



SAFETY DATA SHEET

CP4214-320



1. CHEMICAL PRODUCT AND COMPANY INFORMATION

PRODUCT: CP4214-320
CHEMICAL NAME/FAMILY: POLYOL ESTER
OTHER NAME: Refrigerant Oil
DISTRIBUTOR: NATIONAL REFRIGERANTS, INC.
ADDRESS: 11401 Roosevelt Boulevard Phila., Pa. 19154
INFORMATION: 800-262-0012
DATE: 01/2024

HMIS:

H	F	R
0	1	0

EMERGENCY: 800-424-9300
PREPARER: Matt Callahan

2. HAZARDOUS IDENTIFICATION

CLASSIFICATION: Not classified according to 29 CFR 1910.1200 (2012)

OTHER HAZARDS: SKIN AND EYE CONTACT: Prolonged contact may cause minor skin irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS#</u>	<u>WEIGHT</u>
Lubricant	Proprietary	100%

*The components are not hazardous or are below the required disclosure limits.

COMMON NAMES AND SYNONYMS

Refrigerant Oil

There are no stabilizers or impurities that contribute to the classification of the material identified in section 2

4. FIRST AID MEASURES

Ingestion: Treat symptomatically. Get medical attention.

Skin: Upon contact with skin, wash exposed area with soap and water. If irritation occurs get medical attention.

Inhalation: Remove to fresh air and consult physician.

Eye Contact: Immediately flush eyes with water and continue washing for at least 15 minutes. Obtain medical attention if irritation persists.



SAFETY DATA SHEET CP4214-320

5. FIRE FIGHTING MEASURES

Extinguishing Media: Dry Chemical; CO₂ Foam; Water Spray (fog) to cool and protect exposures

Unusual Fire and Explosion Hazards: None

Special Fire Fighting Procedures: Toxic fumes, gases or vapors may evolve on burning. Firefighters should use NIOSH/MNSA- approved self-contained breathing apparatus. Use water to cool fire-exposed containers. Use water carefully near exposed liquid to avoid frothing and splashing of hot liquid.

6. ACCIDENTAL RELEASE MEASURES

In Case of Spill: Stop the source of the spill. Dike the spill area. Use absorbent materials to soak up fluid (i.e. sand, sawdust, commercially available materials). Avoid releases to the environment. Properly dispose of all materials.

Personal Precautions: Wear suitable protective equipment, especially goggles.

7. HANDLING AND STORAGE

Handling Precautions: Wear appropriate personal protective equipment. Do not take internally. Avoid contact with skin, eyes, and clothing. Upon contact with skin, wash exposed area with soap and water. If product enter the eyes, flush with water for 15 minutes and consult a physician. Wash contaminated clothing before reuse.

Storage Requirements: Keep container tightly sealed when not in use. Provide adequate ventilation. Store away from incompatible materials (See Section 10).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Local exhaust.

Situations to Avoid: Avoid breathing oil mists.

Respiratory Protection: None of the components have established exposure limits. Use in well ventilated area.

Hand Protection / Protective Gloves: Neoprene. Or, other suitable impermeable material. especially for prolonged exposure.

Eye/Face Protection: Safety glasses or goggles.



SAFETY DATA SHEET CP4214-320

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear to yellow/brown liquid
ODOR:	Mild, distinct
ODOR THRESHOLD:	No data available
PH:	No data available
MELTING POINT/FREEZING POINT:	No data available
BOILING POINT:	No data available
FLASH POINT:	>271°C (520°F) Cleve. Open Cup
EVAPORATION RATE:	No data available
FLAMMABILITY:	No data available
LEL/UEL:	No data available
VAPOR PRESSURE:	No data available
VAPOR DENSITY:	No data available
RELATIVE DENSITY:	0.99-1.03 (water = 1)
SOLUBILITY:	Insoluble
PARTITION COEFFICIENT	
n-Octanol/water:	No data available
AUTO IGNITION TEMPERATURE:	No data available
DECOMPOSITION TEMPERATURE:	No data available
VISCOSITY:	No data available

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions

Incompatible Materials: Strong oxidizers, Strong Acids, Strong Bases

Conditions to Avoid: None determined

Hazardous Decomposition Products: Analogous compounds evolve carbon monoxide, carbon dioxide, and other products of incomplete combustion.

Hazardous Reactions: Will not occur.

11. TOXICOLOGICAL INFORMATION

- ACUTE EXPOSURE -

Eye Irritation	No data available.
Skin Irritation	Not expected to be a primary skin irritant. Based on data from components or similar materials.
Respiratory Irritation	No data available.
Dermal Toxicity	Not classified for acute toxicity based on available data..
Inhalation Toxicity	No data available.
Oral Toxicity	Not classified for acute toxicity based on available data.
Dermal Sensitization	No data available to indicate product or components may be a skin sensitizer.
Inhalation Sensitization	No data available to indicate product or components may be respiratory sensitizers.



SAFETY DATA SHEET

CP4214-320

- CHRONIC EXPOSURE -

Chronic Toxicity	No data available to indicate product or components present at greater than 1% are chronic health hazards.
Carcinogenicity	No data available to indicate any components present at greater than 0.1% may present a carcinogenic hazard.
Mutagenicity:	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Reproductive Toxicity	No data available to indicate either product or components present at greater than 0.1% that may cause reproductive toxicity.
Teratogenicity	No data available to indicate product or any components contained at greater than 0.1% may cause birth defects.

- ADDITIONAL INFORMATION -

Other No other health hazards known.

12. ECOLOGICAL INFORMATION

- ENVIRONMENTAL TOXICITY -

Freshwater Fish Toxicity	No data available.
Freshwater Invertebrates Toxicity	No data available.
Algal Inhibition	No data available.
Saltwater Fish Toxicity	No data available.
Saltwater Invertebrates Toxicity	No data available.
Bacteria Toxicity	No data available.
Miscellaneous Toxicity	No data available.

- ENVIRONMENTAL FATE -

Biodegradation	No data available.
Bioaccumulation	No data available.
Soil Mobility	No data available.

13. DISPOSAL CONSIDERATIONS

Treatment, storage, transportation, and disposal must be in accordance with your Local, Provincial/State, and Federal regulations. Follow warning labels even after container is emptied.

14. TRANSPORTATION INFORMATION

DOT Classification: This product is not regulated by DOT.

15. REGULATORY INFORMATION

US Federal Regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4)

None present or none present in regulated quantities.



SAFETY DATA SHEET

CP4214-320

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 311 Classifications

Not classified

SARA 302 Extremely Hazardous Substance

None present or none present in regulated quantities.

SARA 304 Emergency Release Notification

None present or none present in regulated quantities.

SARA 313 (TRI Reporting)

None present or none present in regulated quantities.

US State Regulations

US. California Proposition 65

No ingredient regulated by CA Prop 65 present.

16. OTHER INFORMATION

HMIS:	H	F	R
	0	1	0

DISCLAIMER

INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BELIEVED TO BE ACCURATE AT THE TIME OF PREPARATION. NO WARRANTY IS MADE CONCERNING THE ACCURACY AND NO LIABILITY SHALL BE MADE FOR CLAIMS FOR USE OR RELIANCE OF THE RECOMMENDATIONS CONTAINED HEREIN