



Safety Data Sheet

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LASERGUARD HFP

Revised: 10/8/24

1 IDENTIFICATION

Product Name: LASERGUARD HFP

Product Code :2343015

Recommended use of the chemical and restrictions on use:Industrial applications

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



Hazard Category: Skin Corrosion/Irritation Hazard Category 2
Eye Damage/Irritation Hazard Category 2B
Specific Target Organ Toxicity (Single Exposure) Hazard Category 3
Sensitization-Skin Hazard Category 1B

Hazard Statements: Causes skin irritation.
Causes eye irritation.
May cause drowsiness or dizziness.
May cause an allergic skin reaction.

Prevention: Wash skin thoroughly after handling.
Wear rubber gloves, goggles and chemical protective clothing.
Avoid breathing dust, fumes, gas, mist, vapors and sprays.
Use only outdoors or in well ventilated area.
Contaminated work clothing must not be allowed out of the workplace.

Response: 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 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 .

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

Storage: Store in well ventilated place. Keep container tightly closed.
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 %
Dipropylene Glycol Monomethyl Ether	-	34590-94-8	~30%
Nitrobenzene Sulfonic acid sodium salt	-	127.68-4	<6%
Benzotriazole	-	95-14-7	~3%

4 FIRST AID

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.

Most Important Symptoms/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).

Indication of immediate medical attention:

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

5 FIRE FIGHTING MEASURES

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

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

- Precautions for safe handling:** Wash hands thoroughly after handling.
Wear rubber gloves, eye protection, and chemical protective clothing.
Eating, drinking and smoking in the work area is prohibited.
- Conditions for safe storage, inc any incompatibilities:** Store in properly sealed and labeled containers. Do not store outside.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	Std.	TWA-8hrs	STEL - 15 min.
Dipropylene Glycol Monomethyl Ether	ACGIH	100 ppm	150 ppm
Nitrobenzenesulfonic acid sodium salt	Not established		
Benzotriazole	ACGIH	10 mg/m3	-

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

- Protective Gloves:** Wear rubber gloves.
- Eye Protection:** Wear chemical safety goggles & full face shield

9 PHYSICAL AND CHEMICAL PROPERTIES

- Appearance:** Green Liquid
- Odor:** Sweet odor
- Odor Threshold:** N/A
- PH:** 6-7
- Melting Point/Freezing Point:** NA
- Initial Boiling Point and Boiling Range:** NA
- Flash Point:** NA
- Evaporation Rate:** N/A
- Flammability (solid, gas):** N/A
- Upper/Lower flammability or explosive limits:** non-flammable
- Vapor Pressure:** NA
- Vapor Density:** NA
- Relative Density:** 1.04
- Solubility (ies):** 100%
- Partition Coefficient; n-octanol/water:** NA
- Auto-ignition Temperature:** N/A
- Decomposition Temperature:** NA
- Viscosity:** NA

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

Oral Administration: Dipropylene Glycol Monmethyl Ether-LD50(Rat)->5000 mg/kg
Oral Administration: Benzotriazole-LD50-(Rat)-560 mg/kg
Oral Administration: M-Nitrobenzene sulfonic acid, sodium-LD50(Rat)- 11 gm/kg
Dermal administration: Dipropylene Glycol Monmethyl Ether-LD50-Rabbit-9510 mg/kg
Dermal administration: Benzotriazole-LD50(Rabbit)->2000 mg/kg
Delayed effects: NA
Immediate effects: Irritation/ burns of skin and eyes.
Cancer Hazard: Not listed by IARC, NTP, OSHA, ACGIH

12 ECOLOGICAL INFORMATION

Daphnia Magna, Benzotriazole-LC50-141.6 mg/L-48 h
Persistence and Degradability: Will biodegrade readily
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
Additional DOT info IMDG: NOT REGULATED
IATA: NOT REGULATED

15 REGULATORY INFORMATION

HMIS: Health: 1 Flammability: 0 Reactivity: 0

Sara Hazard Classification Dipropylene Glycol Monomethyl Ether is 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

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.