

Safety Data Sheet

Better Chemistry. Better Business

METAL GUARD® 310

2/21/23

Product Name: METAL GUARD® 310

Product Code :2503010

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

563 South Leonard Street

Waterbury, CT 06708

: 203-756-5521

203-756-9017

Emergency Phone Number

1 (800) 424-9300

1 (703) 527-3887



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.

Components with Unknown Acute Toxicity Oral=15% Dermal = 15% Inhalation = 15%

Chemical Name	Common Name And Synonyms	CAS No. and other Unique identifiers	Concentration %

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.

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.

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.

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.

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

Store locked up and away from incompatible chemicals.

Name	Std.	TWA-8hrs	STEL - 15 min.
Paraffin oils (petroleum), catalytic dewaxed light	ACGIH	5 mg/m ³ 8 hrs (Inhalable fraction)	-
Ethanol	ACGIH	1000 ppm	-

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.

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: >200 °F (C.O.C.)

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: 0.875

Solubility (ies): Dispersible

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

Auto-ignition Temperature: N/A

Decomposition Temperature: N/A

Viscosity: N/A

VOC Content ~1%

Chemical Stability: Stable under normal conditions

Conditions to Avoid: Extremely high temperatures

Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide

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
Oral Administration: Ethanol-LD50(Rat)-7060 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
Inhalation: Ethanol-LC50(Rat)-20,000 ppm 10 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
Delayed effects: NA

Daphnia Magna, no data available
Ornithyx asinus, no data available
Chironomidus tentans, no data available
Red Top Shrimp, no data available