



1	HEALTH
0	FLAMMABILITY
1	REACTIVITY
0	PROTECTIVE EQUIPMENT

MATERIAL SAFETY DATA SHEET

Emergency Telephone Number: 800-256-2548 (day) 905-890-3466 (night)

Fax Number: 905-564-7077

Poison Control Center: Poisonsdex Alert System

SECTION I - PRODUCT IDENTIFICATION & USE

Product Name: RUST BLOCK Bulk Liquid

Application: RUST BLOCK is an industrial product designed as a corrosion preventative and treatment on metals and vehicular structures, electrical connectors, and as a lubricant in mechanized equipment.

SECTION II - COMPOSITION

Chemical Composition: RUST BLOCK is a proprietary blend of ultra pure synthetic and organic Hydrocarbons..

SECTION III – COMPONENTS (None hazardous as per CFR 29 1910.1200)

Chemical Names	CAS #	OSHA / PEL	Vol. %
Refined base stock	72623-85-9 72623-83-7	5 mg/m ³ (TWA 8 hr)	70-100
Inhibitor package	Proprietary	Not Established	5-10

SECTION IV - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	>300 F	Specific Gravity (H ₂ O=1):	.90
Vapor Pressure (mmHg.):	< 8mm Hg.	Melting Point (Deg. F):	N/A
Vapor Density:	Heavier than air (Air)	Evaporation Rate:	Slower (Relative to Butyl Acetate)
Solubility in Water:	Slight	Odor:	Fresh Scent
Appearance:	Red Liquid		

SECTION V - FIRE AND EXPLOSION HAZARD DATA

Flash Point:	>350F°. Method: TCC
Flammable Limits:	LEL 1.0 UEL: 6.0
Extinguishing Media:	CO ² Dry Chemical Foam Water spray
Fire Fighting Procedures:	Use full protective equipment and self-contained breathing apparatus. Cover with extinguishing agent. Use water spray to cool fire exposed containers and as a protective screen. Do not point solid water stream directly into burning liquid to avoid spreading fire.
Fire Explosion Hazards:	Treat as combustible liquid. Do not flame cut, drill or weld empty containers.
Fire Hazard Identification:	NFPA STD.704 Health -1 Flammability-0-Reactivity-1

SECTION VI - REACTIVITY DATA

Stability:	Stable
Incompatibility:	Oxidizing materials (Liquid or compressed oxygen, peroxides, chlorine)
Hazardous Decomposition:	Thermal conditions produces normal products of combustion including: Carbon Oxides (CO- CO ²) Nitrogen oxides (NO ² -NO) Sulfur oxides (SO ² -SO ₃).
Hazardous Polymerization:	Will not occur

SECTION VII - TOXICOLOGICAL PROPERTIES

RUST BLOCK Bulk Liquid has not been tested (oral, eye, dermal) as a complete mixture. Based on available data and manufacturers experience the product is believed to be "None Toxic" according to EPA /OCED and FHSA guidelines.

Primary Routes of entry:

Acute Oral: LD50 > 5000 mg/kg

Acute Eye: LC50 > 5000 mg/kg

Acute Dermal: LD50 > 5000 mg/kg

Acute Inhalation LC50 > 5000 mg/m³/4hr.

(based on distillate)

Carcinogenicity: Non-carcinogenic, according to NTP, IARC, OSHA or ACGIH.

Sensitization: Non-sensitizer

Mutagenic effects: No

Tetragenic: No

Reproductive: No

Developmental: No

EFFECTS OF OVEREXPOSURE:

Inhalation: May cause headache, nausea, or dizziness.

Skin and Eyes: May cause drying, chapping of skin; May cause redness of eyes

Ingestion: May be harmful or fatal if swallowed.

SECTION VIII - EMERGENCY AND FIRST AID PROCEDURES

Skin: Remove excess by wiping, followed by washing with soap and water.

Eyes: Copious warm water flush - 15 minutes, Physician assessment if eyes inflamed.

Inhalation: Evacuate to fresh air. Apply CPR if required. If resuscitation is required, Physician assessment mandatory.

Ingestion: **DO NOT INDUCE VOMITING.** Give 1/2 pint milk to drink. If vomiting takes place, lean victim forward to prevent aspiration into lungs. Aspiration into the lungs may cause chemical pneumonitis, which can be fatal. Mandatory physician assessment : Note to Physician: Consult standard literature for Hydrocarbon poison.

SECTION IX - PREVENTIVE MEASURES

Steps to be taken if Spilled: Eliminate sources of ignition - Stop or reduce flow with barricades - Absorb small spills using dry clay, commercial sorbents. Collect residue into suitable container for disposal. Material may be drained into floor drains equipped with Oil Interceptors.

Waste Disposal Method: Dispose in approved landfill site or incinerate at licensed waste reclaimer facility. Liquid waste may be removed by licensed reclaimer, under Used Oil Classification (L252). Follow all Local, Provincial, State and Federal Requirements. Materials not listed as a hazardous waste under RCRA.

Ventilation: Provide sufficient General or Mechanical ventilation to maintain exposure below flammable limits.

Respiratory Protection: None normally needed - Unless atomizing in enclosed space, then use approved NIOSH organic, mist, vapor, respirator.

Protective Gloves: None normally needed.

Eye Protection: None normally required, unless operator is using high-pressure spray equipment or splashing is likely.

Other Protective Clothing: None normally needed.

Work/Hygienic Practices: Wash hands and face with soap and water after use. Launder soiled clothing.

