

#### SAFETY DATA SHEET

### **SECTION 1: Product and Company Identification**

A-9 **Product Name:** 

**Recommended Use:** Ferrous/non-ferrous metal cutting fluid

**Manufacturer Information:** 

**Relton Corporation-Chemical Division** Phone: (800)-423-1505

317 Rolyn Place **Emergency Number (24 hours):** Arcadia, CA 91007-2838 CHEMTREC 800-424-9300

#### **SECTION 2: Hazards Identification**

**GHS Classification:** Not classified

**GHS Label Elements:** No symbol

Signal Word: No signal word

**Hazard Statements:** No hazard statements

**Precautionary Statements:** Wear appropriate gloves, protective clothing, eye protection, face protection

Wash hands thoroughly after handling

Dispose of contents/container in accordance with state, local, and federal laws.

Hazards not otherwise classsifed (HNOC):

Not listed

# **SECTION 3: Composition/Information on Ingredients**

Chemical Name	CAS#	%		
Severely solvent refined heavy	64741-96-4, 64742-52-5	85-90	*	

Severely solvent refined heavy

naphthenic distillates,

Hydrotreated heavy naphthenic

petroleum distillates

The remaining ingredients are considered non hazardous or are below reporting levels

#### **SECTION 4: First Aid Measures**

Inhalation: May cause mild respiratory tract irritation. Remove individual to fresh air. If breathing

is difficult give oxygen.

**Skin Contact:** Flush the affected area with water for 15 minutes minimum. Remove exposed or

contaminated clothing and shoes. Wash contaminated clothing before reuse. Seek

medical attention if irritation develops.

**Eye Contact:** Remove contact lenses if present. Rinse eyes thoroughly with water for 15 minutes

minimum. Seek medical attention if eye irritation develops or persists.

If conscious give one cup of water or milk if available and transport to a medical Ingestion:

facility. Do not give anything by mouth to an unconscious person.

<sup>\*</sup>The exact percentage of composition has been withheld as a trade secret

Most important symptoms

acute or delayed: Not available

Recommendations for immediate medical

care and special treatment: Not available

**SECTION 5: Fire Fighting Measures** 

Suitable extinguishing media: Slightly combustible. Use carbon dioxide, extinguishing powder or foam. Avoid

water spray.

Unsuitable extinguishing media: Not available

Specific hazards arising

during fire:

Combustion may generate carbon monoxide, carbon dioxide, hydrogen sulfide

and oxides of sulfur and calcium

Firefighting equipment: Firefighters should wear suitable protective equipment

Firefighting instructions: Evacuate personnel to a safe area. Firefighters should use self contained breathing

equipment and protective clothing. Keep containers cool with water spray.

**SECTION 6: Accidental Release Measures** 

**Personal Precautions:** Wear appropriate protective equipment and clothing during clean up. Keep

unprotected persons away.

**Environmental Precautions** Do not allow product to enter sewers, surface or ground waters.

Methods and materials for

Contain and recover liquid when possible. Absorb with suitable absorbent and place containment and cleanup:

in a chemical waste container for proper disposal (see Section 13, Disposal

Considerations).

**SECTION 7: Handling and Storage** 

Precautions for safe handling: As with all chemical products, avoid contact and wash thoroughly after handling.

> Do not eat, drink or smoke while using this product. Use only in well-ventilated areas. Remove contaminated clothing and protective equipment before entering eating areas.

Pregnant or breast-feeding women must not handle this product.

Conditions for safe storage

including incompatibilities:

All personnel who handle this product should be trained in its safe handling. Store tightly closed in cool, dry, ventilated area. Keep out of direct sunlight and away from

heat and incompatible materials. Avoid contact with acids, oxidizing agents, and

caustics.

### **SECTION 8: Exposure Controls/Personal Protection**

### **Exposure limit values**

Material	CAS#	List	Туре	Value
Severely solvent refined	64741-96-4	OSHA	PEL	5 mg/m3 (TWA 8h)
heavy naphthenic distillate		ACGIH	TLV	5 mg/m3 (TWA 8h)
Petroleum distillates,	64742-52-5	OSHA	PEL	5 mg/m3 (as oil mist)
hydrotreated heavy naphthenic		ACGIH	TLV	5 mg/m3 (as oil mist)

Appropriate Engineering Controls: Provide sufficient mechanical (general/and or local exhaust) ventilation to maintain

exposure below exposure guidelines, if applicable, or below levels that cause known,

suspected, or adverse effects.

**Personal Protective Measures** 

**Eye/face protection:** Use chemical goggles or full face shield.

**Hand protection:** Use chemically-resistant gloves.

Respiratory protection: Not required under normal conditions of use. If airborne concentrations exceed

applicable exposure limits, use NIOSH approved respiratory protection.

Thermal hazards: Not available

**General hygiene considerations:** Handle in accordance with good industrial hygiene and safety practice.

Eyewash station and safety shower should be in vicinity of work area.

