

SAFETY DATA SHEET



Date Prepared : 04/17/18

A/C RENEW (Connect Inject) (4057-56, 4057-55, 4057-54)

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: A/C RENEW (Connect Inject) (4057-56, 4057-55, 4057-54)**PRODUCT DESCRIPTION:** Refrigeration Lubricant Additive**MANUFACTURER**

Nu-Calgon
2611 Schuetz Road
St. Louis, MO 63043
Emergency Phone:
800-554-5499

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC: 800-424-9300

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS**Health:**

Skin Irritation, Category 2

GHS LABEL**SIGNAL WORD:** WARNING**HAZARD STATEMENTS**

H315: Causes skin irritation.

PRECAUTIONARY**STATEMENTS****Prevention:**

P264: Wash skin thoroughly after handling.

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

Response:

P302+P352: IF ON SKIN: Wash with plenty of water.

P321: Specific treatment (see first aid measures on this label).

P332+P313: If skin irritation rash occurs: Get medical advice/attention.

P362: Take off contaminated clothing and wash before reuse.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Proprietary Ester	*	Proprietary
Benzene, C10-16- Alkyl Derivs.	*	Proprietary

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

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

SKIN: Immediately rinse skin with plenty of water. If irritation occurs, remove affected clothing. Get medical attention if irritation persists. Wash affected clothing separately before reuse.

INGESTION: Rinse mouth with water. Drink plenty of water. Do not induce vomiting. Get immediate medical attention if you feel unwell. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air. If breathing is difficult seek medical attention.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: May cause eye irritation.

SKIN: Mild skin irritation.

INGESTION: May cause gastrointestinal irritation, nausea, and diarrhea.

ACUTE EFFECTS: None Expected.

CHRONIC EFFECTS: None Expected.

NOTES TO PHYSICIAN: Treat symptomatically.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Non-flammable.

GENERAL HAZARD: Do NOT use water stream or water jet.

EXTINGUISHING MEDIA: Use extinguishing media appropriate to surrounding fire. CO2, dry chemical, water spray, foam.

HAZARDOUS COMBUSTION PRODUCTS: May produce toxic fumes.

OTHER CONSIDERATIONS: Keep adjacent containers cool with water spray. Not classified as flammable but will burn.

EXPLOSION HAZARDS: None Expected.

FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

FIRE FIGHTING EQUIPMENT: In case of fire, wear a full-face positive pressure self contained breathing apparatus and protective suit.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxidizers of carbon.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Contain and soak up spill with absorbent material. Place residues in a suitable, sealed and labeled container.

LARGE SPILL: Contain spill with inert, absorbent material. Reclam into recovery or salvage drums or vacuum truck for proper disposal.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Prevent material from entering drains or watercourses using sand, earth or other appropriate barriers.

LAND SPILL: Prevent contamination of the soil.

GENERAL PROCEDURES: Avoid contact with skin or eyes. Avoid contact with spilled materials. Use appropriate personal protective equipment.

SPECIAL PROTECTIVE EQUIPMENT: Use protective equipment recommended in Section 8.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Handle in accordance with good industrial hygiene and safety practices.

HANDLING: Use only in a well ventilated area. Avoid breathing (dust, vapor, mist, gas). Avoid contact with eyes, skin, and clothing. Keep away from heat and flame. Wash hands before eating, drinking, or smoking.

STORAGE: Keep container tightly closed in a dry, well-ventilated place. Store away from incompatible materials (see section 10).

STORAGE TEMPERATURE: Ambient

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Mechanical ventilation is recommended when working at elevated temperatures. Eye washes and showers for emergency use.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields (or goggles) or a face shield.

SKIN: Use protective clothing, sleeves, boots, face protection and chemical resistant gloves. Use extra precautions when working with heated materials.

RESPIRATORY: Use appropriate NIOSH approved respirator if necessary or risk of insufficient ventilation.

WORK HYGIENIC PRACTICES: Wash hands, forearms and face before eating, drinking, smoking and using the restroom. Launder contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

APPEARANCE: Amber/Yellow Liquid

COLOR: Clear to Orange.

