



Safety Data Sheet

Better Chemistry. Better Business

BLACK-MAGIC® RT A

6/25/21

Product Code :2260006

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

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

Wash contaminated clothing before reuse.

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

Collect spillage

Storage: Store locked up.

Store in a well ventilated place. Keep cool.

Disposal: Dispose of contents/container in accordance with local, regional, national, or international regulations.

Chemical Name	Common Name And Synonyms	CAS No. and other Unique identifiers	Concentration %
Selenious Acid	Selenous Acid	7783-00-8	1-3%
Copper Sulfate	Blue Vitrol	7758-99-8	1-3%
Ammonium Dimolybdate	-	27546-07-2	1-3%

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:

Take off immediately all contaminated clothing. Wash off IMMEDIATELY with plenty of water for at least 15-20 minutes. Get medical attention immediately! Wash clothing separately before reuse. Destroy or thoroughly clean all contaminated shoes.

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:

Call a physician or poison control center immediately. Do not induce vomiting. Immediately rinse mouth and drink plenty of water. If vomiting occurs, keep head low so that the stomach content doesn't get into the lungs. Never give anything by mouth to an unconscious person. Do not use mouth-to-mouth method if victim ingested the substance.

Most Important Symptoms/Effects

Inhalation:

Selenium dusts produce respiratory tract irritation manifested by nasal discharge, loss of smell, epistaxis, and cough. A group of workers exposed to undetermined amounts of selenium oxide developed severe irritation of the eyes, nose, and throat, followed by headaches.

Eye:

Severe eye and or skin irritation or burns.

Skin:

Causes severe skin burns

Suitable and Unsuitable extinguishing media:

In case of fire: Use water, foam, chemical extinguisher or carbon dioxide.

1-3%

Special protective equipment and precautions for firefighter

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

SCBA and clothing to protect against acid gases and other toxic releases .

Personal Precautions, Protective Equipment, & Emergency Proc

Wear chemical goggle, gloves and face shield and protective 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.

Precautions for safe handling:

Use ventilation sufficient to keep personal exposure below the OSHA Permissible Exposure Limits (PEL) and or the ACGIH Threshold Limit Value (TLV) Time Weighted Average (TWA) exposure limits.

Do not get in eyes, or on skin, or on clothing. **TA - ACGI Threshold LNSI-j 3 0caut()56(78r2ntainmen-36l4c**

Wear rubber gloves, goggles and chemical protective clothing. **Specialhe**

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Melting Point/Freezing Point: N/A
Initial Boiling Point and Boiling Range: 212 °F
Flash Point: N/A
Evaporation Rate: N/A
Flammability (solid, gas): Non flammable
Upper/Lower flammability or explosive limits: N/A
Vapor Pressure: Same as water
Vapor Density: Same as water
Relative Density: 1.02-1.05 @ 70 °F
Solubility (ies): Complete in water
Partition Coefficient; n-octanol/water: N/A
Auto-ignition Temperature: N/A
Decomposition Temperature: N/A
Viscosity: N/A

Chemical Stability: Stable
Conditions to Avoid: Contact with incompatible materials
Incompatible Materials: Avoid contact with strong oxidizers and strong acids.
Hazardous Decomposition Products: Contact with strong acids may liberate Hydrogen Selenide.

Oral Administration: Selenious Acid-LD50(rat)-38.1 mg/kg
Oral Administration: Copper Sulfate-LD50(rat)->472.5 mg/kg
Inhalation: Copper Sulfate-LC50(rat)>2.95 mg/kg
Cancer Hazard: Not listed by IARC, NTP, OSHA, ACGIH
Routes of Exposure Eyes, Skin, Inhalation, Ingestion

Daphnia Magna, Copper Sulfate-LC50-0.182 mg/L 24 hrs
Persistence and Degradability: Not Available
Water result: Disperses in water.
Soil/Sediment Result: No data available

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

UN Number: 3264
UN Proper Shipping Name: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (SELENIOUS ACID),
Transport Hazard Class (es): 8
Packing Group: II
ERG: 154

HMIS: Health: 1 Flammability: 0 Reactivity: 1

Cercla Copper Sulfate-RQ is 10 lbs

Sara Hazard Classification Copper Compounds-SARA 313 listed

Sara Hazard Classification Selenium compounds-SARA 313 listed

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 .

REACH status No **RoHS** or **REACH SVHC** are contained in this product.

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: 6/25/21