

SAFETY DATA SHEET

Revision Date 17.05.2023
Version 5.2

according to Regulation (EC) No. 1907/2006

GENERIC EU MSDS - NO COUNTRY SPECIFIC DATA - NO OEL DATA

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Trade name : ShieldBiso™ DPDT
INCI name : Disodium Phenyl Dibenzimidazole Tetrasulfonate
REACH No. : A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.
CAS-No. : 180898-37-7

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Manufacture of substances

1.3 Details of the supplier of the safety data sheet

Company : Bisor Corporation
5358, Huyi Road,
Shanghai, 201806, P.R.
CHINA

Telephone : +86 21 6183 4121
Fax : +86 21 5186 1853

1.4 Email info@bisorcare.com

1.5 Web www.bisorcare.com

SECTION 2: Hazards identification

Classification of the substance or mixture

Not a dangerous substance or mixture according to the Globally Harmonized System

(GHS) Label elements

Pictograms or hazard symbols:

None Signal word: No signal word

Hazard Statements:

None Precautionary

statement(s)

Prevention: Avoid release to the environment.

Disposal: Dispose of contents and container in accordance with local, regional, national regulations.

SECTION 3: Composition/information on ingredients

Component	Disodium Phenyl Dibenzenimidazole Tetrasulfonate
Formula	C ₂₀ H ₁₄ N ₄ Na ₂ O ₁₂ S ₄
CAS No.	180898-37-7
EC-No.	605-910-7
Concentration	≤100%

SECTION 4: FIRST AID MEASURES

General advice: Consult a physician.

If inhaled: Move the victim into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and consult a doctor immediately. Do not use mouth to mouth resuscitation if the victim ingested or inhaled the chemical.

On skin contact: Take off contaminated clothing immediately. Wash off with soap and plenty of water. Consult a doctor.

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

On ingestion: Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person.

SECTION 5: FIRE FIGHTING MEASURES

Suitable extinguishing media: Dry chemical, foam, carbon dioxide.

Specific hazards arising from the chemical: Hydrogen sulfide, Carbon oxides, Nitrogen oxides (NO_x)

Special protective equipment: Wear self-contained breathing apparatus and protective suit.

Further information: Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Remove movable containers if safe to do so.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid dust formation. Avoid breathing mist, gas or vapours. Avoid contacting with skin and eye. Use personal protective equipment. Wear chemical impermeable gloves. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

Environmental precautions: Be careful not to let it flow into rivers, etc., since adverse effects on the environment are concerned.

Methods for cleaning up: Collect and arrange disposal. Keep the chemical in suitable and closed containers for disposal. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

SECTION 7: HANDLING AND STORAGE

Handling:

Handling is performed in a well ventilated place. Wear suitable protective equipment. Prevent dispersion of dust. Wash hands and face thoroughly after handling. Use a local exhaust if dust or aerosol will be generated. Use non-sparking tools. Prevent fire caused by electrostatic discharge steam.

Advice on safe handling: Avoid contact with skin, eyes and clothing.

Storage: Keep tightly closed in a dry and cool place. Store away from foodstuff containers or incompatible materials.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control parameters

Exposure Guidelines: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering Controls: Showers

Eyewash stations Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/face protection: Wear safety glasses with side shields (or goggles). Skin and Body Protection:

Wear protective gloves and protective clothing.

Respiratory protection: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellow to dark yellow Powder

Smell: light

Purity: 96% min

Melting point/melting range: No data

availableFlammability or explosive limits:

Lower: No data available

Upper: No data available

Relative density: No data

availableSolubility(ies):

[Water] No data available

[Other solvents] No data available

SECTION 10: STABILITY AND REACTIVITY

Chemical stability: Stable under recommended storage conditions. Possibility of Hazardous Reactions: None under normal processing. Hazardous polymerization: No information available.

Conditions to avoid: Extremes of temperature and direct sunlight. Incompatible materials: Strong oxidizing agents.

Hazardous Decomposition Products: Hydrogen sulfide. Carbon oxides. Nitrogen oxides (NO_x).

SECTION 11: TOXICOLOGICAL INFORMATION

Information on likely routes of

exposure Inhalation: No data
available.

Eye contact: No data available.

Skin Contact: No data

available. Ingestion: No data
available.

Information on toxicological effects

Symptoms: No information available.

Delayed and immediate effects as well as chronic effects from short and long-term

exposure Chronic Toxicity: No information available.

Numerical measures of toxicity - Product Information

Unknown acute toxicity: 100% of the mixture consists of ingredient(s) of unknown toxicity

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: May cause long lasting harmful effects to aquatic life

100% of the mixture consists of components(s) of unknown hazards to the aquatic
environment. Persistence and degradability: No information available.

Bioaccumulation: No information

available. Mobility: No information

available.

SECTION 13: DISPOSAL CONSIDERATIONS

Recycle to process, if possible. Consult your local regional authorities. You may be able to dissolve or mix material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber system. Observe all federal, state and local regulations when disposing of the substance.

SECTION 14: TRANSPORT INFORMATION

Hazards Class: Does not correspond to the classification standard of the United

NationsUN-No: Not listed

SECTION 15: REGULATORY INFORMATION

Regulations on the Control over Safety of Dangerous Chemicals (State Council announces on January 26,2002 and revised on February 16,2011): Safe use and production, the storage of a dangerous chemical, transport, loading and unloading were prescribed.

SECTION 16: OTHER INFORMATION

Further information

Copyright 2023 Bisor Corporation. License granted to make unlimited paper copies for internal use only.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Bisor Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.bisorcare.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.