

Date of issue: 27/04/2017

Safety Data Sheet

扫码联系

产品经理:



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

Product identifier:

Product name: DWB-Z 500A BROWN

Product code(SDS NO): G201700095100_E1-1

Details of the supplier of the safety data sheet

Manufacturer/Supplier: NIKKO BICS.CO.,LTD

Address: 1-3-5 UCHI-KANDA CHIYODA-KU,TOKYO 101-0047 JAPAN

Division: SDS support

Telephone number: 81-3-3294-8311

FAX: 81-3-3233-4436

Emergency telephone number: 81-47-497-1371

2. Hazards identification

GHS classification and label elements of the product

Classification of the substance or mixture

HEALTH HAZARDS

Specific target organ toxicity – repeated exposure: Category 1

(Note) GHS classification without description: Not applicable/Out of classification/Not classifiable

Label elements



Signal word: Danger

HAZARD STATEMENT

Causes damage to organs through prolonged or repeated exposure

3. Composition/information on ingredients

Substance/Mixture:

Mixture

Ingredient name:Ferric oxide

Content(%):12.5 – 17.5

Chemicals No, Japan:1-357

CAS No.:1309-37-1

Ingredient name:Glycerin

Content(%):1 – 5

Chemicals No, Japan:2-242

CAS No.:56-81-5

Ingredient name:Additive

Content(%):5 – 10

Chemicals No, Japan:Trade secret

CAS No.:Trade secret

Ingredient name:Water

Content(%):70 – 75

CAS No.:7732-18-5

Note : The figures shown above are not the specifications of the product.

Components contributing to the hazard

Component(s) come under Labeling, etc. article of Industrial Safety and Health Act, Japan

Ferric oxide

Component(s) come under Deliver of Documents, etc. article of Industrial Safety and Health Act, Japan

Ferric oxide

Not contain Component come under Harmful Substances article of PRTR Law, Japan

4. First-aid measures

Descriptions of first-aid measures

General measures

Get medical attention/advice if you feel unwell.

IF INHALED

Remove person to fresh air and keep comfortable for breathing.

IF ON SKIN (or hair)

Wash with soap and water.

IF IN EYES

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

IF SWALLOWED

Seek medical advice immediately and show this container or label.

Rinse mouth with water.

Protective measures for first aid

Protect yourself by wearing rubber gloves and air-tight safety goggles.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media

In case of fire, use water mist, foam, dry powder, CO₂.

Use appropriate extinguishing media suitable for surrounding facilities.

Advice for firefighters

Specific fire-fighting measures

Evacuate non-essential personnel to safe area.

Shut off fuel to fire if possible to do so without hazard.

Keep personnel removed from and upwind of fire.

Be careful not to spill the material into the environment during firefighting measures.

Special protective equipment and precautions for fire-fighters

Firefighters should wear proper protective equipment.

6. Accidental release measures

Personnel precautions, protective equipment and emergency procedures

Keep unauthorized personnel away.

Wear proper protective equipment.

Be careful not to slip on spilled area.

Environmental precautions

Prevent spills from entering sewers, watercourses or low areas.

Methods and materials for containment and cleaning up

Absorb spill with inert material (dry sand, earth, et al), then place in a chemical waste container.

For large spill, dike for later disposal.

Preventive measures for secondary accident

- Prepare extinguishers before catching fire.
- Stop leak if you can do it without risk.
- Prevent entry into waterways, sewers, basements or confined areas.

7. Handling and storage

Precautions for safe handling

Preventive measures

(Exposure Control for handling personnel)

- Do not breathe dust/fume/gas/mist/vapors/spray.
- Wear proper protective equipment.

Safety treatments

- Avoid contact with skin.
- Avoid contact with eyes.

Safety Measures/Incompatibility

- Wear face protection.
- Do not empty into drains.
- Avoid rough handling or dropping.

Conditions for safe storage, including any incompatibilities

Recommendation for storage

- Store in a dry place. Store in a closed container.

