

COPPER SULPHATE

SECTION 1: PRODUCT IDENTIFICATION

Product Name: COPPER SULPHATE
Product Code: 5098
CAS#: Not available
Synonym: Not available
Chemical Name: Not available
Chemical Formula: Not available
Formula Weight: Not available

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Composition:
Name: COPPER SULPHATE
Toxicological Data on Ingredients:
Acute toxicity, Oral (Category 4)
Eye irritation (Category 2)
Skin irritation (Category 2)

SECTION 3: HAZARDS IDENTIFICATION

Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]
Acute toxicity, Oral (Category 4)
Eye irritation (Category 2)
Skin irritation (Category 2)
Classification according to EU Directives 67/548/EEC or 1999/45/EC
Harmful if swallowed. Irritating to eyes and skin
Other hazards - none

SECTION 4: FIRST AID MEASURES

If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration.
In case of skin contact: Wash off with soap and plenty of water.
In case of eye contact: Flush eyes with water as a precaution.
If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water

SECTION 5: FIRE FIGHTING MEASURES

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special hazards arising from the substance or mixture: Carbon oxides, nitrogen oxides (NO_x), Sulphur oxides, Sodium oxides
Advice for firefighters: Wear self-contained breathing apparatus for firefighting if necessary

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions and emergency procedures: Avoid dust formation. Avoid breathing vapours, mist or gas.
Environmental precautions: Do not let product enter drains.



Methods and materials for containment and cleaning up: Sweep up and shovel. Keep in suitable, closed containers for disposal

SECTION 7: HANDLING AND STORAGE

Precautions: Keep away from heat. Keep away from sources of ignition.

Storage: Store in cool, dry place in closed containers

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/face protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.

Respiratory protection: Respiratory protection is not required. If protection from nuisance levels of dusts are desired, use type N95 or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance	:	Solid, crystals
Odor	:	Not available
Taste	:	Not available
Color	:	Not available
Molecular Weight	:	Not available
PH	:	Not available
Boiling Point	:	Not available
Melting Point	:	Not available
Critical Temperature	:	Not available
Specific Gravity	:	Not available
Vapor Pressure	:	Not available
Vapor Density	:	Not available
Volatility	:	Not available
Odor Threshold	:	Not available
Water/Oil Dist. Coeff.	:	Not available
Ionicity (in Water)	:	Not available
Dispersion Properties	:	Not available
Solubility	:	Not available

SECTION 10: STABILITY AND REACTIVITY DATA

Stability: Stable under recommended storage conditions

Instability Temperature: Not available

Conditions of Instability: Exposure to moisture

Incompatibility with various substances: Powdered metals, Anhydrous copper(II) sulfate, reacts violently with, hydroxylamine, Magnesium

Special Remarks on Reactivity: Not available

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity:

LD50 Oral - Rat - 482 mg/kg(Copper sulphate pentahydrate)



Skin corrosion/irritation: Not available
Serious eye damage/eye irritation: Not available
Respiratory or skin sensitization: Not available
Carcinogenicity: Not available
Reproductive toxicity: Not available
Specific target organ toxicity - single exposure: Not available
Specific target organ toxicity - repeated exposure: Not available
Aspiration hazard: Not available

SECTION 12: ECOLOGICAL INFORMATION

Toxicity: Not available
Persistence and degradability: Not available
Bioaccumulative potential: Not available
Mobility in soil: Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal:
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION 14: TRANSPORT INFORMATION

UN number:		
ADR/RID: 3077	IMDG: 3077	IATA: 3077
UN proper shipping name		
ADR/RID: Not dangerous goods		
IMDG: Not dangerous goods		
IATA: Not dangerous goods		
Transport hazard class(es):		
ADR/RID: 9	IMDG: 9	IATA: 9
Packaging group:		
ADR/RID: III	IMDG: III	IATA: III

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture: Not available
Chemical Safety Assessment: Not available

SECTION 16: OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects
References: Not available
Other Special Considerations: Not available

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