PHYSICAL STATE COMMENTS: Clear, bright, viscous.

pH: Not Available

FLASH POINT AND METHOD: > 165°C COC-ASTM D-92

FLAMMABLE LIMITS: Not Available

AUTOIGNITION TEMPERATURE: Not Available

BOILING POINT: Not Available

POUR POINT: < -25°C

THERMAL DECOMPOSITION: Not Available

SPECIFIC GRAVITY: ~ 0.91 at 20°C

VISCOSITY #1: 75 to 100 cSt at 40°C

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: None Expected.

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: Excessive heat, sparks or open flames.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon.

INCOMPATIBLE MATERIALS: Strong oxidizers. Strong Lewis or mineral acids. Alkaline materials.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

DERMAL LD₅₀: > 10000 mg/kg - Rabbit

ORAL LD₅₀: > 5000 mg/kg - rat

SERIOUS EYE DAMAGE/IRRITATION: Not a primary irritant.

RESPIRATORY OR SKIN SENSITISATION: None Expected.

GERM CELL MUTAGENICITY: None Expected.

CARCINOGENICITY

NOTES: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, NTP, ACGIH or OSHA.

REPRODUCTIVE TOXICITY: Not Available

STOT-SINGLE EXPOSURE: Not Available

STOT-REPEATED EXPOSURE: Not Available

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Ecotoxicological data have not been determined specifically for this product. The information below is given based on knowledge of the components.

ECOTOXICOLOGICAL INFORMATION: This product is not expected to be toxic to aquatic life.

BIOACCUMULATION/ACCUMULATION: Expected to have a very slow rate of bioaccumulation.

DISTRIBUTION: Insoluble in water. Adsorbs to soil and has low mobility.

AQUATIC TOXICITY (ACUTE): Not Available

CHEMICAL FATE INFORMATION: Readily biodegradable.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of contents/container to a licensed contractor or facility in accordance with local, state and federal regulations.

EMPTY CONTAINER: Clean container thoroughly and dispose to licensed disposal contractor.

RCRA/EPA WASTE INFORMATION: This product does not meet the criteria of a hazardous waste as defined in 40 CFR 261 as it does not exhibit the characteristics of hazardous waste.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not regulated for transport

15. REGULATORY INFORMATION

UNITED STATES

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: All components listed or exempt.

CANADA

DOMESTIC SUBSTANCE LIST (INVENTORY): All components are listed or exempt.

16. OTHER INFORMATION

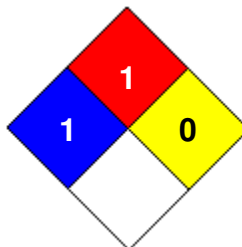
REASON FOR ISSUE: New

Date Prepared: 04/17/2018

HMIS RATING

HEALTH	<input type="text"/>	1
FLAMMABILITY	<input type="text"/>	1
PHYSICAL HAZARD	<input type="text"/>	0
PERSONAL PROTECTION	<input type="text"/>	

NFPA CODES



MANUFACTURER DISCLAIMER: The information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modification of the information, we

do not assume any responsibility for the result of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.



MATERIAL SAFETY DATA SHEET

24-HOUR EMERGENCY ASSISTANCE

CHEMTREC: 800-424-9300

Nu-Calgon: 800-554-5499

For hazard identification, acute and chronic health effects refer to the discussion in Section 3

SECTION 1 NAME

PRODUCT **A/C Re~New (4057-55, 4057-54)**
CHEMICAL NAME Lubricant Additive (non-chlorinated)
Use/Applications AC/Refrigeration Performance Enhancer

SECTION 2 PRODUCT/INGREDIENT

THIS PRODUCT IS CONSIDERED AS NON-HAZARDOUS (SEE SECTION 14).

