

SEAL KING INC.
14 MELANIE DR. UNIT 15
BRAMPTON, ON L6T 4L3

SAFETY DATA SHEET

PRODUCT: GREASE RELEASE

SECTION 1: MATERIAL IDENTIFICATION AND USE

TDG CLASSIFICATION Not regulated
UN NUMBER Not applicable
PACKING GROUP Not applicable
WHMIS CLASSIFICATION B-3 D-2A D-2B
CHEMICAL FORMULA Not applicable
CHEMICAL FAMILY Not applicable
MOLECULAR WEIGHT Not applicable
MATERIAL USE Degreaser

SECTION 2: HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS#	LD ₅₀ (species & route)	LC ₅₀ (species & route)
Petroleum Distillate	40-70	64742-47-8	5600 mg/kg (rat, oral)	13700 ppm/4 H (rat, inhalation)
Petroleum Distillate	10-30	64742-95-6	5600 mg/kg (rat, oral)	10200 ppm/4 H (rat, inhalation)
Xylene	7-13	1330-20-7	4700 mg/kg (rat, oral)	8700 ppm/4 H (rat, inhalation)

SECTION 3: PHYSICAL DATA

APPEARANCE Yellow liquid
ODOUR Mild hydrocarbon odour
FREEZING POINT (°C) Not available
BOILING POINT (°C) 140
ODOUR THRESHOLD (ppm) Not available
VAPOUR PRESSURE (mm HG) 6.5
VAPOUR DENSITY (air=1) 3.9
PERCENT VOLATILE 90
EVAPORATION RATE (nBuAc=1) 0.13
pH 1% = 7.9
SPECIFIC GRAVITY (water=1) 0.81
COEFF. OF WATER/OIL DISTRIBUTION Not available
SOLUBILITY IN WATER Emulsifies in water

SECTION 4: FIRE AND EXPLOSION DATA

FLAMMABILITY Yes, with air at or above the flashpoint
EXTINGUISHING MEDIA CO₂, foam, water fog, or dry chemical. Do not use in water.
SPECIAL PROCEDURES Wear self-contained breathing apparatus with a full face piece operated in the positive pressure mode. Use water spray to keep containers cool.
FIRE and EXPLOSION HAZARDS Vapours are heavier than air and may travel long distances before igniting and flashing back to the source.
FLASHPOINT (°C) and METHOD 40 TCC
AUTO-IGNITION TEMPERATURE (°C) Not available
LOWER FLAMMABLE LIMIT 1.0

UPPER FLAMMABLE LIMIT	5.4
HAZARDOUS COMBUSTION PRODUCTS	Carbon monoxide, carbon dioxide, and various hydrocarbons.
SENSITIVITY TO STATIC DISCHARGE	Yes
SENSITIVITY TO MECHANICAL IMPACT	No

SECTION 5: REACTIVITY DATA

CHEMICAL STABILITY	Yes
INCOMPATIBILITY	Avoid strong oxidizing agents and mineral acids.
CONDITION OF REACTIVITY	Not normally reactive. Avoid excessive heat, open flames and all ignition sources.
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon monoxide and carbon dioxide.

SECTION 6: TOXICOLOGICAL EFFECTS

ROUTES OF ENTRY:

ACUTE EXPOSURE

INGESTION	May cause gastrointestinal irritation. Aspiration of material into the lungs can cause chemical pneumonitis, which can be fatal.
SKIN ABSORPTION	Not available
SKIN CONTACT	May cause irritation, drying, and defatting of the skin.
EYE CONTACT	Slight irritation.
INHALATION	Excessive inhalation may cause irritation to eyes, nose, throat, lungs, central nervous system depression, dizziness, loss of balance and coordination, unconsciousness, coma, respiratory failure, and death.

CHRONIC EXPOSURE

INGESTION	Not available
SKIN ABSORPTION	Not available
SKIN CONTACT	Prolonged and repeated contact may lead to dermatitis.
EYE CONTACT	Not available
INHALATION	Solvent abusers exposed to high doses of aromatic solvents show signs of hearing loss, and brain, liver, and kidney damages. Excessive exposure during pregnancy may be hazardous to the developing fetus.

CARCINOGENICITY	Not listed and not expected
TERATOGENICITY	Not expected
REPRODUCTIVE TOXICITY	High exposures to xylene in some animal studies, often at levels toxic to the mother, affected embryo/fetal development. The significance of this finding to humans is not known.
MUTAGENICITY	Not expected
SYNERGISTIC PRODUCTS	None known

EXPOSURE LIMIT OF MATERIAL

THRESHOLD LIMIT VALUE	100 ppm (1997 ACGIH)
LD ₅₀ OF MATERIAL	5432 mg/kg (rat, oral)
LC ₅₀ OF MATERIAL	11696 mg/kg (rat, inhalation)

SECTION 7: PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES	Wear vinyl or rubber gloves.
RESPIRATOR	Wear a properly fitted NIOSH/MSHA approved air purifying full face respirator with organic vapour canister if the threshold limit value is exceeded in the workplace.

EYE	Splash proof chemical goggles and face shield.
FOOTWEAR.....	Neoprene boots.
CLOTHING.....	Wear impervious protective clothing.
OTHER.....	Maintain a sink, eye bath, and safety shower in the work area.

ENGINEERING CONTROLS..... Good ventilation (typically 10 air changes per hour) should be sufficient to control airborne levels.

Supplementary local exhaust ventilation, close systems, or respiratory protection may be needed in special circumstances, such as, poorly ventilated spaces, mechanical generation of dusts, heating, drying, etc.

LEAK and SPILL PROCEDURES Eliminate all sources of ignition. Wear protective equipment. Small spills can be handled routinely. For larger spills use adequate ventilation and wear a respirator to prevent inhalation. Stop spill at source. Prevent material from entering waterways. Collect for recovery or disposal.

WASTE DISPOSAL..... In accordance with Municipal, Provincial, and Federal regulations.

HANDLING PROCEDURES and EQUIPMENT..... Never use welding or cutting torch on or near drum. Use grounding cables and spark resistant tools. Avoid splash filling. Follow label warnings even when container is empty.

STORAGE REQUIREMENTS Store in a cool well ventilated location away from ignition sources.

SPECIAL SHIPPING INFO. Keep container tightly closed.

SECTION 8: FIRST AID MEASURES

EYE CONTACT..... Flush eye and surrounding skin with a large volume of water, using an eyewash fountain for at least 15 minutes. Thoroughly rinse under lids. Obtain medical attention as soon as possible after first aid has been completed.

SKIN CONTACT Start flushing while removing contaminated clothing. Wash area well with soap and water. If irritation persists obtain medical attention.

INGESTION..... DO NOT INDUCE VOMITING. Guard against aspiration into the lungs by having the individual turn onto their side. If vomiting occurs spontaneously keep head below hips to prevent aspiration of liquids into the lungs. Get medical attention immediately.

INHALATION Remove to fresh air. If breathing has stopped, administer artificial respiration and seek medical attention.

SOURCES USED..... Other MSDS forms, lab results, and technical references.

ADDITIONAL INFORMATION..... GET MEDICAL HELP PROMPTLY! Use common sense and good hygiene.

SECTION 9: PREPARATION DATE OF SDS

ORIGINAL PREPARATION BY LINO TATONE

DATE..... JANUARY 01, 2018

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