

SAFETY DATA SHEET

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

RILCO
1320 1st Street
Rock Island, IL 61201

I. PHYSICAL DATA

PRODUCT NAME: RILCO H-576
CHEMICAL FAMILY: Lubricating Oil
FORMULA: Trade Secret

INFORMATION PHONE: (309)788-5631
EMERGENCY PHONE: (800) 424-9300 Chemtrec

II. HAZARDOUS IDENTIFICATION

NFPA RATING (SCALE 0-4) HEALTH= 0 FLAMMABILITY=1 REACTIVITY=0

EMERGENCY OVERVIEW: Do not ingest. Do not inhale dust. Use adequate ventilation and wash after handling.

GHS CLASSIFICATION:

Health

No classifications.

Environmental

Acute Aquatic Toxicity: Not established
Chronic Aquatic Toxicity: Not established

GHS LABEL ELEMENTS:

Symbol(s)
No symbol

Signal Word
This is not a dangerous substance.

Hazard Statements

None of the components of this product pose a health hazard.

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

COMPONENT: Trade Secret

CAS NUMBER:

Hydrogenated Didecene	68649-11-6	0-90%
	8042-47-5	0-90%
	151006-58-5	0-90%
	68037-01-4	0-90%
Diisotridecyl adipate	26401-35-4	10%
Dinonylphenol, phosphate	39464-64-7	1-5%

IV. FIRST AID MEASURES

EYE CONTACT: Wash eyes with water for at least 30 minutes. If irritation persists, get medical attention.

SKIN CONTACT: Wash affected area with soap and water for approximately 30 minutes

INHALATION: Remove exposed person to fresh air.

INGESTION: Do not induce vomiting. Get immediate medical attention.

V. FIRE FIGHTING MEASURES

EXTINGUISHING

MEDIA: Use carbon dioxide, foamite, sand or sodium bicarbonate.

SPECIAL FIRE FIGHTING

PROCEDURES: Avoid breathing vapors or dusts. Use self-contained breathing apparatus with full face piece and protective clothing.

UNUSUAL FIRE AND EXPLOSIVE

HAZARDS: None known.

X. STABILITY AND REACTIVITY

STABILITY:	This product is stable at ambient temperatures.
CONDITIONS TO AVOID:	Extreme heat or cold.
INCOMPATIBILITY:	Avoid contact with strong acids and strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS:	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:	No known significant effects or critical hazards.
Skin:	No known significant effects or critical hazards.
Ingestion:	No known significant effects or critical hazards.
Inhalation:	No known significant effects or critical hazards.

POTENTIAL CHRONIC HEALTH EFFECTS:

Chronic effects:	No known significant effects or critical hazards.
Target organs:	No known significant effects or critical hazards.
Carcinogenicity:	No known significant effects or critical hazards.
Mutagenicity:	No known significant effects or critical hazards.
Teratogenicity:	No known significant effects or critical hazards.
Fertility effects:	No known significant effects or critical hazards.
Developmental effects:	No known significant effects or critical hazards.

XII. ECOLOGICAL INFORMATION

No information available.

XIII. DISPOSAL INFORMATION

WASTE DISPOSAL: 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

STATUS:

US (TSCA): Y
CANADA (DSL): Y
EUROPE (EINECS/ELINCS): Y
AUSTRALIA (AICS): Y
CHINA (IESCS): Y
JAPAN (ENCS): Y
SOUTH KOREA (KECI): Y

Y= All ingredients are on the inventory or exempt from listing
N= One or more non-exempt ingredients are not on the inventory

SECTION 302 EXTREMELY HAZARDOUS CHEMICALS:

<u>Component</u>	<u>CAS#</u>	<u>% by Wt.</u>
None		

SECTION 313 TOXIC CHEMICALS:

<u>Component</u>	<u>CAS#</u>	<u>% by Wt.</u>
None		

SARA TITLE III:

ACUTE (IMMEDIATE HEALTH HAZARD): No
CHRONIC (DELAYED HEALTH HAZARD): No
SUDDEN PRESSURE RELEASE: No
FIRE HAZARD: No
REACTIVE HAZARD: No

CERCLA (Comprehensive Environment Response, Compensation and Liability Act):

There is no calculable reportable quantity (RQ) for 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.

XVI. OTHER INFORMATION

TSCA (TOXIC SUBSTANCE CONTROL ACT) STATUS:

All components of this formula are included in the TSCA inventory. This product does not contain nor was manufactured with Class 1 or 11 ozone depleting chemicals, Section 611 of the Clean Air Act.

