

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

SAFETY DATA SHEET

PRODUCT: RUST REMOVER

SECTION 1: MATERIAL IDENTIFICATION AND USE

TDG CLASSIFICATION Not regulated
UN NUMBER UN1805
PACKING GROUP Packing Group III
WHMIS CLASSIFICATION Corrosive Material
CHEMICAL FORMULA Not applicable
CHEMICAL FAMILY Phosphoric Acid Solution
MOLECULAR WEIGHT Not applicable
MATERIAL USE Rust remover

SECTION 2: HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS#	LD ₅₀ (species & route)	LC ₅₀ (species & route)
Phosphoric Acid	70-85%	007664-38-2	-	-

APPEARANCE Clear liquid
ODOUR None
FREEZING POINT (°C) Not applicable
BOILING POINT (°C) 100°C
ODOUR THRESHOLD (ppm) Not available
VAPOUR PRESSURE (mm HG) 1MM
VAPOUR DENSITY (air=1) Not available
PERCENT VOLATILE 100
EVAPORATION RATE (nBuAc=1) Not available
pH 1.5
SPECIFIC GRAVITY (water=1) 1.06
COEFF. OF WATER/OIL DISTRIBUTION Not available
SOLUBILITY IN WATER Soluble in water

SECTION 4: FIRE AND EXPLOSION DATA

FLAMMABILITY Not applicable
EXTINGUISHING MEDIA Not applicable
SPECIAL PROCEDURES Not applicable
FIRE and EXPLOSION HAZARDS Not applicable
FLASHPOINT (°C) and METHOD None
AUTO-IGNITION TEMPERATURE (°C) Not applicable
LOWER FLAMMABLE LIMIT Not applicable
UPPER FLAMMABLE LIMIT Not applicable
HAZARDOUS COMBUSTION PRODUCTS None known
SENSITIVITY TO STATIC DISCHARGE Not applicable
SENSITIVITY TO MECHANICAL IMPACT Not applicable

SECTION 5: REACTIVITY DATA

CHEMICAL STABILITY Stable
INCOMPATIBILITY Avoid mixing with strong alkalis, solutions containing ammonia and metals.
HAZARDOUS DECOMPOSITION PRODUCTS None known

SECTION 6: TOXICOLOGICAL EFFECTS

ROUTES OF ENTRY:

ACUTE EXPOSURE

INGESTION Burning of mucous membranes
SKIN CONTACT Causes immediate skin burns
EYE CONTACT Burning of eye tissues

EXPOSURE LIMIT OF MATERIAL

THRESHOLD LIMIT VALUE ACGIH-TLV 1mg/M3
LD₅₀ OF MATERIAL.. Not known
LC₅₀ OF MATERIAL.. Not known

SECTION 7: PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES..... Chemical rated gloves.
RESPIRATOR..... NIOSH-MESA approved respirator.
EYE Wear chemical goggles.
CLOTHING..... Long sleeve shirt, trousers.

LEAK and SPILL PROCEDURES Flush thoroughly with water. For large spills, area should be dyked and product recovered.

WASTE DISPOSAL..... Contact Municipal or Federal Agencies to ensure compliance of disposal methods with regulation.

HANDLING PROCEDURES and EQUIPMENT..... Use proper physical protection when handling.

STORAGE REQUIREMENTS Do not store below 0°C.

SECTION 8: FIRST AID MEASURES

EYE CONTACT..... Immediately hold face under running water for 20 minutes with eyes held open. Get prompt medical attention.

SKIN CONTACT Flush with plenty of cold water.

INGESTION..... Drink several glasses of water, get prompt medical attention.

SOURCES USED..... Supplier's data sheets

ADDITIONAL INFORMATION..... Seek first aid in case of contact or suspicion of contact.
Call physician immediately.

SECTION 9: PREPARATION DATE OF SDS

ORIGINAL PREPARATION BY LINO TATONE

DATE..... JANUARY 01, 2018

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