



Safety Data Sheet

Better Chemistry. Better Business

LIQUID BLACK-MAGIC SS C CONC.

Revised: 8/26/19

1 IDENTIFICATION

Product Name: LIQUID BLACK-MAGIC SS C CONC.

Product Code :2231034

Recommended use of the chemical and restrictions on use: Metal finishing

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: WARNING

Hazard Category: Acute Toxicity-Oral Hazard Category 4

Skin Corrosion/Irritation Hazard Category 2

Eye Damage/Irritation Hazard Category 2A

Specific Target Organ Toxicity (Single Exposure) Hazard Category 3

Hazard Statements: Harmful if swallowed.

May cause respiratory irritation.

Causes skin irritation.

Causes serious eye irritation.

Prevention: Avoid breathing dust, fumes, gas, mist, vapors and sprays.

Use only outdoors or in well ventilated area.

Wash skin thoroughly after handling.

Wear rubber protective gloves and goggles.

Do not eat, drink or smoke when using this product.

Response: If swallowed: Call poison center/doctor if you feel unwell.

Specific treatment - refer to poison center or doctor for advice.

Rinse Mouth.

If on skin: Wash with plenty of water.

If skin irritation occurs: Get Medical advice/attention.

Take off immediately all 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 inhaled: Remove person to fresh air and keep comfortable for breathing.

Get medical advice/attention 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 %
Sodium Nitrate	-	7631-99-4	<20%

4 FIRST AID

After Inhalation:

Move to fresh air. If breathing is difficult, give oxygen. If breathing stops, provide artificial respiration. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one way valve or other proper respiratory device. Call a physician or poison control center immediately.

After Skin Contact:

If on skin: Wash with plenty of water.

After Eye Contact:

Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Call a physician or poison control center immediately.

After Ingestion:

If swallowed: Rinse mouth. Call a doctor.

Most Important Symptoms/Effects

Inhalation:

May cause irritation and inflammation in nose, throat and lungs.

Eye:

Severe eye and or skin irritation or burns.

Ingestion:

Ingestion: May cause irritation and burning of the lips, mouth and throat,

5 FIRE FIGHTING MEASURES

Suitable and Unsuitable extinguishing media:

Avoid contact with water. Use foam, dry chemical or carbon dioxide.

Special protective equipment and precautions for firefighter

Wear chemical resistant protective equipment and self contained breathing apparatus (SCBA).

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, & Emergency Proc

Wear chemical goggle, gloves and face shield and protective clothing.

Methods and Materials for containment & cleaning up:

Ventilate area of release.

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:**
- Avoid breathing dust, fumes, gas, mist, vapors and sprays.
 - Use in well ventilated area.
 - Wash hands thoroughly after handling.
 - Wear rubber gloves, goggles and chemical protective clothing.
 - Do not store with reducing agents, strong alkali or mix with combustible materials. Store only in properly vented containers. Do not plug vent caps on containers. Do not store in direct sunlight.
- Conditions for safe storage, inc any incompatibilities:**
- Keep container tightly closed.
 - Store locked up and away from incompatible chemicals.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

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

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

- Ventilation:** Local exhaust is required to remove mist.
- Respiratory Protection:** Not required if proper ventilation controls are employed.
- Protective Gloves:** Butyl or neoprene gloves
- Eye Protection:** Wear chemical safety goggles.

9 PHYSICAL AND CHEMICAL PROPERTIES

- Appearance:** Clear water white to yellow liquid
- Odor:** NA
- Odor Threshold:** N/A
- PH:** 6.5-7.5
- Melting Point/Freezing Point:** N/A
- Initial Boiling Point and Boiling Range:** ~220 °F
- Flash Point:** N/A
- 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:** 1.169
- 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

Chemical Stability: Stable under normal conditions
Possibility of Hazardous Reactions: Hazardous polymerization does not occur.
Conditions to Avoid: Contact with incompatible materials
Incompatible Materials: Reducing agents. Combustibles, organics, and water reactive substances and acids.
Hazardous Decomposition Products: Thermal decomposition products include oxides of nitrogen.

11 TOXICOLOGICAL INFORMATION

Oral Administration: Sodium Nitrate-LC50 (rat)-1267 mg/kg ,LD50(rabbit)-2680 mg/kg
Cancer Hazard: Not listed by IARC, NTP, OSHA, ACGIH

12 ECOLOGICAL INFORMATION

Fish, *Lepomis macrochirus*, Sodium Nitrate-LC50-9000 mg/L 96 h
Persistence and Degradability: Not Available
Bioaccumulation potential: No data available
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

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.