

RELTON NEW RAPID TAP CUTTING FLUID

Revision Date: 2015/08/11

Section 1: PRODUCT INFORMATION

Chemical family: Not available.

Product uses: Cutting oil.

Product name: RELTON NEW RAPID TAP CUTTING FLUID.

Manufacturer emergency phone number: Chemtrec 800-424-9300 (24h).

Supplier: Bessey Tools North America
1555 Bishop Street, Unit #6
Cambridge, Ontario
N1R 7J4
Tel: 519-621-7240, Fax: 519-621-3442.

TDG classification: ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID,
N.O.S, (alkanes, C14-C16, chloro)
UN3082
Class 9
PG III.



DSL status: The substance(s) listed in section 2 with CAS numbers appear on the DSL.

Section 2: HAZARDOUS INGREDIENTS

C.A.S.	CONCENTRATION %	Ingredient Name	T.L.V.	LD/50	LC/50
64742-54-7	70-90	SOLVENT REFINED PARAFFINIC OIL	NOT AVAILABLE	>15,000 MG/KG RAT ORAL >5000 MG/KG RABBIT DERMAL	NOT AVAILABLE
85535-85-9	< 40	CHLORINATED PARAFFIN	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
	2-3	CALCIUM SULFONATE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE

Section 3: PHYSICAL DATA

Physical state: Liquid.

Appearance & odor: Amber
Mild petroleum odour.
Oily liquid.

Odor threshold (ppm): Not available.

Vapour pressure (mmHg): < 0.01 @ 20°C.

Vapour density (air=1): Heavier than air.

Volatiles (%)

By volume: Not available.

**Evaporation rate
(butyl acetate = 1):** Not available.

Boiling point (°C): Not available.

Freezing point (°C): Not available.

pH: Not applicable.
Specific gravity @ 20 °C: 1.02
Solubility in water (%): Insoluble.
Coefficient of water\oil dist.: Not available.
Melting point (°C): Not available.
VOC: Not available.

Section 4: FIRE & EXPLOSION DATA

Flammability: Not flammable.
Conditions of flammability: At temperatures at or above flash point.
Extinguishing media: Carbon dioxide, dry chemical, foam.
Do not use water spray.
Special procedures: Wear a positive–pressure, self–contained breathing apparatus and full protective equipment.
Use water spray to cool fire exposed containers.
Auto–ignition temperature (°C): Not available.
Flash point (°C), method: Cleveland Open Cup.
350F (176.6C).
Lower flammability limit (% vol): Not available.
Upper flammability limit (% vol): Not available.
Explosion Data
Sensitivity to static discharge: Not available.
Sensitivity to mechanical impact: Not available.
Hazardous combustion products: Oxides of carbon (CO, CO2).
Hydrogen chloride (HCl).
Oxides of sulfur (SOx).
Oxides of calcium (CaOx).
Explosive power: Not available.

Section 5: REACTIVITY DATA

Chemical stability: Product is stable under normal handling and storage conditions.
Conditions of instability: Heat, sparks & open flame.
Keep from freezing.
Hazardous polymerization: Not available.
Incompatible substances: Strong oxidizing agents.
Hazardous decomposition products: Hydrogen chloride.
Calcium oxide.
Oxides of carbon.
Oxides of sulfur.

Section 6: TOXICOLOGICAL PROPERTIES

Route of entry: Skin contact, eye contact, inhalation and ingestion.

Effects of acute exposure

Eye contact: No adverse effects expected.

Skin contact: Prolonged contact may cause irritation.

Inhalation: May cause mild upper respiratory tract irritation.

Ingestion: May cause nausea, vomiting and diarrhea.
May cause gastro-intestinal irritation.
May cause abdominal pain.

Effects of chronic exposure: Not available.

LD50 of product, species & route: Not available for mixture, see the ingredients section.

LC50 of product, species & route: Not available.

Exposure limit of material: 5 mg/m³ (oil mists).

Sensitization to product: Not available.

Carcinogenic effects: Not listed as a carcinogen.

Reproductive effects: Not available.

Teratogenicity: Not available.

Mutagenicity: Not available.

Synergistic materials: Not available.

Section 7: PREVENTATIVE MEASURES

Precautionary Measures

Gloves/Type:



Chemical resistant gloves.

Respiratory/Type: None required under normal use.



NIOSH approved respirator, if necessary.

Eye/Type:



Chemical safety goggles and/or full face shield.

Footwear/Type: Safety shoes per local regulations.

Clothing/Type: As required to prevent skin contact.

Other/Type: Eye wash facility should be in close proximity.
Emergency shower should be in close proximity.

Ventilation requirements: As needed to stay below TLV.
Local exhaust and/or mechanical ventilation to maintain exposure below TLV.

Leak/Spill: Absorb with inert material.
Evacuate all non-essential personnel.
Prevent entry into drains, sewers, and other waterways.
Wear appropriate protective equipment.
Contain and collect spilled material.
Place in appropriate container.

Waste disposal: Dispose of all waste in accordance with Local, State, and Federal regulations.
Dispose of as unused product.

Handling procedures and equipment: Avoid breathing vapors/mists.
Use adequate ventilation.
Wash thoroughly after using, particularly before eating or smoking.
Wear personal protective equipment appropriate to task.
Wash clothing before re-use.
Avoid contact with skin, eyes and clothing.
Keep away from food and food products.
Do not eat, drink or smoke in handling area.

Storage requirements: Store away from incompatible materials.
Keep containers closed when not in use.
Store away from acids.
Keep out of direct sunlight.
Store in a cool, dry and well ventilated area.
Store away from caustics.

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Special shipping information: See transportation information.

Section 8: FIRST AID MEASURES

Skin contact: Remove contaminated clothing.
Wash thoroughly with soap and water.
Seek medical attention if irritation persists.

Eye contact: Flush with water for at least 15 minutes.
Check for and remove contact lenses.
Consult a physician if irritation persists.

Inhalation: Remove victim to fresh air.
If irritation occurs, consult a physician.

Ingestion: Obtain medical attention.
Never give anything by mouth to an unconscious person.
If conscious, give milk or water to drink.

Additional information: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any inaccuracies.

Section 9: ADDITIONAL INFORMATION
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General note: This material safety data sheet was prepared from information obtained from various sources, including product suppliers and the Canadian Center for Occupational Health and Safety.

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