HEALTH HAZARD

- 4-Deadly
- 3- Extreme Danger
- 2- Hazardous
- 1-Slightly Hazardous
- 0-Normal Material

**NFPA
FIRE HAZARD**

- Flash Points
- 4-Below 73°F
- 3-Below 100°F
- 2-Above 100°F, Not exceeding 200°F
- 1-Above 200°F
- 0-Will not burn

REACTIVITY

- 4-May detonate
- 3-Shock and heat may detonate
- 2-Violent chemical change
- 1-Unstable if heated
- 0-Stable

Table 3.8 Acute Toxicity

Acute toxicity	Cat. 1	Cat. 2	Cat. 3	Cat. 4	Category 5
Oral (mg/kg)	≤ 5	> 5 ≤ 50	> 50 ≤ 300	> 300 ≤ 2000	Criteria: <ul style="list-style-type: none"> ▪ Anticipated oral LD50 between 2000 and 5000 mg/kg; ▪ Indication of significant effect in humans;* ▪ Any mortality at class 4;* ▪ Significant clinical signs at class 4;* ▪ Indications from other studies.* *If assignment to more hazardous class is not warranted.
Dermal (mg/kg)	≤ 50	> 50 ≤ 200	> 200 ≤ 1000	> 1000 ≤ 2000	
Gases (ppm)	≤ 100	> 100 ≤ 500	> 500 ≤ 2500	> 2500 ≤ 5000	
Vapors (mg/l)	≤ 0.5	> 0.5 ≤ 2.0	> 2.0 ≤ 10	> 10 ≤ 20	
Dust & mists (mg/l)	≤ 0.05	> 0.05 ≤ 0.5	> 0.5 ≤ 1.0	> 1.0 ≤ 5	

Figure 4.11





ACUTE ORAL TOXICITY - Annex 1					
	Category 1	Category 2	Category 3	Category 4	Category 5
LD ₅₀	≤ 5 mg/kg	> 5 < 50 mg/kg	³ 50 < 300 mg/kg	³ 300 < 2000 mg/kg	³ 2000 < 5000 mg/kg
Pictogram					No symbol
Signal word	Danger	Danger	Danger	Warning	Warning
Hazard statement	Fatal if swallowed	Fatal if swallowed	Toxic if swallowed	Harmful if swallowed	May be harmful if swallowed







Table 3.9 Skin Corrosion/Irritation

Skin Corrosion Category 1			Skin Irritation Category 2	Mild Skin Irritation Category 3
Destruction of dermal tissue: visible necrosis in at least one animal			Reversible adverse effects in dermal tissue Draize score: $\geq 2.3 < 4.0$ or persistent inflammation	Reversible adverse effects in dermal tissue Draize score: $\geq 1.5 < 2.3$
Subcategory 1A Exposure < 3 min. Observation < 1hr,	Subcategory 1B Exposure < 1hr. Observation < 14 days	Subcategory 1C Exposure < 4 hrs. Observation < 14 days		

Table 3.10 Eye Effects

Category 1 Serious eye damage	Category 2 Eye Irritation	
Irreversible damage 21 days after exposure Draize score: Corneal opacity ≥ 3 Iritis > 1.5	Reversible adverse effects on cornea, iris, conjunctiva Draize score: Corneal opacity ≥ 1 Iritis > 1 Redness ≥ 2 Chemosis ≥ 2	
	Irritant Subcategory 2A Reversible in 21 days	Mild Irritant Subcategory 2B Reversible in 7 days

Figure 4.9

GHS Pictograms and Hazard Classes		
		
<ul style="list-style-type: none"> ▪ Oxidizers 	<ul style="list-style-type: none"> ▪ Flammables ▪ Self Reactives ▪ Pyrophorics ▪ Self-Heating ▪ Emits Flammable Gas ▪ Organic Peroxides 	<ul style="list-style-type: none"> ▪ Explosives ▪ Self Reactives ▪ Organic Peroxides
		
<ul style="list-style-type: none"> ▪ Acute toxicity (severe) 	<ul style="list-style-type: none"> ▪ Corrosives 	<ul style="list-style-type: none"> ▪ Gases Under Pressure


















		
<ul style="list-style-type: none"> ▪ Carcinogen ▪ Respiratory Sensitizer ▪ Reproductive Toxicity ▪ Target Organ Toxicity ▪ Mutagenicity ▪ Aspiration Toxicity 	<ul style="list-style-type: none"> ▪ Environmental Toxicity 	<ul style="list-style-type: none"> ▪ Irritant ▪ Dermal Sensitizer ▪ Acute toxicity (harmful) ▪ Narcotic Effects ▪ Respiratory Tract ▪ Irritation

Figure 4.10

Transport "Pictograms"		
		
<p>Flammable Liquid Flammable Gas Flammable Aerosol</p>	<p>Flammable solid Self- Reactive Substances</p>	<p>Pyrophorics (Spontaneously Combustible) Self- Heating Substances</p>
		
<p>Substances, which in contact with water, emit flammable gases (Dangerous When Wet)</p>	<p>Oxidizing Gases Oxidizing Liquids Oxidizing Solids</p>	<p>Explosive Divisions 1.1, 1.2, 1.3</p>
		
<p>Explosive Division 1.4</p>	<p>Explosive Division 1.5</p>	<p>Explosive Division 1.6</p>
		
<p>Compressed Gases</p>	<p>Acute Toxicity (Poison): Oral, Dermal,</p>	<p>Corrosive</p>

	Inhalation	
		
Marine Pollutant	Organic Peroxides	

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RILCO

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