COMPONENT	CHEMICAL NAME	%BY WEIGHT
Lubricant	Synthetic Lubricant(s)	10 – 60%
Lubricant	Hydrocarbon Lubricant	5-20%
Additive package*	Lubricant additives	40 – 65%

* Composition/specific chemical identities are withheld as a trade secret under the provisions of OSHA hazard communication standard 29 CFR 1910.1200

SECTION 3 HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

Appearance: Oil aroma, clear yellow to golden colored liquid

Hazardous Material	Health	1	National Fire Protection
Information System	Fire	1	Association NFPA
(United States)	Reactivity	0	(United States)
	Personal protection		

POTENTIAL HEALTH EFFECTS

Primary Route of Exposure: Skin

EFFECTS OF OVEREXPOSURE

EYES: Expected to cause no more than minor eye irritation. Application of a similar product into the eyes of rabbits produced very slight membrane irritation without corneal injury. Avoid eye contact as good industrial practice.

SKIN: Not a primary skin irritant but may cause skin irritation on repeated or prolonged contact. Application of a similar product onto the skin of rabbits produced slight erythmia and edema.

INHALATION: Avoid breathing vapor or mist. Under normal use conditions, this product is not an inhalation hazard. Prolonged exposure to vapors may cause dizziness and headaches.

INGESTION: May cause nausea. Not expected to be acutely toxic by ingestion.

There is no evidence that this product aggravates an existing medical condition.

OTHER REMARKS: None.

SECTION 4 FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes while holding the eyelids open. If irritation persists, see a physician.

SKIN: Remove contaminated clothing. Wash skin thoroughly with soap and water. Launder contaminated clothing. See a doctor if irritation persists.

INGESTION: If swallowed, call a physician immediately. ONLY induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person. If medical advice cannot be obtained, take the person, product container and MSDS to the nearest medical emergency center.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration and seek medical attention immediately. Remove material from eyes, skin and clothing.

SECTION 5 FIRE-FIGHTING MEASURES

Flash Point (degrees C), Cleveland Open Cup
>176C

Flammable Limits % (Lower-Upper):

Lower: Not determined
Upper: Not determined.

Recommended Fire Extinguishing Agents and Special Procedures:

Use water spray, dry chemical, foam, or carbon dioxide to extinguish flames. Use water spray to cool fire-exposed containers. Water or foam may cause frothing.

Unusual or Explosive Hazards: None.

Special Protective Equipment for Firefighters:

Wear full protective clothing and positive pressure breathing apparatus.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Procedures in Case of Accidental Release, Breakage or Leakage:

Ventilate area. Avoid breathing vapor. Wear appropriate personal protective equipment, including appropriate respiratory protection. Contain spill if possible. Wipe up or absorb on suitable material and shovel up. Prevent entry into sewers and waterways. Avoid contact with skin, eyes or clothing.

SECTION 7 HANDLING AND STORAGE

Precautions to be Taken in:

Handling: Minimum feasible handling temperatures should be maintained.

Storage: Periods of exposure to high temperatures should be minimized. Water contamination should be avoided.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Equipment (Type)

Eye/Face Protection:

Safety glasses, chemical type goggles, or face shield recommended to prevent eye contact.

Skin Protection:

Protective clothing such as coveralls or lab coats should be worn. Launder or dry-clean when soiled. Gloves and boots resistant to chemicals and petroleum distillates required. Exposed workers should wash exposed skin several times daily with soap and water.

Remove and dry-clean or launder clothing soaked or soiled with this material before reuse. Dry cleaning of contaminated clothing may be more effective than normal laundering. Inform individuals responsible for cleaning of potential hazards associated with handling contaminated clothing.

Respiratory Protection:

Airborne concentrations should be kept to lowest levels possible. If vapor, dust or mist is generated and the occupational exposure limit of the product, or any component of the product, is exceeded, use appropriate NIOSH or MSHA approved air purifying or air-supplied respirator after determining the airborne concentration of the contaminant.

Air supplied respirators should always be worn when airborne concentration of the contaminant or oxygen content is unknown.

Ventilation:

Local exhaust ventilation recommended if generating vapor, dust, or mist. If exhaust ventilation is not available or inadequate, use MSHA or NIOSH approved respirator as appropriate.

