

SAFETY DATA SHEET

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

RILCO, INC.
1320 1st Street
Rock Island, IL 61201

I. PHYSICAL DATA

PRODUCT NAME: **Rilco Cut 570**
CHEMICAL NAME: Metal Working Fluid

FORMULA: Trade Secret

INFORMATION PHONE: 1-309-788-5631
EMERGENCY PHONE: 1-800-424-9300

II. HAZARDOUS IDENTIFICATION

Physical Hazards

Not classified.

Health Hazard

Aspiration hazard

Environmental hazards

Not classified.

OSHA defined hazards

Not classified.

GHS LABEL ELEMENTS:

Symbol(s):



Signal Word

Danger

Hazard Statements

May be fatal if swallowed and enters airways.

Precautionary Statements

Wear protective gloves/protective clothing/eye protection/face protection IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or you feel unwell: Call a doctor/physician.

III. COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Wt.,%
Severely Hydrotreated Heavy Naphthenic Petroleum Oil	64742-52-5	50-60%
Chlorinated Alkanes Chain Length 14-16	1372804-76-6	30-40%
Methyl Ester	67784-80-9	1-10%

IV. FIRST AID MEASURES

EYE CONTACT: Flush thoroughly with water. If irritation occurs, get medical assistance.

SKIN CONTACT: Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse. If skin irritation or an allergic skin reaction develops, get medical attention.

INHALATION: Move to fresh air. Oxygen or artificial respiration if needed. IF exposed or concerned: Get medical advice/attention.

INGESTION: Do NOT induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Call a poison control center immediately.

Most important symptoms/effects, acute and delayed Defatting of the skin

Indication of Immediate medical attention and special treatment needed Treat symptomatically

General information Contact physician if discomfort continues

V. FIRE FIGHTING MEASURES

Extinguishing media Use carbon dioxide, foam, sand or sodium bicarbonate.

Unsuitable

Extinguishing media Do not use water jet as an extinguisher, as this will spread the fire

Specific hazards arising from the chemical No unusual fire or explosion hazards noted.

VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED: Contain spill and transfer to suitable containers. Stop leak if you can do it without risk.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. If material is too viscous for pumping scrape it up with shovels into suitable containers for recycle or disposal.

Large Spills: Dike far ahead of spill for later recovery and disposal. Prevent entry into waterways, sewers, basements or confined areas.

VII. HANDLING AND STORAGE

STORAGE: Observe all federal, state and local regulations when storing or disposing of this substance. Keep away from incompatible substances.

Use good engineering practices to establish good ventilation. Avoid contact with skin, eyes and clothing. Wear suitable protective equipment to protect from contact. Avoid breathing mist or vapors. Wash skin thoroughly after handling. Store in closed containers away from extreme heat, sparks, open flame or oxidizing materials.

VIII. EXPOSURE CONTROLS/ PERSONAL PROTECTION

EXPOSURE GUIDELINES:

Severely Hydrotreated Heavy Naphthenic Petroleum Oil

OSHA PEL TWA: 5mg/m³ (oil mist)

ACGIH TLV TWA 5mg/m³ (oil mist) STEL 10 mg/m³ (oil mist)

NIOSH: Pocket Guide to Chemical

TWA 5mg/m³ (oil mist) STEL 10 mg/m³ (oil mist)

SKIN PROTECTION:

Wear appropriate protective gloves to prevent direct contact.

EYE PROTECTION:

Wear safety goggles to prevent eye contact with substance.

RESPIRATORY PROTECTION:

Under certain circumstances where airborne concentration are expected to exceed exposure limits, select a NIOSH/MSHA approved respirator based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial recommendations.

OTHER PROTECTIVE EQUIPMENT:

Impervious apron if needed to avoid prolonged or repeated skin contact.

ENGINEERING CONTROLS:

Good general ventilation and/or local exhaust ventilation at the point of generation is recommended.

PERSONAL PROTECTIVE EQUIPMENT (Pictograms):



IX. PHYSICAL AND CHEMICAL PROPERTIES

SOLUBILITY IN WATER:

Insoluble

APPEARANCE:

Amber Liquid

ODOR:

Bland

FLASH POINT:

≥325°F (COC)

FLAMMABLE LIMITS

LOWER: N/A

UPPER: N/A

X. STABILITY AND REACTIVITY

**STABILITY:
CONDITIONS TO
AVOID:**

This product is stable at ambient temperatures.

**INCOMPATIBILITY:
HAZARDOUS
DECOMPOSITION
PRODUCTS:**

Extreme heat or cold.

Avoid contact with strong acids and strong oxidizers.

