

Material Safety Data Sheet

Revision Date November 18, 2013	Prepared by Patti Rogers, MH	Technical Information 1-800-201-8822 or support@mgchemicals.com
Head Office 9347 - 193 Street, Surrey, B.C., V4N 4E7		Emergency Phone Canutech (613) 996-6666 Collect 24 hrs

For updates please download from www.mgchemicals.com or fax requests to 1-800-708-9888

Section 1: Product Identification

MSDS Code: 801B-liquid Name: : Super Contact Cleaner (With PPE)

Related Part Numbers: 801B-100ML

Use: Cleans and protects connector ends.

Section 2: Hazardous Ingredients

CAS#	Chemical Name	Percentage by weight	ACGIH TWA	Osha Pel	Osha Stel
64741-65-7	Mineral Spirits OMS	62.0-69.0	100 ppm	N/E	N/E
64742-47-8	Petroleum Hydrotreated light	23.0- 26.0	N/E	N/E	N/E
64741-44-2	Pella "A" Oil	4.5- 5.5	5 mg/m ³	N/E	N/E
2455-71-2	Poly Phenyl Ether	1.5- 2.0	N/E	N/E	N/E

Section 3: Hazards Identification

WHMIS Codes: D2B

NFPA Ratings: Health 1 Flammability 2 Reactivity 0

HMIS Ratings: Health 1 Flammability 2 Reactivity 0

Eyes: Vapors from this product are irritating to the eyes. Symptoms include stinging, tearing, redness and swelling of eyes. This product causes irritation, redness, and pain.

Skin: May cause mild skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking of skin, and skin burns. Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use.

Inhalation: Breathing of vapor or mist is possible. Breathing small amount of this material during normal handling is not likely to cause harmful effects. Breathing large amount may be harmful. Symptoms are not expected at air concentrations below the recommended exposure limits, if applicable.

Ingestion: Swallowing small amount of this material during normal handling is not likely to cause harmful effects. Swallowing large amount may be harmful. This material can get into the lungs during swallowing or vomiting. This results in lung inflammations and other lung injury.

Chronic: N/e

Section 4: First Aid Measure

Eyes: Remove contact lenses. Flush with water or saline for 20 minutes. If irritation persists, repeat flushing. Obtain medical attention immediately.

Skin: Remove contaminated clothing. Wash skin with large amounts of soap and water. If irritation, redness, or a burning sensation develops and persists, obtain medical advice.

Inhalation: If symptoms develop, individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet, seek immediate attention.

Ingestion: Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth, place individual on the left side with the head down. Contact a physician, medicals facility or poison center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

Section 5: Fire Fighting Measures

Autoignition Temperature:	216 °C /421 °F	Flash Point: 54 °C / 130 °F	LEL / UEL: 0.6 / 7.0
Extinguishing Media:	Use water spray, dry chemical, carbon dioxide, or chemical foam.		
General Information:	If product is heated above its flash point it will produce vapors sufficient to support combustion. Vapors are heavier than air and may travel along the ground and be ignited by heat, pilot lights, other flames and ignition sources at locations near the point of release. Never use welding or cutting torch or near drum (even empty) because product (even just residue) can ignite explosively. Wear full firefighting turnout gear (full bunker gear), and respiratory protection (SCBA). Use water spray to cool fire exposed containers and structures until fire is out if it can be done with minimal risk. Avoid spreading burning liquid with water used for cooling purposes.		

Section 6: Accidental Release Measures

Spill Procedure:	Remove all sources of ignition. Provide adequate ventilation. Wear appropriate personal protection. Sprinkle absorbent compound onto spill, then sweep into a plastic or metal container. Wipe up further residue with paper towel and place in container. Wash spill area with soap and water.
-------------------------	---

Section 7: Handling and Storage

Handling:	Wash thoroughly after handling. Avoid contact with eyes, skin, and clothing. Do not ingest or inhale. Do not expose container to heat or flame.
Storage:	Keep away from sources of ignition. Store in a cool, dry, well-ventilated area, away from incompatible substances.

Section 8: Exposure Controls

Routes of entry:	Eyes, ingestion, inhalation, and skin.
Ventilation:	Use adequate general or local exhaust ventilation to keep airborne concentrations below exposure limits.
Personal Protection:	Wear appropriate protective eyeglasses or chemical safety goggles. Wear appropriate protective clothing to prevent skin contact. Use a NIOSH approved respirator when necessary.