Exposure Limit for the Total Product: None established for product

SECTION 9	PHYSICAL AND CHEMICAL PROPERTIES
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Appearance:	Ordinary oily odor, clear liquid (lubricant additive)
Boiling point (deg C):	> 300C(>572F) at atmospheric pressure (lubricant additive)
Melting/Freezing Point (deg C):	Not determined
Specific Gravity (water=1):	.8904 (lubricant additive)
pH:	Not applicable
Vapor Pressure:	Not determined
Vapor Density (Air=1):	Not determined
Solubility in Water (%):	Negligible
Other:	None

SECTION 10	STABILITY AND REACTIVITY
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Stability:	Stable (thermal, light).
Incompatibility:	May react with strong oxidizing materials.
Hazardous Decomposition Products:	Normal combustion forms carbon dioxide and water vapor. Incomplete combustion can form carbon monoxide.
Hazardous Polymerization:	Will not occur.

SECTION 11	TOXICOLOGICAL INFORMATION
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TOXICOLOGICAL INFORMATION (ANIMAL TOXICITY DATA)

Oral:	LD50 believed to be > 5 g/kg (rat) practically non-toxic
Inhalation:	Not determined
Dermal:	LD50 believed to be > 10 g/kg (rabbit) practically non-toxic

IRRITATION INDEX, ESTIMATION OF IRRITATION (SPECIES)

Skin:	(Draize) believed to be between 3-5 (rabbit) moderately irritating (maximum 8)
Eyes:	(Draize) believed to be < 15 (rabbit) no appreciable effect (maximum 110)
Sensitization:	Not determined
Other:	This product, or a component of this product, has been shown to damage red blood cells or blood forming organs, and has caused anemia in laboratory animals.

SECTION 12	DISPOSAL CONSIDERATIONS
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Waste Disposal Methods:

This product has been evaluated for RCRA characteristics and does not meet the criteria of a hazardous waste if discarded in its purchased form. Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This is because product uses, transformations, mixtures, processes, etc. may render the resulting materials hazardous.

Remarks: None.

SECTION 13	TRANSPORT INFORMATION
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Transportation

DOT: Not regulated according to DOT.

IMDG: Not regulated according to IMDG.

ICAO/IATA: Not regulated according to ICAO/IATA.

TDG: Not regulated according to TDG.

SECTION 14	REGULATORY INFORMATION
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FEDERAL REGULATIONS

This product and/or its components are considered non-hazardous by the following standards:

OSHA Hazard Comm. Standard Classification

SARA Title III Section 311 Hazardous Categorization

No chemicals subject to reporting per the following standards:

SARA Title III Section 302/304 Extremely Hazardous Substances.

SARA Title III Section 313 Toxic Chemical.

CERCLA 102(a)/DOT Hazardous Substances.

California Prop. 65

States Right-to-Know Regulations.

State list: CT (Connecticut), FL (Florida), IL (Illinois), MI (Michigan),
LA (Louisiana), MA (Massachusetts), NJ (New Jersey),
PA (Pennsylvania), RI (Rhode Island)

INTERNATIONAL REGULATIONS

TSCA Inventory Status: This product, or its components, are listed on, or are exempt from the Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

Canadian Inventory Status: This product, or its components, are listed on or are exempt from the Canadian Domestic Substance List (DSL).

EINECS Inventory Status: This product, or its components, are listed on or are exempt from the European Inventory of Existing Chemical Substances (EINECS) or the European List of Notified Chemical Substances (ELINCS).

Australian Inventory Status: Not determined.

Japan Inventory Status: Not determined.

SECTION 15**ENVIRONMENTAL INFORMATION**

Biodegradability: Estimated to be less than 40% degradation over a test period of more than 28 days.

Potential to Bioaccumulation: This product is estimated to have a very slow rate of bioaccumulation.

Remarks: None

SECTION 16**OTHER INFORMATION**

None

Date of Revision: July 31, 2014

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.



MATERIAL SAFETY DATA SHEET

24-HOUR EMERGENCY ASSISTANCE

CHEMTREC: 800-424-9300 Nu-Calgon: 800-554-5499

For hazard identification, acute and chronic health effects refer to the discussion in Section 3

SECTION 1	NAME
PRODUCT	A/C Re~New (4057-50)
CHEMICAL NAME	Lubricant Additive
Use/Applications	Performance Improvement

SECTION 2 PRODUCT/INGREDIENT

THIS PRODUCT IS CONSIDERED AS NON-HAZARDOUS (SEE SECTION 14).

