



Safety Data Sheet

Better Chemistry. Better Business

METAL GUARD 505 HF

Revised: 8/11/15

1 IDENTIFICATION

Product Code :2505006
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.
Pictogram: Health Hazard
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 % |
|--|--------------------------|--------------------------------------|-----------------|
| Distillates petroleum, hydrotreated light | - | 64742-47-8 | ~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

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

After Skin Contact:

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

After Eye Contact:

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

After Ingestion:

If swallowed: Rinse mouth. Do NOT induce vomiting.

Most Important Symptoms/Effects

Inhalation:

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 breathe 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.

Eye:

Irritation of eyes and skin.

Skin:

This product can cause mild, transient skin irritation. The severity of irritation will depend on the amount of material that is applied to the skin and the speed and thoroughness that it is removed. Symptoms include redness, itching, and burning of the skin. Repeated or prolonged skin contact can produce moderate irritation(dermatitis).

Ingestion:

If swallowed, this material may irritate the mucous membranes of the mouth, throat, and esophagus. It can be readily absorbed by the stomach and intestinal tract. Symptoms include a burning sensation of the mouth and esophagus, nausea, vomiting, dizziness, staggering gait, drowsiness, loss of consciousness, and delirium, as well as additional central nervous system (CNS) effects. Due to its light viscosity, there is a danger of aspiration into the lungs during vomiting. Aspiration can result in severe lung damage or death.

Indication of immediate medical attention:

Provide general supportive measures and treat symptomatically. Symptoms may be delayed. Keep victim under observation.

5 FIRE FIGHTING MEASURES

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| Suitable and Unsuitable extinguishing media: | Will not burn or support combustion. Use extinguishing media appropriate for surrounding fire, such as water spray, dry chemical, foam or carbon dioxide. |
| Specific hazards arising from the chemical: | Carbon oxides may be produced. |
| Special protective equipment and precautions for firefighter | Wear chemical resistant protective equipment and self contained breathing apparatus (SCBA). |

6 ACCIDENTAL RELEASE MEASURES

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| Methods and Materials for containment & cleaning up: | Stop spill at source. Caution: Spilled material may be slippery. 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. Absorb the chemical onto sand, vermiculite, or any other non-combustible absorbent, and collect into containers for later disposal. |
|---|--|

7 HANDLING AND STORAGE

| | |
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| Precautions for safe handling: | Wash hands thoroughly after handling. |
|---------------------------------------|---------------------------------------|

Wear rubber gloves, goggles and chemical protective clothing.

Eating, drinking and smoking in the work area is prohibited.

**Conditions for safe storage,
inc any incompatibilities:**

Do not allow material to freeze.

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) | - |
| Petroleum Distillates | Not established | | |

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

Protective Gloves: Rubber gloves

Eye Protection: Wear chemical safety goggles.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear amber liquid

Odor: Characteristic hydrocarbon odor.

Odor Threshold: N/A

PH: N/A

Melting Point/Freezing Point: N/A

Initial Boiling Point and Boiling Range: N/A

Flash Point: None

Evaporation Rate: N/A

Flammability (solid, gas): Non flammable

Upper/Lower flammability or explosive limits: N/A

Vapor Pressure: 10 mm Hg

Vapor Density: 4.8

Relative Density: 0.852

Solubility (ies): Neglligible in water

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

Auto-ignition Temperature: N/A

Decomposition Temperature: N/A

Viscosity: N/A

10 STABILITY AND REACTIVITY

Reactivity: Hazardous Polymerization will not occur.

Chemical Stability: Stable under normal conditions

Possibility of Hazardous Reactions: Hazardous polymerization does not occur.

Incompatible Materials: Avoid contact with strong oxidizers and strong acids.

11 TOXICOLOGICAL INFORMATION

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| Oral Administration: | Not established for this product |
| Oral Administration: | Distillates (petroleum), hydrotreated heavy paraffinic-LD50(Rat)->15000 mg/kg |
| Oral Administration: | Petroleum Distillates LD50(Rat)->5000 mg/kg |
| Inhalation: | Petroleum Distillates LC50 (Rat-4 h)- 0.5 mg/L |
| 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 |
| Dermal administration: | Petroleum Distillates-LD50(Rabbit)-2000-4000 mg/kg |
| Immediate effects: | Irritation/ burns of skin and eyes. |
| Cancer Hazard: | Not listed by IARC, NTP, OSHA, ACGIH |

12 ECOLOGICAL INFORMATION

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|---------------------------------------|---------------------|
| Persistence and Degradability: | Not Available |
| Biotic degradability: | No data available |
| Bioaccumulation potential: | Unlikely |
| Water result: | Disperses in water. |
| 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: 0 Reactivity: 0

16 OTHER INFORMATION

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.