#### SECTION 9: Physical and Chemical Properties

Appearance:

Odor:

Mild petroleum

Odor threshold:

PH:

Not available

Solubility in water:

Viscosity:

Light green oily liquid

Mild petroleum

Not available

Insoluble

Not applicable

Insoluble

Not available

Specific Gravity @ 70F: 0.92

Melting point:Not availableFreezing point:Not available

VOC Content (ASTM E-1868-10): 21.7 g/L AQMD SUPER COMPLIANT

Initial boiling point

and boiling range:Not availableFlash point:Not determinedEvaporation rate:Not availableFlammability (solid, gas):Not availableUpper/Lower flammability or explosive limits (%)

Flammability limit-lower: Not available
Flammability limit-upper: Not available
Explosive limit-lower: Not available
Explosive limit-upper: Not available

Vapor pressure<0.01 mmHg @ 20°C</th>Vapor densityHeavier than air

**Partition coefficient** 

(octanol:water)Not availableAuto-ignition temperatureNot availableDecomposition temperatureNot availableDecomposition temperatureNot available

### SECTION 10: Stability and Reactivity

**Reactivity:** No reactivity hazards are known.

**Chemical Stability:** Material is stable under normal conditions of storage and handling.

Possibility of No hazardous reactions are known under normal conditions of use.

hazardous reactions:

**Conditions to avoid:** Keep away from heat, sparks, open flames. Protect from freezing.

Materials to avoid: Do not store with strong oxidizing agents. Keep away from heat, sparks, open flames, or

all sources of ignition.

**Hazardous decomposition** 

products:

May include carbon monoxide, carbon dioxide, hydrogen sulfide, oxides of calcium and

sulfur.

### **SECTION 11: Toxicological Information**

### **Acute Toxicity:**

Severely solvent refined heavy naphthenic distillate

64741-96-4

Data not available

Petroleum distillates, hydrotreated heavy

naphthenic 64742-52-5 Data not available

Skin: Not expected to be a primary skin irritant. Prolonged or repeated contact may cause

irritation.

Eyes: May cause mild eye irritation.

Inhalation: May cause mild irritation of the respiratory tract with prolonged exposure.

Ingestion: Ingestion may cause irritation of the gastrointestinal lining, nausea, vomiting, diarrhea,

and abdominal pain.

**Delayed and immediate** 

effects of exposure:

Not available.

Classification	Category	Hazard Description	
Acute toxicity (oral)	Not classified	Not applicable	
Acute toxicity (dermal)	Not classified	Not applicable	
Acute toxicity (inhalation)	Not classified	Not applicable	
Skin corrosion/irritation	Not classified	Not applicable	
STOT -single exposure	Not classified	Not applicable	
STOT-repeated exposure	Not classified	Not applicable	
Serious eye damage/eye irritation	Not classified	Not applicable	
Respiratory sensitization	Not classified	Not applicable	
Skin sensitization	Not classified	Not applicable	
Carcinogenicity	Not classified	Not applicable	
Reproductive toxicity	Not classified	Not applicable	

## Carcinogenicity:

IARC: No ingredient is considered to be carcinogenic. OSHA: No ingredient is considered to be carcinogenic. NTP: No ingredient is considered to be carcinogenic.

### **SECTION 12: Ecological Information**

**Ecotoxicity:** 

Not expected to cause serious aquatic toxicity. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Ingredient	CAS No.	Algae	Fish	Crustacea
severely solvent refined heavy naphthenic distillate 64741-96-4			5000: 96 h Oncorhynchus mykiss mg/L LC50	1000: 48 h Daphnia magna mg/L EC50
Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5	64742-52-5		5000: 96 h Oncorhynchus mykiss mg/L LC50	1000: 48 h Daphnia magna mg/L EC50

Bioaccumulation potential: Not available.

Mobility: Not available.

Other adverse effects: This material is expected to have adverse effects on marine and plant life. Spills may

contaminate drinking water.

**SECTION 13: Disposal Considerations** 

**Disposal instructions:** Waste disposal must be in accordance with appropriate US Federal, State and Local

regulations.

Disposal of contaminated

containers or packaging:

Dispose of as unused product.

#### **SECTION 14: Transportation Information**

DOT

Not regulated as dangerous goods

**IATA** 

Not regulated as dangerous goods

**IMDG** 

Not regulated as dangerous goods

## **SECTION 15: Regulatory Information**

**Toxic Substances Control Act** 

(TSCA):

All components of this product are on the TSCA Inventory or are exempt from

reporting requirements.

**SARA 302 Extremely Hazardous** 

Substances:

No

SARA 311/312 Classification:

Immediate hazard No **Delayed hazard** No Fire hazard No Reactive hazard No Pressure hazard No

**SARA 313 Components:** No

## California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986):

This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm

#### **HMIS Information:**

Health	1
Flammability	1
Reactivity	1
Personal Protection	В

#### **NFPA Information:**



## **SECTION 16: Other Information**

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