COMPONENT	CHEMICAL NAME	%BY WEIGHT
Refrigerant (R-22)	chlorodifluoromethane	25 – 45%
Additive package*	Lubricant additives	55 – 75%

* Composition/specific chemical identities are withheld as a trade secret under the provisions of OSHA hazard communication standard 29 CFR 1910.1200

SECTION 3 HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

Appearance: A viscous oily appearance with clear yellow to golden colored liquid

Hazardous Material	Health	1	National Fire Protection
Information System	Fire	1	Association NFPA
(United States)	Reactivity	0	(United States)
	Personal protection		

POTENTIAL HEALTH EFFECTS

Primary Route of Exposure: Skin

EFFECTS OF OVEREXPOSURE

EYES: Expected to cause no more than minor eye irritation. Application of a similar product into the eyes of rabbits produced very slight membrane irritation without corneal injury. Avoid eye contact as good industrial practice.

SKIN: Not a primary skin irritant but may cause skin irritation on repeated or prolonged contact. Application of a similar product onto the skin of rabbits produced slight erythmia and edema.

INHALATION: Avoid breathing vapor or mist. Under normal use conditions, this product is not an inhalation hazard. Prolonged exposure to vapors may cause dizziness and headaches.

INGESTION: May cause nausea. Not expected to be acutely toxic by ingestion.

There is no evidence that this product aggravates an existing medical condition.

OTHER REMARKS: None.

SECTION 4 FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes while holding the eyelids open. If irritation persists, see a physician.

SKIN: Remove contaminated clothing. Wash skin thoroughly with soap and water. Launder contaminated clothing. See a doctor if irritation persists.

INGESTION: If swallowed, call a physician immediately. ONLY induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person. If medical advice cannot be obtained, take the person, product container and MSDS to the nearest medical emergency center.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration and seek medical attention immediately. Remove material from eyes, skin and clothing.

SECTION 5 FIRE-FIGHTING MEASURES

Flash Point (degrees C), Cleveland Open Cup for oil additive product; gas is non-flammable.
>200C

Flammable Limits % (Lower-Upper):

Lower: Not determined
Upper: Not determined.

Recommended Fire Extinguishing Agents and Special Procedures:

Use water spray, dry chemical, foam, or carbon dioxide to extinguish flames. Use water spray to cool fire-exposed containers. Water or foam may cause frothing.

Unusual or Explosive Hazards: None.

Special Protective Equipment for Firefighters:

Wear full protective clothing and positive pressure breathing apparatus.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Procedures in Case of Accidental Release, Breakage or Leakage:

Ventilate area. Avoid breathing vapor. Wear appropriate personal protective equipment, including appropriate respiratory protection. Contain spill if possible. Wipe up or absorb on suitable material and shovel up. Prevent entry into sewers and waterways. Avoid contact with skin, eyes or clothing.

SECTION 7 HANDLING AND STORAGE

Precautions to be Taken in:

Handling: Minimum feasible handling temperatures should be maintained.

Storage: Periods of exposure to high temperatures should be minimized. Water contamination should be avoided.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Equipment (Type)

Eye/Face Protection:

Safety glasses, chemical type goggles, or face shield recommended to prevent eye contact.

Skin Protection:

Protective clothing such as coveralls or lab coats should be worn. Launder or dry-clean when soiled. Gloves and boots resistant to chemicals and petroleum distillates required. Exposed workers should wash exposed skin several times daily with soap and water.

Remove and dry-clean or launder clothing soaked or soiled with this material before reuse. Dry cleaning of contaminated clothing may be more effective than normal laundering. Inform individuals responsible for cleaning of potential hazards associated with handling contaminated clothing.

