

Yangzhou Sunchem Co.,Ltd.

Material Safety Data Sheet

HC BLUE 2

1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER

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2. COMPOSITION AND INFORMATION ON COMPONENTS

Product Name:2,2'-[4-(2-Hydroxyethylamino)-3-Nitrophenylimino]Diethanol

CAS No:33229-34-4

Synonyms:No data available

3. HAZARDS IDENTIFICATION

Designation:Flammable - By 49CFR Flash Point Below 0F to 100F (<0C to 38C) USA

Standards

General Risk:Avoid inhalation, contact with skin or eyes, and ingestion. Follow safe industrial hygiene practices and always wear personal protective equipment when handling this compound.

4. FIRST AID MEASURES

Inhalation:Remove to fresh air. In cases of serious discomfort seek medical attention. If not breathing, trained personnel should administer oxygen or artificial respiration.

Eye Contact:Flush with copious amounts of water for at least 20 minutes. Seek immediate medical attention.

Skin Contact:Remove contaminated clothing. Rinse affected area with copious amounts of water. Rinse thoroughly. In case of skin damage or persistent irritation seek immediate medical attention. Show the physician the container details.

Ingestion:Call a physician or poison control center immediately. Induce vomiting only if instructed to do so by medical personnel. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing Medium:Use fire fighting measures which suit the environment and take into account other materials which may be involved. Use carbon dioxide or dry powder for fires involving this material. In general, water-based extinguishers are not recommended for fires involving organic materials.

Protective Equipment:Wear self-contained breathing apparatus and protective clothing. Most compounds emit toxic gases when burning.

6. ACCIDENTAL RELEASE MEASURES

Personal Protection: Avoid inhalation or contact of spilled material with skin or clothing. Wear protective clothing. Keep unprotected persons away.

Environmental Protection: Take precautions to ensure product does not contaminate the ground or enter the drainage system.

Collection: Contain or absorb, as appropriate. Minimize dust generation, where applicable. Dispose according to Section 13.

7. HANDLING AND STORAGE

Handling: Chemicals should be used only by those trained in handling potentially hazardous materials. Chemical resistant gloves, eye protection and protective clothing should be worn. Operations should be carried out in efficient fume hood or equivalent system. Avoid breathing of dust, vapor, mist, or gas.

Storage: Store in a cool, dry, well ventilated area. Store in a tightly sealed container. Protect from moisture, heat, ignition sources, and incompatible substances. Protect from direct light. See stability and reactivity for more details on incompatible substances.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory: Avoid inhalation of product. Handle in an efficient fume hood or equivalent system.

Eye: Avoid eye contact. Wear safety glasses, goggles or, for larger quantities, a full-face shield.

Hands and Body: Avoid skin contact. Wear chemical-resistant gloves and, for larger quantities, a full arm and body protection. Wash hands thoroughly after handling.

9. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Appearance: No data available

Boiling Point: No data available

Melting Point: No data available

Molecular Formula: $C_{12}H_{19}N_3O_5$

Water Solubility: No data available

Flash Point: No data available

Formula Weight: 285.3023

Density: No data available

Lower Explosive Limit: No data available

Upper Explosive Limit: No data available

PEL: No data available

Auto Ignition Point: No data available

10. STABILITY AND REACTIVITY

No specific data on stability, incompatibility, or reactivity is currently available. Keep away from high temperature, flames, sparks and oxidizing agents.

11. TOXICOLOGICAL INFORMATION

The toxicological properties of this compound have not been fully investigated. However, as a minimum precaution, it should be considered to be harmful. Precautions should be taken and procedures adopted to prevent exposure. Hazardous decomposition products may occur when this compound comes in contact with other chemicals, fire, or water.

12. ECOLOGICAL EFFECTS

Take care to prevent chemicals from entering the ground, water bodies, or drainage systems.

13. DISPOSAL CONSIDERATIONS

Disposal should be carried out via an approved contractor according to all federal, state, and local Regulations.

14. TRANSPORT INFORMATION

UN Number:2926

Packing Group:II

Hazard Class:No data available

DOT ShipName:No data available

Other Information:No data

15. REGULATORY INFORMATION

None available

16. OTHER INFORMATION

The information on this Material Safety Data Sheet is correct to the best of our knowledge as of the date of publication. This information should be used only as a guide and is not a guarantee of any specific properties. All chemicals should be handled by qualified personnel using proper handling precautions. Sunchem cannot accept liability for any loss, damage, or injury that results from the use of this chemical.