

080-003

RELTON A-9 ALUMINUM CUTTING FLUID

Product: A-9

Revision date: 2018/05/02

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product name: RELTON A-9.

Synonyms: Not available.

Chemical family: Not available.

Product uses: Cutting fluid.

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

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

Section 2: HAZARD IDENTIFICATION

GHS Classification

Health Hazard Class(es): No health hazard class.

Physical Hazard Class(es): No physical hazard class.

Environmental Hazard Class(es): No environmental hazard class.

GHS Label Elements

Symbol: Not available.

Signal word: None required.

Hazard statement(s): None

Precautionary statement(s): P264 Wash face, hands and any exposed skin thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P501 Dispose of contents/container in accordance with local/regional/national regulations.

Other hazard(s): Not available.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

C.A.S.	CONCENTRATION %	Ingredient Name	EINECS#
64741-96-4	*	HEAVY MINERAL OIL	
64742-52-5	*	HYDROTREATED HEAVY NAPHTHENIC PETROLEUM	265-155-0

Section 4: FIRST AID MEASURES

Skin contact: Remove contaminated clothing.
Flush with large amounts of water, for at least 15 minutes.
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 breathing is difficult, administer oxygen.
If irritation occurs, consult a physician.

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

Section 5: FIRE FIGHTING MEASURES

Flammability: Not flammable.

Extinguishing media: Foam
Carbon dioxide.
Do not use water spray.
Extinguishing powder.

Conditions of flammability: Surrounding fire.

Special procedures: Self-contained breathing apparatus required.
Firefighters should wear the usual protective gear.
Use water spray to cool fire exposed containers.
Evacuate area promptly.

Sensitivity to static discharge: Not available.

Sensitivity to mechanical impact: Not available.

Rate of burning: Not available.

Hazardous combustion products: Oxides of carbon (CO, CO₂).
Hydrogen sulfide (H₂S).
Oxides of sulfur (SO_x).
Oxides of calcium (CaO_x).

Section 6: ACCIDENTAL RELEASE MEASURES

Leak/Spill: Contain the spill.
Absorb with inert material.
Evacuate all non-essential personnel.
Prevent entry into drains, sewers, and other waterways.
Wear appropriate protective equipment.
Place in a chemical waste container for disposal.
Recover as much as possible.


Section 7: HANDLING AND STORAGE

Handling procedures: Avoid breathing vapors/mists.
Use adequate ventilation.
Remove contaminated clothing.
Wash thoroughly after using, particularly before eating or smoking.
Wear personal protective equipment appropriate to task.
Avoid contact with skin, eyes and clothing.
Do not eat, drink or smoke in handling area.
Launder contaminated clothing prior to reuse.


Storage procedures: Store away from incompatible materials.
Keep from freezing.
Keep out of direct sunlight.
Store away from acids and oxidizing materials.
Keep containers tightly closed.
Store in a cool, dry and well ventilated area.
Store away from caustics.

Keep away from heat and all ignition sources.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Gloves/Type: 

Chemical resistant gloves.

Respiratory/Type: 

Wear a NIOSH approved respirator if TLV is exceeded.
None required under normal use.

Eye/Type: 

Chemical safety goggles and/or full face shield.

Footwear/Type: Safety shoes per local regulations.

Clothing/Type: Wear adequate protective clothes.

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

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

Exposure limit of material: No exposure limit established for the product.

Ingredients:

C.A.S.	Ingredient Name	TLV	OSHA-PEL TWA	STEL	ACGIH-TLV TWA	STEL	NIOSH STEL
64741-96-4	HEAVY MINERAL OIL	NOT AVAILABLE					
64742-52-5	HYDROTREATED HEAVY NAPHTHENIC PETROLEUM	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid.

Appearance & odor: Light green.
Mild petroleum odour.
Oily

Odor threshold (ppm): Not available.

pH: Not applicable.

Melting point (°C): Not available.

Boiling point (°C): Not available.

Freezing point (°C): Not available.

Flash point (°C), method: Not available.

Auto-ignition temperature (°C): Not available.

Explosive power: Not available.

Lower explosive limit: Not available.

Upper explosive limit: Not available.
Vapour pressure (mmHg): < 0.01 @ 20°C.
Specific gravity @ 20 °C: 0.92
Density: Not available.
Vapour density (air=1): Heavier than air.
Evaporation rate (butyl acetate = 1): Not available.
Solubility in water (%): Insoluble.
Coefficient of water\oil dist.: Not available.
Viscosity: Not available.
VOC: (ASTM E1868-10).
21.7

Section 10: STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions.
Conditions of instability: Heat, sparks & open flame.
Keep from freezing.
Hazardous polymerization: Not available.
Incompatible substances: Strong oxidizing agents.
Heat, sparks and flames.
Sources of ignition.
Hazardous products of decomposition: See hazardous combustion products.

Section 11: TOXICOLOGICAL INFORMATION

Effects of Acute Exposure

Route of entry: Skin contact, eye contact, inhalation and ingestion.
Eye contact: May cause mild irritation.
Skin contact: May cause irritation.
On prolonged contact.
Inhalation: May cause mild respiratory irritation.
On prolonged contact.
Ingestion: May cause nausea, vomiting and diarrhea.
May cause gastro-intestinal irritation.
May cause abdominal pain.
Effects of chronic exposure: Not available.
Sensitization to product: Not a sensitizer.
Carcinogenic effects: Not listed as a carcinogen.
Reproductive effects: None known.
Teratogenicity: Not available.

Mutagenicity: Not available.

Synergistic materials: Not available.

LD50 of product, species & route: No LD50 value established for the product.

LC50 of product, species & route: No LC50 value established for the product.

Ingredients:

C.A.S.	Ingredient Name	LD/50	LC/50
64741-96-4	HEAVY MINERAL OIL	> 5000 MNG/KG RAT ORAL >5000 MG/KG RABBIT DERMAL	NOT AVAILABLE
64742-52-5	HYDROTREATED HEAVY NAPIHTIENIC PETROLEUM	> 5000 MG/KG RAT ORAL > 2000 MG/KG RABBIT DERMAL	NOT AVAILABLE

Section 12: ECOLOGICAL INFORMATION

Environmental fate: This material is expected to have adverse effects on marine and plant life. Spills may contaminate drinking water.

Environmental toxicity: Not available.

Section 13: DISPOSAL CONSIDERATIONS

Waste disposal: In accordance with municipal, provincial and federal regulations. Dispose of as unused product.

Section 14: TRANSPORT INFORMATION

TDG classification: Not regulated.

DOT: Not regulated.

ICAO/IATA: Not available.

IMDG: Not available.

Special instructions: Not available.

Marine Pollutant: Not available.

Section 15: REGULATORY INFORMATION

DSL status: Appears on DSL.

CERCLA reportable quantity: None

TSCA inventory: All ingredients are listed on the TSCA inventory.

SARA Section 313: None

SARA hazard categories sections Immediate (Acute) Health Hazard: Yes.

311/312: Delayed (Chronic) Health Hazard: No.

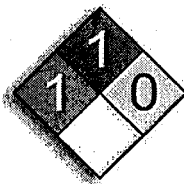
Fire Hazard: No.

Sudden Release of Pressure: No.

Reactive: No.

CA Proposition 65: This product does not contain any chemicals currently on the California list of known carcinogens and reproductive toxins.

Health Hazard: 1
Flammability: 1
Physical hazard: 0
NFPA Health Hazard: 1
NFPA Flammability: 1
NFPA Reactivity: 0
NFPA:



Section 16: OTHER INFORMATION

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