



# SAFETY DATA SHEET

**Date Issued :** 10/29/2015  
**SDS No :** 0374  
**Date Revised :** 06/10/2019  
**Revision No :** 1.1

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

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** A/C RENEW (4057-56, 4057-55, 4057-54)

**PRODUCT DESCRIPTION:** Refrigeration Lubricant Additive

**MANUFACTURER**

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

**24 HR. EMERGENCY TELEPHONE NUMBERS**

**CHEMTREC (US Transportation):** (800) 424-9300

### 2. HAZARDS IDENTIFICATION

**GHS CLASSIFICATIONS**

**Health:**

Skin Irritation, Category 2

**GHS LABEL**



Exclamation  
mark

**SIGNAL WORD:** WARNING

**HAZARD STATEMENTS**

H315: Causes skin irritation.

**PRECAUTIONARY STATEMENTS**

**Prevention:**

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

P264: Wash skin thoroughly after handling.

**Response:**

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

P361+P364: Take off immediately all contaminated clothing and wash it before reuse.

P302+P350: IF ON SKIN: Gently wash with plenty of soap and water.

### 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 LD<sub>50</sub>:** > 10000 mg/kg - Rabbit

**ORAL LD<sub>50</sub>:** > 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

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**313 REPORTABLE INGREDIENTS:** All components listed or exempt.

#### CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

**CERCLA REGULATORY:** All components listed or exempt.

#### TSCA (TOXIC SUBSTANCE CONTROL ACT)

**TSCA REGULATORY:** All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30

**CALIFORNIA PROPOSITION 65:** This product does not contain any chemicals at detectable levels known to the State of California to cause cancer, birth defects, or any other reproductive harm.

**CLEAN WATER ACT:** This material does not contain any Hazardous Chemicals listed under the U.S. Clean Water Act, Section 311, Table 117.3.

### CANADA

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

## 16. OTHER INFORMATION

**REASON FOR ISSUE:** Updated to GHS Format with GHS classification

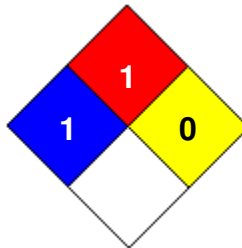
**APPROVED BY:** L.Myers      **TITLE:** Global Regulatory

**PREPARED BY:** C.Cardenas      **Date Revised:** 06/10/2019

**REVISION SUMMARY:** This SDS replaces the 10/29/2015 SDS. Revised: **Section 1:** 24 HR. EMERGENCY TELEPHONE NUMBERS. **Section 15:** CERCLA REGULATORY, CLEAN WATER ACT, 313 REPORTABLE INGREDIENTS, TSCA REGULATORY, TSCA STATUS, CALIFORNIA PROPOSITION 65.

**HMIS RATING**

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

**NFPA CODES**

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