# SAFETY DATA SHEET

# EVERCOOL UNV 50/50 (MULTI-PURPOSE GOLD ANTIFREEZE)

## Section 1 – Identification

**1.1Product Identifiers:**

**Product Name: EVERCOOL UNV 50/50 (MULTI-PURPOSE GOLD ANTIFREEZE)**

**1.2 Product Usage:**

Recommended Usage: Heat Transfer Fluid

Restrictions on Use: Dilution to 50% is generally recommended: dilute to meet local condition

**1.3 Emergency Support:**

CHEMTREC

United States +1(800) 424-9300

International +01 (703) 527-3887

**1.4 Supplier Information:**

MILES LUBRICANTS LLC
66 Marine St. Farmingdale, NY 11735
United States
Phone: 877-683-8086
Fax: 631-229-8000
**Email :**support@mileslubricants.com

www.MilesLubricants.com

## Section 2 – Hazard(s) Identifications

**Hazard Classification: Not applicable**

**Signal Word: Not applicable**

**Hazard Statement:** While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of this product.

**Signal Word: Not applicable**

**Pictogram Description: Not applicable**

**Precautionary Statement:**

Keep container tightly closed. Keep away from heat, sparks or open flames. No smoking, drinking or eating around product. Wear protective gloves, eye and face equipment. Store in a cool, dry and well-ventilated location. Avoid release to the environment.

**Any other Hazard not otherwise classified: Not applicable**

## Section 3 – Composition and Information on Ingredients

| Chemical Name | Common name and Synonyms | CAS # | %Weight |
|---|---|---|---|
| Propylene Glycol | 1,2 - Propanediol | 57-55-6 | 96% |
| Water | N/A | 7732-18-5 | 2% |
| Inhibitors & Dye | N/A | Proprietary | 2% |

## Section 4 - First Aid Measures

**Eye Contact:** Irritation may cause transitory stinging and tearing.Flush with water for at least 20 minutes. Seek medical attention if irritations develops or persists.

**Inhalation:** Vapors and mists expected to be slightly irritating to upper respiratory tract. Remove to fresh air. If symptoms persist, seek medical attention.

**Ingestion:** Very low toxicity if ingested. Ingestion of larger amounts may cause gastrointestinal upset and possible temporary central nervous system depression. DO NOT induce vomiting, seek medical attention.

**Skin:** Irritation may result. Wash skin with soap and water. Remove any contaminated clothing. Seek medical attention if irritations develop or persist.

**Other:** Not Applicable.

## Section 5 - Fire Fighting

### 5.1 Extinguishing Media

**Suitable Media & Unsuitable Media:** Water, water fog, water spray, alcohol foam, dry chemical or carbon dioxide.

**5.2 Specific hazards arising from this product:** Smoke may contain the original material in addition to but not limited to: Carbon Monoxide, Carbon Dioxide

### 5.3 Firefighters Advice

**Special protective equipment:** Fire Equipment Information: Fire-fighters should wear appropriate protective equipment and set 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

Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment.

### 6.2 Protective equipment to prevent the contamination of skin, eyes, and clothing:

Usage of safety glasses or goggles is recommended. Chemical resistant gloves, chemical resistant apron, boots, and full suit will be necessary depending on the extent of clean up task. If ventilation does not control airborne concentration then respiratory protection equipment that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements should be used.

### 6.3 Methods and materials used for containment and Cleanup procedures

Collect liquid in an appropriate container or absorb with inert material and place in chemical waste container. Do not flush to sewer. Comply with all federal, state, and local regulations.

## Section 7 - Handling & Storage

### 7.1 Safe Handling

**Precautions for safe handling:** Protect container from physical damage. Wear appropriate personal protection equipment. Do not expose containers to open flame, excessive heat, or direct sunlight. Use local exhaust over processing area. Do not eat, drink or smoke around products.

**7.2 Recommendations on the conditions for safe storage, Storage/handling incompatibilities:** Store in a cool, dry and ventilated area away from sources of heat, moisture and incompatible materials. Observe all warnings and precautions listed for the product. Keep container closed to prevent contamination.

### 7.3 Specific End Use

**Designed Purpose:** This product is designed for use as a Heat Transfer Fluid.

## Section 8 - Exposure Control

| | |
|---|---|
| OSHA Permissible Exposure Limits (PELs) | Not Applicable |
| American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Values | Not Applicable |
| Other Exposure Limits | AIHA WEEL is 10 mg/m3 for total vapor and aerosol. |

### Exposure Controls

**Engineering Controls:** Material should be handled in enclosed vessels and equipment, in which case general room ventilation should be sufficient. Local exhaust ventilation should be used at points where dust, mist, vapors or gases can escape into the room air. No special requirements under ordinary conditions of use and with adequate ventilation.

**Environmental Exposure Controls:** General room ventilation should be satisfactory. Local exhaust ventilation may be necessary if misting is generated.

**Hygiene Measures:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

**Eye / Face Protection:** If contact is likely, safety glasses with side shields are recommended.

**Skin / Hand Protection:** Butyl rubber. Use nitride or neoprene gloves. Use good industrial hygiene practices. In case of skin contact, wash hands and arms with soap and water. Use caution when opening man way covers of storage and transportation containers. 3-nitroaniline crystals may be present on the interior surface of these openings. 3-nitroaniline is toxic by dermal exposure.