Respiratory Protection:

Airborne concentrations should be kept to lowest levels possible. If vapor, dust or mist is generated and the occupational exposure limit of the product, or any component of the product, is exceeded, use appropriate NIOSH or MSHA approved air purifying or air-supplied respirator after determining the airborne concentration of the contaminant.

Air supplied respirators should always be worn when airborne concentration of the contaminant or oxygen content is unknown.

Ventilation:

Local exhaust ventilation recommended if generating vapor, dust, or mist. If exhaust ventilation is not available or inadequate, use MSHA or NIOSH approved respirator as appropriate.

Exposure Limit for the Total Product: None established for product

SECTION 9	PHYSICAL AND CHEMICAL PROPERTIES
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Appearance:	Ordinary oily odor, clear liquid (lubricant additive)
Boiling point (deg C):	> 300C(>572F) at atmospheric pressure (lubricant additive)
Melting/Freezing Point (deg C):	Not determined
Specific Gravity (water=1):	1.05 (lubricant additive)
pH:	Not applicable
Vapor Pressure:	Not determined
Vapor Density (Air=1):	Not determined
Solubility in Water (%):	Negligible
Other:	None

SECTION 10	STABILITY AND REACTIVITY
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Stability:	Stable (thermal, light).
Incompatibility:	May react with strong oxidizing materials.
Hazardous Decomposition Products:	Normal combustion forms carbon dioxide and water vapor. Incomplete combustion can form carbon monoxide.
Hazardous Polymerization:	Will not occur.

SECTION 11	TOXICOLOGICAL INFORMATION
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Skin:	(Draize) believed to be between 3-5 (rabbit) moderately irritating (maximum 8)
Eyes:	(Draize) believed to be < 15 (rabbit) no appreciable effect (maximum 110)
Sensitization:	Not determined
Other:	This product, or a component of this product, has been shown to damage red blood cells or blood forming organs, and has caused anemia in laboratory animals.

SECTION 12	DISPOSAL CONSIDERATIONS
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Waste Disposal Methods:

This product has been evaluated for RCRA characteristics and does not meet the criteria of a hazardous waste if discarded in its purchased form. Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This is because product uses, transformations, mixtures, processes, etc. may render the resulting materials hazardous.

Remarks: None.

SECTION 13	TRANSPORT INFORMATION
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Transportation

DOT/IMO: IMO regulated product component: chlorodifluoromethane
Hazard Class: 2.2
U. N. No.: 1018
DOT/IMO label: Nonflammable gas

ICAO/IATA: ICAO/IATA regulated product component: chlorodifluoromethane
Hazard Class: 2.2
U. N. No.: 1018
DOT/IMO label: Nonflammable gas

TDG: Not regulated according to TDG.

SECTION 14	REGULATORY INFORMATION
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FEDERAL REGULATIONS

This product and/or its components are considered non-hazardous by the following standards:

OSHA Hazard Comm. Standard Classification

SARA Title III Section 311 Hazardous Categorization

No chemicals subject to reporting per the following standards:

SARA Title III Section 302/304 Extremely Hazardous Substances.

SARA Title III Section 313 Toxic Chemical.

CERCLA 102(a)/DOT Hazardous Substances.

California Prop. 65

States Right-to-Know Regulations.

State list: CT (Connecticut), FL (Florida), IL (Illinois), MI (Michigan),
LA (Louisiana), MA (Massachusetts), NJ (New Jersey),
PA (Pennsylvania), RI (Rhode Island)

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Canadian Inventory Status: This product, or its components, are listed on or are exempt from the Canadian Domestic Substance List (DSL).

EINECS Inventory Status: This product, or its components, are listed on or are exempt from the European Inventory of Existing Chemical Substances (EINECS) or the European List of Notified Chemical Substances (ELINCS).

Australian Inventory Status: Not determined.

Japan Inventory Status: Not determined.

SECTION 15	ENVIRONMENTAL INFORMATION
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Biodegradability: Estimated to be less than 40% degradation over a test period of more than 28 days.

Potential to Bioaccumulation: This product is estimated to have a very slow rate of bioaccumulation.

Remarks: None

SECTION 16	OTHER INFORMATION
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None

Date of Revision: May 13, 2010

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.