



Safety Data Sheet

Better Chemistry. Better Business

METAL GUARD® 270

Revised: 7/21/22

1 IDENTIFICATION

Product Name: METAL GUARD® 270

Product Code :2502070

Recommended use of the chemical and restrictions on use:Metal Surface Protectant

Hubbard-Hall Inc.

563 South Leonard Street
Waterbury, CT 06708

Telephone: 203-756-5521

Fax number: 203-756-9017

Emergency Phone Number

CHEMTREC: 1 (800) 424-9300

International: 1 (703) 527-3887

2 HAZARDS IDENTIFICATION



Signal Word: DANGER

Hazard Category: Aspiration Hazard Category 1

Hazard Statements: May be fatal if swallowed and enters airways.

Response: If swallowed: Immediately call poison center or doctor.

Do NOT Induce vomiting.

Storage: Store locked up.

Disposal: Dispose of contents/container in accordance with local, regional, national, or international regulations.

3 COMPOSITION INFORMATION

Chemical Name	Common Name And Synonyms	CAS No. and other Unique identifiers	Concentration %
Paraffin oils (petroleum), catalytic dewaxed light		64742-71-8	50-60
Distillates (petroleum), hydrotreated heavy paraffinic		64742-54-7	40-50

4 FIRST AID

After Inhalation:

If inhaled: Remove person to fresh air and keep comfortable for breathing. Get medical attention.

After Skin Contact:

If on skin(on hair): Take off immediately all contaminated clothing. Rinse with water/safety shower. Call doctor if irritation persists.

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

After Eye Contact:

If in eyes: Wash cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.

After Ingestion:

If swallowed: Rinse mouth. Do NOT induce vomiting.

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

Most Important Symptoms/Effects

Special Precautions / Procedures:

Emergency personnel should protect against secondary contamination.

5 FIRE FIGHTING MEASURES

Suitable and Unsuitable extinguishing media:	In case of fire: Use water spray (fog), foam, dry chemicals, carbon dioxide, or other type of vapor producing extinguisher.
Specific hazards arising from the chemical:	Carbon oxides may be produced.
Special protective equipment and precautions for firefighter	Firefighters must use full bunker gear including NIOSH approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies. Evacuate area and fight fire from a maximum distance or use unmanned hose holders or monitor nozzles. Cover pooling liquid with foam. Containers can build pressure if exposed to radiant heat; cool adjacent containers with flooding quantities of water until well after the fire is out. Withdraw immediately from the area if there is a rising sound from a venting safety device or discoloration of vessels, tanks, or pipelines. Be aware that burning liquid will float on water. Notify appropriate authorities of potential fire and explosion hazard if liquid enters sewers or waterways.

6 ACCIDENTAL RELEASE MEASURES

Methods and Materials for containment & cleaning up:	If trained in accordance 29 CFR 1910.120, leaks should be stopped. Spills should be contained and cleaned immediately. Persons performing clean up work should wear adequate personal protective equipment and clothing. Spills and releases should be reported, if required, to the appropriate local, state and federal regulatory agencies. Caution: Spilled material may be slippery. If trained according to OSHA 29 CFR 1910.120 contain the spill, clean it up and decontaminate the area.
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7 HANDLING AND STORAGE

Precautions for safe handling:	Eating, drinking and smoking in the work area is prohibited. Avoid breathing dust, fumes, gas, mist, vapors and sprays. Wash hands thoroughly after handling. Wear rubber protective gloves and goggles. Do not get in eyes, or on skin, or on clothing.
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Conditions for safe storage, inc any incompatibilities: Store locked up and away from incompatible chemicals.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	Std.	TWA-8hrs	STEL - 15 min.
Paraffin oils (petroleum), catalytic dewaxed light	ACGIH	5 mg/m ³ 8 hrs (Inhalable fraction)	
Distillates (petroleum), hydrotreated heavy paraffinic	ACGIH	5 mg/m ³ 8 hrs (Inhalable fraction)	

ACGIH - American Control of Governmental Hygenists
OSHA - Occupational Safety and Health Administration

Ventilation: Use local exhaust to keep personal exposures below the OSHA Permissible Exposure Limit (s) (PEL) or the ACGIH threshold Limit Values (TLV)Time Weight Average (TWA).

Respiratory Protection: Not required if proper ventilation controls are employed.

Protective Gloves: Rubber gloves

Eye Protection: Wear safety glasses with side shields.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid with slight tint

Odor: Mild odor

Odor Threshold: N/A

PH: 4-7

Melting Point/Freezing Point: N/A

Initial Boiling Point and Boiling Range: N/A

Flash Point: 310 °F

Evaporation Rate: N/A

Flammability (solid, gas): N/A

Upper/Lower flammability or explosive limits: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Relative Density: 0.9251

Solubility (ies): Dispersible

Partition Coefficient; n-octanol/water: N/A

Auto-ignition Temperature: N/A

Decomposition Temperature: N/A

Viscosity: N/A

10 STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions

Conditions to Avoid: Extremely high temperatures

Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide

11 TOXICOLOGICAL INFORMATION

Oral Administration:	Paraffin Oils (petroleum), catalytic dewaxed light: LD50(Rat)->5000 mg/kg
Oral Administration:	Distillates (petroleum), hydrotreated heavy paraffinic-LD50(Rat)->15000 mg/kg
Inhalation:	Paraffin Oils (petroleum) catalytic dewaxed light-LC50(Rat-female)-9.5 mg/L 4 h
Inhalation:	Distillates (Petroleum) hydrotreated heavy paraffinic-LC50(Rat)- 5.7 mg/L 4 h
Dermal administration:	Paraffin Oils (petroleum), catalytic dewaxed light-LD50(Rabbit)->2000 mg/kg
Dermal administration:	Distillates (petroleum), hydrotreated heavy paraffinic-LD50(Rabbit)->5000 mg/kg
Cancer Hazard:	Not listed by IARC, NTP, OSHA, ACGIH

12 ECOLOGICAL INFORMATION

Daphnia Magna,	no data available
Persistence and	Not Available
Degradability:	
Abiotic degradability:	No data available
Biotic degradability:	No data available
Bioaccumulation potential:	Not known
Soil/Sediment Result:	No data available

13 DISPOSAL CONSIDERATION

Dispose of in accordance with local, state and federal regulations.

14 TRANSPORT INFORMATION

UN Proper Shipping Name: NOT D.O.T. REGULATED

15 REGULATORY INFORMATION

HMIS: Health: 1 Flammability: 1 Reactivity: 0

Sara Hazard Classification	The chemicals in this product are not subject to SARA Title III, Section 313 Reporting Requirements.
Proposition 65	No Proposition 65 listed components in this formula
TSCA Inventory Status	All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements .

16 OTHER INFORMATION

REACH status No **RoHS** or **REACH SVHC** are contained in this product.

Disclaimer: 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.

Date Prepared: 12/15/14