**Respiratory Protection:** Use a properly fitted air purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this a necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

## Section 9 - Physical & Chemical Properties

### 9.1 Information on Basic Physical and Chemical Properties

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|---|---|
| Physical state : | Liquid |
| Color : | Clear Orange |
| Odor : | Slight to no odor |
| Odor threshold : | No Data Available |
| pH : | 9.0 – 10.5 |
| Freezing Point : | -22°F / -31°C |
| Boiling Point / Range : | 311°F / 155°C |
| Flash Point : | 225°F / 107°C |
| Evaporation rate: : | <1 |
| Upper Explosive Limits (% air) : | 12.5% (v) |
| Lower Explosive Limits (% air) : | 2.6% (v) |
| Flammability (solid, gas) : | Not Flammable |
| Vapor pressure : | 133 Pa / 0.1 mmHg |
| Vapor density (air=1) : | 2.1 |
| Relative Density : | 1.055 - 1.065 |
| Auto-ignition temperature : | > 700°F / > 370°C |
| Decomposition temperature : | Not Applicable |
| Solubility in water : | Miscible in water |
| Partition coefficient, n-octanol/water : | No Data Available |
| Viscosity : | ~75 cps at 60°F |

## Section 10 - Stability & Reactivity

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|---|---|
| Reactivity | Product is stable under typical use temperatures. |
| Chemical Stability | Product is stable under typical use temperatures. |
| Hazardous Reactions | Avoid contact with oxidizing materials strong bases and strong acids. |

| | |
|---|---|
| Conditions to Avoid | Heat, flames, ignition sources and incompatibles. |
| Incompatible Materials | Avoid contact with oxidizing agents, strong bases and strong acids. |
| Decomposition Products | Carbon dioxide and carbon monoxide may form when heated to decomposition. |

## Section 11 - Toxicological Information

Likely Routes of Exposure Eyes / Skin / Ingestion / Inhalation

| | Effects from Short Term Exposure | Effects from Long Term Exposure |
|---|---|---|
| Delayed Effects | Irritation of affected area | Irritation of affected area |
| Immediate Effects | Irritation of affected area | Irritation of affected area |
| Chronic Effects | Not Applicable | Teratogenic effects |

The numerical measures of toxicity (e.g., acute toxicity estimates such as the LD50 (median lethal dose)) - the estimated amount [of a substance] expected to kill 50% of test animals in a single dose.

Skin: LD50 - Rabbits - >10600 mg/kg Ingestion: LD50 - Rats - 7712 mg/kg; Lethal Dose Human Adult - 90mL

Description of the symptoms. This description includes the symptoms associated with exposure to the chemical including symptoms from the lowest to the most severe exposure.

Irritation, nausea, vomiting, abdominal pain, weakness, muscle tenderness, respiratory failure, convulsions, cardiovascular collapse, pulmonary edema, hypocalcemictetany, metabolic acidosis, death.

| | |
|---|---|
| Listed in the National Toxicology Program (NTP) Report on Carcinogens? | No |
| Found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs | No |
| Found to be a potential carcinogen by OSHA? | No |

## Section 12 - Ecological Information

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|---|---|
| Ecotoxicity | Low Ecotoxicity |
| Persistence and Degradability | Biodegradable |
| Bioaccumulation | Does not bioaccumulate significantly |
| Mobility in Soil | Dissolves in water. If product enters soil, it will be highly mobile and may contaminate ground water |

## Section 13 - Disposal Considerations

Do not dump into sewers, on ground or into any bodies of water. Contact local sewer, municipal, state and/or federal agencies to determine appropriate disposal options.

## Section 14 - Transportation Information

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|---|---|
| Is product DOT regulated in Non-Bulk packaging? | No |
| UN number | Not Regulated |
| UN proper shipping name | Not Regulated |
| Transport hazard class(es) | Not Regulated |
| Packing group number | Not Regulated |
| Environmental hazards (e.g., identify if it is a marine pollutant according to the International Maritime Dangerous Goods Code (IMDG Code)) | Not Regulated |
| Guidance on transport in bulk (according to Annex II of MARPOL 73/783 and the International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk (International Bulk Chemical Code (IBC Code)) | Not Regulated |
| Any special precautions which an employee should be aware of or needs to comply with, in connection with transport or conveyance either within or outside their premises | Not Regulated |

## Section 15 - Regulatory Information

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|---|---|
| Safety Regulations | OSHA Hazard Communication Standard: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. |
| Health Regulations | Not Available |
| Environmental Regulations | Not Available |
| US Toxic Substance Control Act | All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30 |
| CEPA - Domestic Substances List (DSL) | All substances contained in this product are listed on the Canadian Domestic Substances List (DSL) or are not required to be listed. |

| | | |
|---|---|---|
| SARA 311/312 | Based upon available information, this material is classified as the following health and/or physical hazards according to Section 311 & 312 | Superfund Amendments and Reauthorization Act of 1986 Title III (SARA) Sections 311 and 312: Immediate (Acute) Health Hazard - No; Delayed (Chronic) Health Hazard - No; Fire Hazard - No; Reactive Hazard - No; Sudden Release of Pressure Hazard -No. Section 313: To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute. |
| HMIS | Blue/Health | 0 |
| | Red/Flammability | 1 |
| | Orange/Physical Hazard | 0 |
| | White/Personal Protection | x |
| NFPA 0(no hazard) to 4(severe risk) | Health (Blue) | 0 |
| | Flammability (Red) | 1 |
| | Instability/Reactivity (Yellow) | N/A |
| | Special (White) | 0 |

## Section 16 - Other Information

This SDS is applicable for all dilutions and containers for this brand of product. The information herein is provided in good faith and believed to be accurate as of the effective revision date shown. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/ user's responsibility to ensure that activities comply with all federal, state, provincial or local law.