

SAFETY DATA SHEET

Dissolvine Z

MDSZ200

1. Identification of the substance/preparation and of the company/undertaking

Product name : Dissolvine Z **Supplier** : Brenntag UK and Ireland
 Albion House
 Rawdon Park
 Green Lane
 Yeadon
 Leeds
 LS19 7XX

Chemical product name : Ethylenediaminetetraacetic Acid

EMERGENCY ONLY TELEPHONE NUMBER : (N.C.E.C. CULHAM) 01865 407333 **Telephone No.** : (0113) 3879200

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2. Composition/information on ingredients

Substance/Preparation : Substance

Chemical name*	CAS No.	%	EC Number	Symbol	R-Phrases
1) Ethylenediaminetetraacetic Acid	60-00-4	100	200-449-4	Xi	R36

* Occupational Exposure Limit(s), if available, are listed in Section 8

CAS No. 60-00-4
EINECS Number 200-449-4

3. Hazards identification

Human health hazards : Irritating to eyes.

4. First-aid measures

First-Aid measures

Inhalation : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Obtain medical attention.

Ingestion : Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Skin contact : In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Obtain medical attention.

Eye Contact : In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Obtain medical attention.

Effects and symptoms

Eye Contact : Hazardous in case of eye contact (irritant).

5. Fire-fighting measures

Extinguishing Media

Suitable : SMALL FIRE: Use DRY chemical powder.
 LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Hazardous thermal (de)composition products : nitrogen oxides (NO, NO2...)

Special fire-fighting procedures : Fire fighters should wear self-contained positive pressure breathing apparatus (SCBA) and full turnout gear.

Protection of fire-fighters : Be sure to use an approved/certified respirator or equivalent.

6. Accidental release measures

Personal Precautions : Splash goggles. Protective overalls/suit. Boots. Gloves. Select appropriate protective clothing for the size of the spillage.

Environmental precautions and cleanup methods : Use a non-sparking shovel to put the material into a suitable waste disposal container. **Neutralize the residue with soda ash.**

7. Handling and storage

- Handling** : Keep away from heat. Keep away from sources of ignition. Empty containers may still contain significant residual amounts of the product. Ground all equipment containing material. Do not ingest. Do not breathe dust. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.
- Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area.
- Packaging materials**
- Recommended use** : Use original container.

8. Exposure controls/personal protection

- Engineering measures** : 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.
- Hygiene measures** : Wash hands after handling compounds and before eating, smoking, using lavatory, and at the end of day.
- Workplace Exposure Limits** : Not available.
- Personal protective equipment**
- Skin and body** : Overalls or Lab coat.
- Eyes** : Splash goggles.

9. Physical and chemical properties

- Physical state** : Solid. (Powdered solid.)
- Colour** : White.
- Odour** : Odourless.
- Melting point** : Decomposition Temperature: 220°C (428°F)
- Density** : Not available.
- Solubility** : Very slightly soluble in cold water.
- pH** : 2.5 [Acidic.]
- Flash point** : Not available.
- Autoignition temperature** : >220°C (428°F)

10. Stability and reactivity

- Stability** : The product is stable.
- Materials to avoid** : Reactive with oxidizing agents. Avoid Aluminium, Nickel, Zinc Copper & its alloys
- Hazardous decomposition products** : nitrogen oxides (NO, NO2...)

11. Toxicological information

- Local effects**
- Eye irritation** : Hazardous in case of eye contact (irritant).
- Acute toxicity** : Acute oral toxicity (LD50): >2000 mg/kg [Rat].

12. Ecological information

- Ecotoxicity** : Ecotoxicity in water:
(LC50): >100 mg/l, 96 hours [Fish].

13. Disposal considerations

- Methods of disposal ; Waste of residues ; Contaminated packaging** : Waste must be disposed of in accordance with federal, state and local environmental control regulations.
- Waste Classification** : Not applicable.

14. Transport information

International transport regulations

IATA : Additional Information -

15. Regulatory information

EU Regulations

Hazard symbol(s)

:



Classification

: Irritant

Risk Phrases

: R36- Irritating to eyes.

Safety Phrases

: S22- Do not breathe dust.
S24- Avoid contact with skin.
S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Product Use

: Classification and labelling have been performed according to EU directives 67/548/EEC, 88/379/EEC, including amendments and the intended use.
- Consumer applications.

16. Other information

HISTORY

Date of printing

: 09/03/2009.

Date of issue

: 14/11/2002.

Date of previous issue

: No Previous Validation.

Version

: 1

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Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Version 1

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