Incompatible storage condition

- Keep away from heat.
- Do not expose to direct sunlight.

8. Exposure controls/personal protection

Control parameters

No control value data available

Adopted value

(Ferric oxide)

ACGIH(2005) TWA: 5mg/m³(R) (Pneumoconiosis)

Exposure controls

Appropriate engineering controls

- Do not use in areas without adequate ventilation.

Individual protection measures

Respiratory protection

- In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection

- Wear suitable gloves.

Eye protection

- Wear eye/face protection.

Skin and body protection

- Wear suitable protective clothing.

Safety and Health measures

- Wash ... thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Wash hands before breaks and at the end of work.
- Gargle before breaks and at the end of work.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Physical properties

Appearance: Liquid

Color: brown

Odor: Characteristic odor

pH data N.A.

Phase change temperature

Initial Boiling Point/Boiling point data N.A.

Melting point/Freezing point data N.A.

Decomposition temperature data N.A.

Flash point data N.A.

Auto-ignition temperature data N.A.

Specific gravity/Density: 1.2

10. Stability and Reactivity

Chemical stability

This product is considered a stable material under normal and anticipated storage and handling conditions.

11. Toxicological Information

Information on toxicological effects

No Acute toxicity data available

Irritant properties

Skin corrosion/irritation

[GHS Cat. Japan, base data]

(Ferric oxide)

human moderate (ICSC(J), 2004et al)

Serious eye damage /irritation

[GHS Cat. Japan, base data]

(Ferric oxide)

human corrosive (IUCLID, 2000)

No Allergenic and sensitizing effects data available

No Mutagenic effects data available

Carcinogenicity

(Ferric oxide)

IARC-Gr.3 : Not Classifiable as a Human Carcinogen

(Ferric oxide)

ACGIH-A4(2005) : Not Classifiable as a Human Carcinogen

No Teratogenic effects data available

No reproductive toxicity data available

Delayed and immediate effects and also chronic effects from short- and long-term exposure

STOT

STOT-single exposure

[cat.3(resp. irrit.)]

[Japan published data]

(Ferric oxide) Respiratory tract irritation (ICSC(J), 2004; IUCLID, 2000)

STOT-repeated exposure

[cat.1]

[Japan published data]

(Ferric oxide) respiratory apparatus/system (ACGIH, 2001)

No Aspiration hazard data available

12. Ecological Information

Toxicity

No Aquatic toxicity data available

Water solubility

(Ferric oxide)

none (ICSC, 2004)

(Glycerin)

miscible (ICSC, 2006)

No Persistence and degradability data available

Bioaccumulative potential

(Glycerin)

log Pow=-1.76 (ICSC, 2006)

13. Disposal considerations

Waste treatment methods

Dispose of contents/container in accordance with local/national regulation.

Do not dump into sewers, on the ground or into any body of water.

Use appropriate containment to avoid environmental contamination.

14. Transport Information

UN No, UN CLASS

Not applicable to UN NO.

Special precautions for user

Protect against direct sunlight or rain.

15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

Industrial Safety and Health Act, Japan

Chemical Substances requiring Labeling and Deliver of Documents, etc.

Labeling, etc.

Ferric oxide

Report required substances

Ferric oxide

The product is not applicable to Pollution Release and Transfer Register (PRTR) law, Japan

The product is not applicable to Fire Service Act, Japan

16. Other information

Reference Book

Globally Harmonized System of classification and labelling of chemicals, (5th ed., 2013), UN

Recommendations on the TRANSPORT OF DANGEROUS GOODS 19th edit., 2015 UN

2012 EMERGENCY RESPONSE GUIDEBOOK(US DOT)

2016 TLVs and BEIs. (ACGIH)

<http://monographs.iarc.fr/ENG/Classification/index.php>

Supplier's data/information

General Disclaimer

This document describes hazardous and harmful character at the shipping form.

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products' properties.