Exposure to high temperatures, such as those associated with fires causes product decomposition, resulting in the release of carbon monoxide, carbon dioxide, and other decomposition products.

**HAZARDOUS
POLYMERIZATION:**

Will not occur.

XI. TOXICOLOGY INFORMATION

POTENTIAL ACUTE HEALTH EFFECTS:

Eye: May be irritation to eyes.

Skin: Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

Ingestion: May cause gastrointestinal discomfort if swallowed. Do not induce vomiting. Vomiting may increase risk of product aspiration. May be fatal if swallowed and enters airways.

Inhalation: May be fatal if swallowed and enters airways.
Symptoms related to the physical, chemical, and toxicological characteristics Defatting of the skin. Coughing. Shortness of breath. Discomfort in the chest.

Information on toxicological effects

Acute toxicity Not classified

Skin corrosion/irritation Not classified. May be irritation to the skin.

Serious eye damage/eye irritation Not classified. May cause minor irritation on eye contact

Respiratory or skin sensitization

Respiratory sensitization
Skin sensitization

Not classified
Not classified. May cause defatting of the skin, but is neither an irritant nor a sensitizer.

Germ cell mutagenicity

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity

This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. Nota L-Meets EU requirement of less than 3% (w/w) DMSO extract for total polycyclic aromatic compound (PAC) using IP 346. Not classified.

US OSHA Specifically Regulated Substance (29 CFR 1910.1001-1050)

Not listed

Reproductive toxicity

Contains no ingredient listed as toxic to reproduction.

Specific target organ toxicity -single exposure

Not classified

Specific target organ toxicity -repeated exposure

Not classified

Aspiration hazard

May be fatal if swallowed and enters airways.

Chronic effects

Prolonged inhalation may be harmful.

Further information

Risk of chemical pneumonia after aspiration.

XII. ECOLOGICAL INFORMATION

Ecotoxicity

Not expected to be harmful to aquatic organisms.

Persistence and degradability

Not inherently biodegradable.

Bioaccumulative potential

Bioaccumulation is unlikely to be significant because of the low water solubility of this product.

Mobility in soil

Not available

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

XIII. DISPOSAL INFORMATION

Waste Instruction Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state and local regulations.

XIV. TRANSPORTATION INFORMATION

No classifications currently assigned.

XV. REGULATORY INFORMATION

U.S Federal Regulations:

This product is not known to be a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

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

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard - Yes
	Delayed Hazard - No
	Fire Hazard - No
	Pressure Hazard - No
	Reactivity Hazard – No

SARA 302 Extremely Hazardous substance

Sara 311/312 Hazardous chemical

Yes

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated

Clean Air Act (CAA) Section 112® Accidental Release Prevention (40 CFR 68.130)

Not regulated

Safe Drinking Water Act

Not regulated

U.S. State regulations

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm. California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65). This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

MASSACHUSETTS RIGHT-TO-KNOW:

Not regulated.

NEW JERSEY RIGHT-TO-KNOW:

No NJ Right-To-Know components exist in this product.

PENNSYLVANIA RIGHT-TO-KNOW:

No PA Right-To-Know components exist in this product.

RHODE ISLAND RIGHT-TO-KNOW:

Not regulated.

CALIFORNIA PROPOSITION 65 CARCINOGENS:

No CA Proposition 65 Carcinogens exist in this product.

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS:

No CA Proposition 65 Reproductive Toxins exist in this product.

CLEAN WATER ACT: Under section 311 (b) (4) of this act, contamination of surface waters by petroleum products must be reported immediately to the National Response Center.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)
Australia	(AICS)	Yes
Canada	(DSL)	Yes
Canada	(NDSL)	No
China	(IECSC)	Yes
Europe	(EINECS)	Yes
Europe	(ELINCS)	No
Japan	(ENCS)	Yes
Korea	(ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	(PICCS)	Yes
Unites States & Puerto Rico	(TSCA)	Yes

“Yes” indicated that all components of this product comply with the inventory requirements admnistered by the governing country(s). “No” indicated that one or more components of the product are not listed or exempt from listing on the inverntory administered by the governing country(s).

XVI. OTHER INFORMATION

The information appearing in this document is based upon data obtained from raw material manufacturers and/or recognized technical sources. While this information is believed to be correct, RILCO, INC. makes no representations as to its accuracy or sufficiency, usage or the hazards connected with the use of this material. Since this product may be applied under conditions unfamiliar to us or beyond our control, we claim no responsibility for the results of its use, and users are responsible for the verification of this information under their own operating conditions to determine whether the product is suitable for their particular purposes, and these users assume all risks of their use, handling, and disposal of the product. This information relates only to the product designated above and does not relate to its use in combination with any other process.

RILCO, INC.
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