

MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product (material) Name: Alizarine Red S. Catalogue # C065, C0651, C0655.
Other Names: Alizarin Red, Mordant Red 3.
Recommended Use: Biological Stain.

Supplier Name: ProSciTech
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SECTION 2 - HAZARDS IDENTIFICATION

Hazard Classification: Hazardous according to criteria of NOHSC.
Risk Phrases:
Safety Phrases:

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE:
Chemical Identity: Alizarine Red S
Common Name(s):
CAS Number(s): 130-22-3

MIXTURE:

Ingredients	Cas Number(s)	Proportion (%)
Alizarine Red S	130-22-3	100

SECTION 4 - FIRST AID MEASURES

Swallowed: DO NOT induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If victim is not breathing perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Eye: Check for and remove contact lenses. Do not use eye ointment. Seek medical attention.

Skin: Wash with plenty of soap and water. Cover the irritated skin with an emollient. If irritation persists seek medical attention. Wash contaminated clothing before re-use.

Inhaled: Allow person to rest in a well ventilated area. Seek immediate medical attention.

First Aid Facilities: Safety shower, eyebath.

Medical Attention & Special Treatment:

ADDITIONAL INFORMATION:

SECTION 5 - FIRE FIGHTING MEASURES

Suitable Extinguishing Media: For a small fire use dry chemical powder. For a large fire use water spray, fog or foam. Do not use water jet.

Hazards from Combustion Products: Carbon monoxide, carbon dioxide and some metallic oxides.

Precautions for Fire Fighters: Wear self-contained breathing apparatus and full protective gear.

Hazchem Code:

SECTION 6 - ACCIDENTAL RELEASE MEASURES**Emergency Procedures:**

Containment and clean up: Wear appropriate protective equipment, refer to Section 8. Place the spilled solid into a waste disposal container and flush area with water, allow the water to evacuate through the sanitary system.

SECTION 7 - HANDLING & STORAGE

Precautions for Safe Handling: Keep away from heat and sources of ignition. Do not breathe dust, avoid contact with eyes. Wear suitable protective clothing. Wash thoroughly after handling. If you feel unwell, seek medical attention and show label when possible.

Conditions for Safe Storage: Keep container in a cool, dry, well-ventilated place away from sources of heat and ignition. Keep container tightly closed. Combustible materials should be stored away from extreme heat.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards: No exposure standard allocated.

Biological Limit Values: No biological limit allocated.

Engineering Controls: Use only in a well-ventilated area.

Personal Protective Equipment: Wear splash goggles, lab coat, dust respirator and gloves. If necessary use a MSHA/NIOSH approved respirator.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance: Red Powder.

Odour: Not available.

pH: Not available.

Vapour pressure: Not available.

Vapour density: Not available.

Boiling point/range: Not available.

Freezing/melting point: Not available.

Solubility: Not available.

Specific gravity or density: Not available.

Flash Point: Not available.

Flammable (explosive) limits: Not available.

Ignition temperature: Not available.

Additional Information: Molecular weight: 360.28 g/mole.

SECTION 10 - STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions of use.

Conditions to avoid: Excess heat, sources of ignition.

Incompatible Materials:

Hazardous Decomposition

Products:

Hazardous Reactions:

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute and chronic health effects:

Possible routes of exposure: Eye contact, ingestion.

Range of effects following exposure: Hazardous in case of ingestion. Slightly irritating in case of skin contact.

Dose likely to cause injury:

Delayed effects:

Relevant negative data:

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity:

Persistence and degradability: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Mobility:

Additional Information:

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Methods: Dispose of or recycle according to Federal, State and Local regulations.
Special Precautions:

SECTION 14 - TRANSPORT INFORMATION

UN Number:
UN Proper Shipping Name:
Class and Subsidiary risk:
Packing Group:
Special Precautions for User:
Hazchem Code:

SECTION 15 - REGULATORY INFORMATION

Poison Schedule Number: None allocated

SECTION 16 - OTHER INFORMATION

Date of preparation of MSDS: 14 April 2008
