



Safety Data Sheet

Better Chemistry. Better Business

METAL GUARD® 822

Revised: 4/22/21

1 IDENTIFICATION

Product Name: METAL GUARD® 822
Product Code :2508022

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: Acute Toxicity-Oral Hazard Category 4
Eye Damage/Irritation Hazard Category 2A

Hazard Statements: Harmful if swallowed.
Very toxic to aquatic life

Prevention: Wash skin thoroughly after handling.
Do not eat, drink, or smoke when using this product.
Avoid releases to the environment

Response: Collect spillage
If swallowed: Call poison center, if you feel unwell.
Rinse Mouth

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 %
Sodium Nitrite		7632-00-0	~25%

4 FIRST AID

After Skin Contact:

If on skin: Wash with water and get medical attention if burned or irritated.

After Eye Contact:

Immediately flush with cool clean water for at least 15 minutes. Contact physician.

After Ingestion:

If swallowed: Rinse mouth. Call a doctor.

Most Important Symptoms/Effects

Eye:

Irritation of eye, skin, and or respiratory system.

Indication of immediate medical attention:

Severe eye and or skin irritation or burns.

5 FIRE FIGHTING MEASURES

- Suitable and Unsuitable extinguishing media:** In case of fire: Use water, foam, chemical extinguisher or carbon dioxide.
- Specific hazards arising from the chemical:** Nitrogen oxides may be produced.
- Special protective equipment and precautions for firefighter** Wear self-contained breathing apparatus for fire fighting if necessary.

6 ACCIDENTAL RELEASE MEASURES

- Personal Precautions, Protective Equipment, & Emergency Proc** Wear appropriate chemical protection equipment such as gloves, face-shield, goggles and suitable body protection to prevent contamination of skin, eyes and personal clothing.
- 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.

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:** Keep container tightly closed.

Use in well ventilated area.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	Std.	TWA-8hrs	STEL - 15 min.
Sodium Nitrite	Not established		

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

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Light Amber
Odor:	NA
Odor Threshold:	N/A
PH:	4-7
Melting Point/Freezing Point:	N/A
Initial Boiling Point and Boiling Range:	N/A
Flash Point:	N/A
Evaporation Rate:	N/A
Flammability (solid, gas):	Non flammable
Upper/Lower flammability or explosive limits:	None
Vapor Pressure:	N/A
Vapor Density:	N/A
Relative Density:	1.100
Solubility (ies):	Complete 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:	Low
Chemical Stability:	Stable under normal conditions
Possibility of Hazardous Reactions:	May explode if heated to decomposition temperature of 600° C
Conditions to Avoid:	Contact with incompatible materials. Keep away from Flammable, combustible and reducing substances.
Incompatible Materials:	Reducing agents, other oxidizers, acids, cyanide compounds, cyanate compounds, thiosulfates, ammonium compounds and amines.

11 TOXICOLOGICAL INFORMATION

Inhalation:	Headache, nausea, incoordination. Absorption into the body leads to the formation of methemoglobin which in sufficient concentrations causes cyanosis-Onset may be delayed by 2 to 4 hours or longer.
Immediate effects:	Irritation of skin and eyes.
Cancer Hazard:	IARC-2A--Group 2A: Probably carcinogenic to humans (Sodium Nitrite)

12 ECOLOGICAL INFORMATION

Fish, <i>Oncorhynchus mykiss</i>	Sodium Nitrite----flow through test LC50 - 0.94-1.92 mg/L - 96 hrs
Daphnia Magna,	Sodium Nitrite--EC50--12.5mg/L - 48 hrs
Persistence and Degradability:	Not Available
Bioaccumulation potential:	No data available
Water result:	Pronounced solubility and mobility
Other adverse effects(such as hazardous to the ozone layer):	Toxic to fish

13 DISPOSAL CONSIDERATION

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

14 TRANSPORT INFORMATION

UN Number: 3082
UN Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (SODIUM NITRITE),
Transport Hazard Class (es): 9
Packing Group: III
ERG: 171
Marine Pollutant(Y/N): toxic to fish

15 REGULATORY INFORMATION

HMIS: Health: 1 Flammability: 0 Reactivity: 0

Cercla Sodium Nitrite 100%--100 lbs

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

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: 8/4/2014