



Specialized in chemicals

Hefei TNJ Chemical Industry Co.,Ltd.

B911 Xincheng Business Center,
Qianshan Rd. Hefei 230022 China

Tel : (0086) 551 65418682

Fax: (0086) 551 65418697

Email: info@tnjchem.com

Site: www.tnjchem.com

Material Safety Data Sheet

CYD-128

Section 1: Chemical Product and Company Identification

MSDS Name: CYD128

Synonyms: Epoxy Resin

Contact Information for Emergency: (0086) 551 65418682

Hefei TNJ Chemical Industry Co.,Ltd.

B911 Xincheng Business Center

Tel : (0086) 551 65418682

Qianshan Road, Hefei

Fax: (0086) 551 65418697

230004Anhui

Email: info@tnjchem.com

China

Site: www.tnjchem.com

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS # %	By Weight
YN1828	25068-38-6	99%

Section 3: Hazards Identification

Main Symptoms : Colorless or Light yellow liquid

Odorless

Repeated or prolonged contact may cause skin sensitization.

Reacts violently with acid anhydride, strong mineral acids, strong bases and oxidizing agents.

The substance irritates the eyes, the skin and is to be mutagenic.

Section 4: First Aid Measures

Inhalation : Move to fresh air. Get medical attention.

Skin contact : Remove contaminated clothing and wipe excess from skin. Wash with soap and water. Get medical attention.

Eye contact : First rinse with plenty of water for several minutes (remove contact lenses if easily possible).Get medical attention immediately.

Ingestion : Wash mouth with plenty of water and give water to drink , Get medical attention immediately.

Section 5: Fire Fighting Measures

Fire-fighting Media : Dry chemical, water spray, foam, carbon dioxide.

Fire-fighting instruction: Fire-fighter should wear self contained breathing apparatus and full protective clothing.

Special hazard : Any special hazard.

Section 6: Accidental Release Measures

Leak/Spill : Take up with an absorbent substance such as sand, clay, then place in a container for chemical waste. Material is flammable eliminate all ignition sources. Flush trace residues with water. Do not allow residues to enter waterways.

Section7: Handling and storage

Handling : Strict Hygiene. Do not eat, drink, or smoke during work. Wash hands whenever leaving the work place.

Storage : Store in tightly closed original container in a cool ventilated warehouse.

Incompatible products : Acid anhydride, amine, strong bases and oxidizing agents.

Section 8: Exposure controls/personal protection

Exposure Limit : N/A

Engineering measure : Local exhaust

Personal protection : Wear protective cloths, impervious gloves. Splash-proof goggles and respirator and set eye washing facilities near to the working place.

Section 9: Physical and chemical properties

Appearance : Colorless or Light yellow liquid

Odor : Odorless.

Flash point°C : >150°C

Specific Gravity :

Section 10: Stability and reactivity

Condition to avoid : Avoid heat, sparks and flame.

Incompatibles : Acid anhydride, amines, strong bases and oxidants.

Hazardous polymerization : Will not occur.

Section 11: Toxicological information

Toxicity Data : LD50 10,000mg/kg~11,4000mg/kg(oral rat)

Effects of overexposure : Repeated or prolonged contact may cause skin sensitization. The substance irritates the eyes, the skin and the respiratory tract. The substance may be irritating to the skin and is to be mutagenic. The substance may cause sensitization by skin contact.

Section 12: Ecological information

Bioaccumulation : N/A

Biodegradability : N/A

Aquatic toxicity : Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Section 13: Disposal considerations

Dispose in accordance with the Government and local environmental regulations.

Section 14: Transport information

DOT Classification: CLASS 9

Identification: : Epoxy resin : UN3082 PG: 3

Provisions for Transport: Not applicable

UN NO.3082 refers to the goods with the United Nations dangerous goods number 3082. The goods UN No. 3082 are epoxy resin YD, 2,4D-dimethylamine salt salt, malathion technical material, 20% diuron/9% Carbendazim/2.8% octylisothiazolinone, bisphenol A epoxy resin, etc. The main hazard category is Category 9 miscellaneous dangerous goods.

Section 15: Regulatory information

Proposed classification : X i Irritant

N Dangerous for the environment.

Risk phrase R36/38 : Irritating to eyes and skin.

R43 : May cause sensitization by skin contact

R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrase S28 : After contact with skin, wash immediately with plenty of water.

S37/39 : Wear suitable gloves and eyes/face protection.

S61 : Avoid release to the environment.

Refer to special instructions/Safety data sheets.

Section 16: Other Information

NFPA Ratings:Health:1 Flammability: 1 Reactivity: 0

Label Hazard Warning:

CAUTION! MAY BE HARMFUL IF SWALLOWED. MAY CAUSE IRRITATION TO SKIN, EYES, AND RESPIRATORY TRACT.

Label Precautions:

Do not breathe dust. Avoid contact with eyes, skin and clothing. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling.

Label First Aid:

If swallowed, call a physician immediately. In case of contact, immediately flush skin or eyes with plenty of water for at least 15 minutes. Call a physician if irritation develops or persists. If inhaled, remove to fresh air. Get medical attention for any breathing difficulty.

Product Use:

Laboratory Reagent.

Revision Information:

Pure. New 16 section MSDS format, all sections have been revised.