

MATERIAL SAFETY DATA SHEET

Neutral Red, certified

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STATEMENT OF HAZARDOUS NATURE

Hazardous according to criteria of Worksafe Australia

COMPANY DETAILS

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IDENTIFICATION SECTION

Product Name	Neutral Red
Other Names	Basic Red 5, Toluylene Red.
Product Code	C127, C1271, C1275
U.N. Number	None allocated
Dangerous Goods Class and Subsidiary Risk	None allocated
Hazchem Code	None allocated
Poison Schedule	None allocated
Use	Biological stain.

Physical Description and Properties

Appearance	Dark green-black powder.
Boiling Point/Melting Point	MP 290°C
Vapour Pressure	No data
Specific Gravity	No data
Flash Point	No data
Flammability Limits	No data
Solubility in water	Slightly soluble

Other Properties

Ingredients

Chemical Name	CAS Number	Proportion
Neutral Red	553-24-2	100%

HEALTH HAZARD INFORMATION

Health Effects:

Acute

Swallowed:	May cause digestive tract disturbances. The toxicological properties of this substance have not been fully investigated.
Eye:	Dust may cause mechanical irritation.
Skin:	May cause skin irritation.
Inhaled:	May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.

First Aid:

Swallowed:	If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.
Eye:	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
Skin:	Get medical aid. Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes.
Inhaled:	Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
First Aid Facilities:	Eye bath, safety shower

PRECAUTIONS FOR USE

Exposure Standards:	None established.
Engineering Controls:	Use adequate ventilation to keep airborne concentrations low.
Personal Protection:	Wear appropriate protective eyeglasses or chemical safety goggles. Wear appropriate protective gloves and clothing to prevent skin exposure.
Flammability:	Not flammable under conditions of use

SAFE HANDLING INFORMATION

Storage and Transport:	Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin and clothing. Avoid ingestion and inhalation. Store in a cool, dry, well-ventilated area away from incompatible substances. Keep containers tightly closed.
Spills and Disposal:	Clean up spills immediately, observing precautions. Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal. Avoid generating dusty conditions. Provide ventilation.
Fire/Explosion Hazard:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. To extinguish, use water spray, dry chemical, carbon dioxide, or appropriate foam.

OTHER INFORMATION

Incompatibilities (Materials to avoid)	Strong oxidising agents
Animal Toxicity Data:	No information available.

The information published in this Material Safety Data Sheet has been compiled from data in various technical publications. It is the user's responsibility to determine the suitability of this information for adoption of necessary safety precautions. We reserve the right to revise material Safety Data Sheets as new information becomes available. Copies may be made for non-profit use.