

Safety Data Sheet

A/C Re~New (4057-55a, 4057-56a)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Trade Name: A/C Re~New

Revision Date: 9/17/25

Created Date: 9/16/25

1.2 Relevant identified uses of the substance or mixture and uses advised against

Synthetic Performance Refrigeration Lubricant.

1.3 Details of the supplier of the safety data sheet

Nu-Calgon Wholesaler, Inc.

2611 Schuetz Road

St. Louis, MO 63043 US

Phone: +1-314-469-7000 / +1-800-554-5499

1.4 Emergency telephone number

CHEMTREC: (800) 424-9300 (USA)

+1-703-741-5970 (International)

Poison Control: (800) 222-1222 (USA)

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

In compliance with OSHA Hazard Communication Standard 2024 (29 CFR 1910.1200).

Skin Irritation, Category 2

Sensitization (Skin), Category 1A

Germ Cell Mutagenicity, Category 1B

Carcinogenicity, Category 2

Reproductive Toxicity, Category 2

2.2 Label elements



Signal Word

Danger

Hazard Statements

H315-Causes skin irritation.

H317-May cause an allergic skin reaction.

H340-May cause genetic defects.

H351-Suspected of causing cancer.

H361-Suspected of damaging fertility or the unborn child.

Precautionary Statements

Prevention

P201-Obtain special instructions before use.

P202-Do not handle until all safety precautions have been read and understood.

P261-Avoid breathing dust/fume/gas/mist/vapors/spray.

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P264-Wash skin thoroughly after handling.

P272-Contaminated work clothing must not be allowed out of the workplace.

P280-Wear protective gloves/protective clothing/eye protection/face protection.

Response

P302+P352-If on skin: Wash with plenty of water.

P308+P313-IF exposed or concerned: Get medical advice/attention.

P332+P313-IF SKIN irritation occurs: Get medical attention.

P362-Take off contaminated clothing and wash it before reuse.

Storage

P405-Store locked up.

Disposal

P501-Dispose of contents/container to a licensed contractor in accordance with local/regional/national/international regulations.

2.3 Other hazards

None known.

2.4 Unknown Acute Toxicity (US)

None known.

SECTION 3: Composition / information on ingredient(s)

Chemical Name	CAS Number	EC #	Concentration % by Weight
Antioxidant	-		1-5
Acid neutralizer	-		1-5
Phosphorus antiwear	-		1-5
Corrosion and antiwear	-		0.1-1
Synthetic alkylate	-		7-13

Additional Information

Ingredients and composition are withheld as trade secret in accordance with 29CFR1910.1200(i).

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes

None known.

After inhalation

Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

After skin contact

Get medical attention immediately. Call a poison center or physician. Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing

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thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

After eye contact

Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.

After ingestion

Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.
Loosen tight clothing such as a collar, tie, belt or waistband.

Self-protection of the first aider

None known.

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed

None known.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media Dry chemical, CO₂, Foam, Fog.

Unsuitable extinguishing media Do not use water stream or water jet.

5.2 Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

5.3 Advice for firefighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

6.2 Environmental precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and material for containment and cleaning up

For small spills: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed

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waste disposal contractor.

For large spills: Stop leak if without risk. Move containers from spill area. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

6.4 Reference to other sections

None known.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Put on appropriate personal protective equipment. Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read.

and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilate area, away from incompatible materials and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

7.3 Incompatibilities/Specific end uses(s)

Incompatibilities	None known.
Specific end use(s)	None known.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

None known.

8.2 Engineering Controls/Exposure Controls

Engineering controls

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Eye washes and showers for emergency use.

Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

8.3 Protective Measures

Eye/face protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/ or face shield. If inhalation hazards exist, a full-face respirator may be required instead. Recommended: splash goggles.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is

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necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Other Skin protection

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Recommended: chemical-resistant protective suit.

Other protection

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection

Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

General hygiene consideration

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.

Thermal hazards

None known.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Property	Value
Appearance	None known.
Autoignition Temperature	None known.
Boiling Point	None known.
Colors	Yellow.
Density	0.9449 g/ml at 68°F/20°C.
Flash Point	320°F/160°C.
Melting/Freezing Point	None known.
Pour Point	None known.
Solubility	Insoluble.
State of Matter	Liquid.
Vapor Density	None known.
Vapor Pressure	None known.
Viscosity, kinematic	41 cSt at 104°F/40°C.
Viscosity, kinematic	None known.
Water Miscibility	None known.
pH Value	None known.

9.2 Other information

None known.

SECTION 10: Stability and Reactivity

10.1 Reactivity

No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

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Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid

Avoid overheating to minimize fume production.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Source

Skin contact	None known.
Eye contact	None known.
Inhalation	None known.
Ingestion	None known.
Symptoms related to characteristics	None known.
Acute effects	None known.
Chronic effects	None known.

Numerical measures of Toxicity

None known.

Skin corrosion/irritation	Not a classified hazard.
Serious eye damage/eye irritation	Not a classified hazard.
Respiratory sensitization	Not a classified hazard.
Skin sensitization	Not a classified hazard.
Carcinogenicity	Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.
Germ cell mutagenicity	May cause genetic defects.
Reproductive toxicity	Suspected of damaging fertility.
Specific target organ toxicity - single exposure	Not a classified hazard.
Specific target organ toxicity - repeated exposure	None known.
Aspiration hazard	Not a classified hazard.

Additional Information

May cause damage to organs through prolonged or repeated exposure. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

SECTION 12: Ecological information

12.1 Toxicity

12.1 Numerical measures of Toxicity Not expected to be an environmental hazard.

None known.

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12.2 Persistence and degradability

Readily biodegradable.

12.3 Bioaccumulative potential

Not expected to bio-accumulate.

12.4 Mobility in soil

Low mobility due to low water solubility.

12.5 Results of PBT and vPvB assessment

None known.

12.6 Other adverse effects

None known.

12.7 Additional Information

None known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Handling for disposal

None known.

Methods of disposal

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Contaminated packaging

None known.

SECTION 14: Transport Information

D.O.T/ADR/RID - Ground transportation

14.1 UN number

14.2 UN proper shipping name

Not regulated for transportation by DOT.

14.3 Transport hazard class(es)

None known.

14.4 Packing group

None known.

14.5 Environmental hazards

Marine Pollutant: Yes

None known.

14.6. Special precautions for user

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None known.

14.7. Transport in bulk according to Annex II of Marpol112 and the IBC Code

None known.

Additional Information

Product may be hazardous for international transport.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Country or region	Inventory List	Listed or Exempt (yes/no)
United States of America	United States - Toxic Substance Control Act (TSCA)	Yes

15.2 Chemical Safety Assessment



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

Additional Information

Right to Know List
New Jersey: CAS 122-39-4
Pennsylvania: CAS 122-39-4

SECTION 16: Other Information

Specific Hazard N/A.

HMIS Ratings

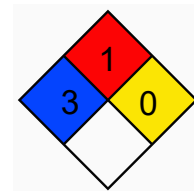
HEALTH	3
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

3 - Extreme danger.

1 - Above 200°F.

0 - Stable, even under fire conditions and will not react with water, etc.

NFPA



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