

1 IDENTIFICATION

2505005

Metal Surface Protectant

Hubbard-Hall Inc.
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2 HAZARDS IDENTIFICATION



WARNING

Flammable Liquids Hazard Category 4

Acute Toxicity-Inhalation Hazard Category 4

Skin Corrosion/Irritation Hazard Category 2

Eye Damage/Irritation Hazard Category 2B

Aspiration Hazard Category 1

Specific Target Organ Toxicity (Single Exposure) Hazard Category 3

Combustible liquid.

Harmful if inhaled.

Causes skin irritation.

Causes eye irritation.

May cause drowsiness or dizziness.

May be fatal if swallowed and enters airways.

Keep away from heat/sparks/open flames/hot surfaces - No Smoking.

Wear rubber protective gloves and goggles.

Avoid breathing dust, fumes, gas, mist, vapors and sprays.

Use only outdoors or in well ventilated area.

In case of fire: Use foam, dry chemicals, carbon dioxide or other type of vapor producing extinguisher.

If swallowed: Immediately call poison center or doctor.

Do NOT Induce vomiting.

If inhaled: Remove person to fresh air and keep comfortable for breathing. Call poison center/doctor if you feel unwell.

If on skin: Wash with plenty of water.

Specific treatment - refer to poison center or doctor for advice.

If skin irritation or rash occurs, get medical advice/attention.

Take off immediately all contaminated clothing and wash it before reuse.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical attention .

Store in well ventilated place. Keep container tightly closed.

Store locked up.

Store in a well ventilated place. Keep cool .

3 COMPOSITION INFORMATION

Distillates(petroleum),hydrotreated light		64742-47-8	Approx 70%
Paraffin oils (petroleum), catalytic dewaxed light	-	64742-71-8	0-13%
Distillates (petroleum), hydrotreated heavy paraffinic	-	64742-54-7	0-13%

4 FIRST AID

Remove exposed person to fresh air and support breathing as needed.

Take off immediately all contaminated clothing. Wash off IMMEDIATELY with plenty of water for at least 15-20 minutes. Get medical attention immediately! Wash clothing separately before reuse. Destroy or thoroughly clean all contaminated shoes.

If in eyes: Rinse cautiously for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritated, call doctor.

Immediately call poison center or doctor and explain the type of exposure to the chemical(s) and provide the name of the chemical(s).

Never give anything by mouth to an unconscious person. If swallowed, do not induce vomiting. Give large quantities of water. If available, give several glasses of milk. If vomiting occurs spontaneously, keep airway clear. Seek medical attention.

Breathing of vapor or mist is possible. Breathing this material may be harmful. Symptoms are not expected at air concentrations below the recommended exposure limits(see section 8). It is possible to breath this material under certain conditions of handling and use (for example, during heating, spraying, or stirring). Causes respiratory tract irritation. Harmful if inhaled. Inhalation may cause central nervous system effects.

This product can cause transient mild eye irritation with short-term contact with liquid sprays or mists. Symptoms include stinging, watering, redness, and swelling.

This product can cause mild, transient skin irritation. The severity of irritation will depend on the amount of material that is

2505005

METAL GUARD 505

A spill or leak can cause an immediate fire or explosion hazard. Keep containers closed and do not handle or store near heat, sparks, or any other potential ignition sources. Avoid contact with oxidizing agents. DO NOT breathe vapor. Use only with adequate ventilation and personal protection. Never siphon by mouth. Avoid contact with eyes, skin, and clothing. Prevent contact with food and tobacco products. DO NOT take internally.

When performing repairs and maintenance on contaminated equipment, keep unnecessary persons away from the area. Eliminate all potential ignition sources. Drain and purge equipment as necessary, to remove material residues. Follow proper entry procedures, including compliance with 29 CFR 1910.146 prior to entering confined spaces such as tanks or pits. Use gloves constructed of impervious materials and protective clothing if direct contact is anticipated. Use appropriate respiratory protection when concentrations exceed any established occupational exposure level (see Section 8). Promptly remove contaminated clothing. Wash exposed skin thoroughly with soap and water after handling.

Non-equilibrium conditions may increase the fire hazard associated with this product. A static electrical charge can accumulate when this product is flowing through pipes, nozzles or filters when it is agitated. A static spark can ignite accumulated vapors particularly during dry weather conditions. Always bond receiving containers to the fill pipe before and during loading. Always confirm that receiving container is properly grounded. Bonding and grounding alone may be inadequate to eliminate fire and explosion hazards associated with electrostatic charges.

Carefully review operations that may increase risks associated with static electricity such as tank and container filling, tank cleansing, sampling, gauging, loading, filtering, mixing, agitation, etc. In addition to bonding and grounding, efforts to mitigate the hazards of an electrostatic discharge may include, but are not limited to ventilation, inerting and/or reduction of transfer velocities. Dissipation of electrostatic charges may be improved with the use of conductivity additives when used with other mitigation efforts including bonding and grounding. Always keep nozzle in contact with the container throughout the loading process.

Do NOT fill any portable container in or on a vehicle. Do NOT use compressed air for filling, discharging or other handling operations. Product container is NOT designed for elevated pressure. DO NOT pressurize, cut, weld, braze solder, drill, or grind containers. Do NOT expose product containers to flames, sparks, heat or other potential ignition sources. Empty containers may contain residues which can ignite with explosive force. Observe label precautions.

Keep container tightly closed. Store in a cool, dry, well ventilated area. Store only in approved containers. Do not store with oxidizing agents. Do not store at elevated temperatures or in direct sunlight. Protect containers against physical damage. Head spaces in tanks and other containers may contain a mixture of air and vapor in the flammable range. Vapor may be ignited by static discharge. Storage area must meet OSHA requirements and applicable fire codes. Additional information regarding the design and control of hazards associated with handling and storage of flammable and combustible liquids may be found in professional and industrial documents including,

but not limited to, the National Fire Protection Association (NFPA) publications NFPA 30 ("Flammable and Combustible Liquid Code"), NFPA 77 ("Recommended Practice on Static Electricity") and the American Petroleum Institute (API) Recommended Practice 2003, ("Protection Against Ignitions Arising Out of static, Lightning, and Stray Currents").

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Distillates(petroleum),hydrotreated light	ACGIH	200 mg/m3	
Paraffin oils (petroleum), catalytic dewaxed light	ACGIH	5 mg/m3 8 hrs (Inhalable fraction)	-
Distillates (petroleum), hydrotreated heavy paraffinic	ACGIH	5 mg/m3 8 hrs (Inhalable fraction)	-

Eyes, Skin, Inhalation, Ingestion

12 ECOLOGICAL INFORMATION

Petroleum Distillates,hydrotreated light-LL50:25 mg/L 96 h
Petroleum Distillates, hydrotreated light-EI50: 1.4 mg/L 48 h
Not Available

No data available

No data available

No data available

13 DISPOSAL CONSIDERATION

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14 TRANSPORT INFORMATION

NOT D.O.T. REGULATED

15 REGULATORY INFORMATION

16 OTHER INFORMATION

The information is based on our knowledge to date but does not constitute an assurance of product properties and does not imply a legal contractual relationship.

11/7/14