Section 9: Physical and Chemical Properties

Physical State:	Liquid	Odor:	Hydrocarbon	Solubility:	Slightly soluble in water	Evaporation Rate:	Moderate	
Boiling Point:	120 C /248 F	Specific Gravity:	0.77 g/cm³	Vapor Pressure:	0.01 Hg @ 20 C	Vapor Density:	5.0 (air =1)	pH: N/a

Section 10: Stability and Reactivity

Stability:	Stable at normal temperatures and pressures.
Conditions to avoid:	Temperatures over 40°C, ignition sources, and incompatible substances.
Incompatibilities:	Alkali and alkaline earth metals, powdered Al, Zn, Mg & Be, Strong oxidizers, Lewis or Mineral acids
Polymerization:	Product will no go polymerization reaction
Decomposition:	Halogen, Halogen acids, Possible carbonyl Halides, Carbon Dioxide, carbon monoxide

Section 11: Toxicological Information

Sensitization: (effects of repeated exposure)	Repeated skin contact may cause dermatitis.			
Carcinogenicity: (risk of cancer)	No			
Teratogenicity: (risk of malformation in an unborn fetus)	No			
Reproductive Toxicity: (risk of sterility)	No			
Mutagenicity: (risk of heritable genetic effects)	No			
Lethal Exposure Concentrations:	Ingestion (LD50): Inhalation (LC50): Skin (LD50): Inhalation (TCLo):			
Mineral spirits OMS	N/A	N/A	N/A	N/A
Petroleum Hydrotreated light	N/A	N/A	N/A	N/A
Pella "A" oil	N/A	1700 mg/m ³ /4H Rat	N/A	N/A
Poly phenyl ether	N/A	N/A	N/A	N/A

Section 12: Ecological Information

General Information:

Volatile Organic Compounds, % by weight:	75%
Volatile Organic Compounds, grams per litre:	577.5 g/l

Section 13: Disposal Information

General Information: Dispose of in accordance with all local, provincial state and federal regulations. Water runoff can cause environmental damage.

Section 14: Transportation Information

Ground Canada:

Classified as **Consumer Commodity**.

Recommend Shipper be trained and certified. Refer to TDG regulations (Canadian Transportation of Dangerous Goods regulations).

Ground USA:

Classified as **ORM-D**.

Recommend Shipper be trained and certified. Refer to USA CFR 49 Regulations (Parts 100 to 185).

Air: (all sizes).

Shipper must be trained and certified. Refer to IATA Dangerous Goods Regulations.

UN number: **1993**, Shipping Name: **Flammable liquid, n.o.s.**, Class: **3**, Packing Group: **II**, Flash Point: 42°C.
Subsidiary Risk – nil, Recommend using original MG Chemicals certified outer cartons. Tape all seams on the carton.
Hazard Label required – Flammable Liquid. A double arrow orientation label is required and is already printed on the original outer carton.

Sea - All Sizes:

Shipper must be trained and certified. Refer to IMDG regulations.

UN number: **1993**, Shipping Name: **Flammable liquid, n.o.s.**, Class: **3**, Packing Group: **II**, Flash Point: 42°C.
Storage category "A", segregation as for class 9 but away from sources of heat and separated from goods of class

Section 15: Regulatory Information

CANADA

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products Regulations.

DSL .

All ingredients in this product are listed on the Domestic Substances List .

Health Canada

Products produced by MG Chemicals intended for retail display conform to the Canadian Consumer Labeling regulations.

Industry and Science Canada



MG Labels products intended for the workplace to conform to WHMIS labeling regulations. Product identification, net quantity declaration, minimum printing type size heights, and packaging of this product are in compliance.

WHMIS

This product belongs to the following categories: **B3, D2B**

CAA (Clean Air Act, USA)

This product does not contain any class 1-ozone depleters.

This product does not contain any class 2-ozone depleters.

This product does not contain any chemicals listed as hazardous air pollutants.

USA

SARA (Superfund Amendments and Reauthorization Act of 1986, USA, 40CFR 372.4)

None of the chemicals in this product have a reportable quantity.

EPCRA (Emergency Planning and Right to Know Act, USA, 40 CFR 372.45)

This product does not contain any chemicals subject to the reporting requirements of section 313 Title III of the SARA of 1986 and 40 CFR part 372.

TSCA (Toxic Substances Control Act of 1976, USA)

All substances are TSCA listed.

California Proposition 65 (Chemicals known to cause cancer or reproductive toxicity, May 1, 1997 revision, USA)

This product does not contain any chemicals listed.

HMIS RATING

HEALTH:	1
FLAMMABILITY:	2
PHYSICAL HAZARD:	0
PERSONAL PROTECTION:	

NFPA CODES

HEALTH:	1
FLAMMABILITY:	2
PHYSICAL HAZARD:	0

EUROPE

RoHS

This product does not contain any lead, cadmium, mercury, hexavalent chromium, PBB's, or PBDE's, and complies with European RoHS regulations.

WEEE

This product is not a piece of electrical or electronics equipment, and is therefore not governed by this regulation.

Section 16: Other Information

Definitions: N/a = not applicable, n/e = not established

Disclaimer: *This material safety data sheet is provided as an information resource only. M.G. Chemicals believes the information contained herein is accurate and compiled from reliable sources. It is the responsibility of the user to verify its validity. The buyer assumes all responsibility of using and handling the product in accordance with federal, state, and local regulations.*