



Degreasing Solvent 202

Degreasing Solvent

DESCRIPTION

DEGREASING SOLVENT 202 is harmless to skin and clothing and is non-corrosive. It is easy to apply, has a high flash point and emulsifies with all types of water. It can clean oil and grease spills from floors and walls, remove oil and grease from machinery, tanks, tools, oil trucks, tank cars, locomotives, bilges and bulkheads. It is unsurpassed for cleaning oil spills from harbors and beaches.

For food plant and other industrial use, avoid contamination of food in the application and storage of the product. Do not use in food handling areas.

DIRECTIONS

Spray or brush **DEGREASING SOLVENT 202** on oil and grease deposit and allow solvent to penetrate - about one-half hour. Hose down with fresh or salt water.

For tools and small parts, immerse in solvent for one-half hour. Rinse with water, preferably under pressure.

For light degreasing, **DEGREASING SOLVENT 202** can be diluted to several times its volume with either salt or fresh water.

PHYSICAL DATA

Appearance	Clear liquid
Color	Light Brown
Odor	Strong, solvent scent
Foam	Low
pH	Alkaline

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **DEGREASING SOLVENT 202**

WHMIS CODE: B3, D2B

Product Use: *Degreasing Solvent*

Proper Shipping Name: N/A

Hazard Class: N/A

UN Number: N/A

HMIS

2	Health
2	Flammability
0	Reactivity
B	Personal

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EMERGENCY PHONE

Canada: Canutec 613-996-6666
U.S.A.: Chemtrec 800-424-9300

A=Goggles, B=Goggles & Gloves
C=Goggles, Gloves and Apron

ABBREVIATION KEY: N/A=Not Applicable, N/E=Not Established, N/D=Not Determined, > =Greater Than

SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS NO.	RANGE %	TLV
AROMATIC NAPHTHA (PETROLEUM) SOLVENT	64742-95-6	40.0 - 60.0	
Light Aromatic (60-100% wt)			
Heavy Aromatic (10-30% wt)			
LD50 (oral rat)	= >4700 mg/kg		
LD50 (dermal)	= >3000 mg/kg		
LC50	Not Available		
PETROLEUM SOLVENT	64742-94-5	5.0 - 10.0	
LD50 (oral rat)	= 3000 mg/kg		
LD50 (dermal)	= >3000 mg/kg		
LC50	Not Available		
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	1.0 - 5.0	25ppm
LD50 (oral rat)	=1746 mg/kg		
LD50 (dermal rabbit)	=435 mg/kg		
LC50 (mouse)	=700ppm, 7hr		

SECTION 3 – PHYSICAL DATA

Color and Odor: Pale yellow aromatic odor.	Boiling Point: 98 °C	Vapor Pressure (mm HG): 5.5 (20 °C)	pH: N/A
Physical State: Liquid.	Melting Point: N/A	Vapor Density: 4.5 (Air =1)	Specific Gravity: 0.90
Coeff. Water/Oil Dist: N/A	Evaporation Rate: Less than 1.0		Odor Threshold: No Data
Solubility in Water: Emulsifiable			

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: 57°C (Combustible according to WHMIS-Class B3)
Sensitivity to Mechanical Impact: None. **Flammable Limits:** None known.
Extinguishing Media: Dry chemical or alcohol foam, carbon dioxide, water in the form of fog. Use extinguishing media suitable for surrounding fires.
Sensitivity to Static Discharge: None. **Auto ignition Temperature:** None known.
Conditions of Flammability: Excessive heat, sparks, open flames and other sources of ignition.
Unusual Fire and Explosion Hazards: Vapours heavier than air may collect in low areas where ventilation is poor. May form flammable mixtures with air at or above the flash point.
Hazardous Combustion Products: Decomposition may produce oxides of carbon.
Special Fire Fighting: Wear full protective equipment including self contained breathing apparatus for large fires. For small fires use a portable fire extinguisher. Use water spray to cool all nearby fire exposed surfaces.

SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable under normal conditions. **Hazardous Polymerization:** Will not occur.
Incompatibility (material to avoid): Strong oxidizers and acids.
Hazardous Decomposition Products: Carbon oxides and other noxious fumes upon thermal decomposition.

SECTION 6 – TOXICOLOGICAL DATA

Exposure Limits: See Section 2 under Hazardous Ingredient. **Routes of Entry:** Skin contact, eyes, inhalation.
Irritancy of Product: Irritating to skin, eyes and respiratory system. **Carcinogenicity:** None known.
Sensitization: None known. **Mutagenicity:** None known.
Name of Toxicological Synergistic Product: None known **Reproductive Toxicity:** None known.
Teratogenicity: None known.
Effects of Chronic Exposure: Prolonged or repeated exposure may cause skin irritation or dermatitis. Also may cause blood disorders through skin absorption of ethylene glycol monobutyl ether (based on animal test data).
Effects of Acute Exposure to Product: Product exposure may irritate skin and eyes. Prolonged inhalation of vapors or mists may cause respiratory irritation, headaches, nausea, etc. Also may be harmful if absorbed through skin. Ingestion may cause gastrointestinal and abdominal discomfort and symptoms similar to inhalation. Small amounts of liquid aspirated into lungs during ingestion or from vomiting may cause mild to severe pulmonary injury.

SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: If expose to vapors or mists and depending on the exposure level wear an approved half-face or full face dust/mist and organic vapor respirator.
Ventilation: Use with good general ventilation or local exhaust for confined areas. **Eye Protection:** Chemical goggles, safety glasses or goggles.
Protective Gloves: Nitrile or neoprene gloves. **Protective Clothing and Equipment:** Long sleeves coveralls. Eye wash recommended in the immediate work area.
Storage and Handling Procedures: Store in a cool, dry place away from incompatible materials. Keep container closed when not in use. Do not mix with any other chemicals. Avoid contact with skin, eyes, and clothing. Use good industrial hygiene. Store at temperatures below 30°C (86°F).
Disposal Procedures for Spills or Leaks: Wear protective equipment including respirator. Extinguish all nearby sources of ignition. Keep material away from sewers. Dike and contain large spills. Pump spill into an approved flammable waste container. For small spills soak up with suitable absorbent such as clay, soil or commercially available absorbents and scoop into an approved flammable waste container.
Waste Disposal Method: Reuse if possible, or otherwise dispose recovered material in accordance with all local, Provincial or Federal Regulations.
Special Shipping Information: Store at temperatures below 30°C (86°F).

SECTION 8 – EMERGENCY FIRST AID PROCEDURES

First Aid: If swallowed, give plenty of clean water to drink to dilute product. Do not induce vomiting. Call a Physician. In case of contact with eyes, flush with clean water for 15 minutes. Get medical attention. For contact with skin, wash with clean water and rinse well. If irritation occurs or persists, get medical attention.

PREPARATION DATA

PREPARED BY: Technical Service / Regulatory Division

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THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE