.