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Material Safety Data Sheet

Bromo Indigo MSDS

Section 1: Chemical Product and Company Identification

Product Name: Vat Bromo Indigo

CAS#: 2475-31-2

C.I No.: Vat Blue 5

Synonym: Bromindigo 2BD

Chemical Formula: C₁₆H₆Br₄N₂O₂

Contact Information: CHONGQING CHANGFENG CHEMICAL CO., LTD

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SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

CAS#	Chemical Name	%	EINECS#
2475-31-2	Vat Bromo Indigo	100%	--

Hazard Symbols: Unavailable

Risk Phrases: Unavailable

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Risk Phrases: Unavailable

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Eye: Slightly hazardous. May cause redness, pain

Skin: Slightly hazardous. May cause skin irritation. Constand exposure to excessive amounts may cause aczema.

Ingestion: Hazardous in case of ingestion. Large dose may cause abdominal spasms and diarrhea

Inhalation: Symptoms from excessive inhalation of dust may include coughing and difficut breathing.

Chronic: Grossly excessive and chronic inhalation of the dust may cause a progressive chemical pneumonins, cyanosis, and pulmonary edema.

SECTION 4 - FIRST AID MEASURES

Eyes: No known effect on eye contact, rinse with water for a few minutes.

Skin: After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin.Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.Ingestion

Swallowe. Give several glasses of water to drink to dilute. If large amounts were swallowed, get medical advice.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Notes to Physician: Unavailable

SECTION 5 - FIRE FIGHTING MEASURES

Suitable extinguishing media:

SMALL FIRE: Use DRY chemical powder.

LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

General Information: : Remove all source of ignition. Ventilate area of leak or spill. Wear appropriate personal protective equipment.

Spills/Leaks: Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

SECTION 7 - HANDLING and STORAGE

Precautions Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust.

Storage: Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent, gloves.

Personal Protection in Case of a Large Spill: Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used

to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Fine, soft granule

Color: Dark Blue

Odor: No order or taste

PH: Not applicable.

Vapor Pressure: Unavailable

Viscosity: Unavailable

Boiling Point: Not available.

Freezing/Melting Point: Not available.

Autoignition Temperature: Unavailable

Flash Point: Not available.

Explosion Limits, lower: Unavailable

Explosion Limits, upper: Unavailable

Decomposition Temperature: Unavailable

Solubility in water: Insoluble in water, ethanol. Soluble in xylene, nitrobenzene, tetraline

Specific Gravity/Density: 1.35 (Water = 1) Molecular Formula (分子式) : C₁₆H₆Br₄N₂O₂

Molecular Weight: 577.85

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability: Stable under ordinary conditions of use and storage

Corrosivity: Non-corrosive in presence of glass.

Conditions to Avoid: Heat, flames, ignition sources and incompatibles

SECTION 11 - TOXICOLOGICAL INFORMATION

RTECS#: No

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

SECTION 13 - DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirement.

SECTION 14 - TRANSPORT INFORMATION

Unavailable

ADDITIONAL INFORMATION

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.