

Material Safety Data Sheet

BIO-SHIELD DRAIN TREATMENT



1. Product and company identification

Trade name of product : BIO-SHIELD DRAIN TREATMENT
Product use : Cleaning product

Product dilution information : Not applicable

Supplier's information : Kay Chemical Company
8300 Capital Drive
Greensboro NC 27409
1-800-529-5458 (Customer Service)

Code : 924750

Date of issue : 01-March-2011

EMERGENCY HEALTH INFORMATION: 1-800-328-0026
Outside United States and Canada CALL 1-651-222-5352 (in USA)

2. Hazards identification

Product AS SOLD
Physical state : Liquid.
Emergency : CAUTION !
overview

No specific hazard.
No specific hazard.

Potential acute health effects

Product AS SOLD
Eyes : No known significant effects or critical hazards.
Skin : No known significant effects or critical hazards.
Inhalation : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.

See toxicological information (section 11)

Product AT USE DILUTION

Product is sold ready to use.

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Product is sold ready to use.

3. Composition/information on ingredients

Product AT USE DILUTION

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
Product is sold ready to use.		

Within the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities requiring reporting, in accordance with local regulations.

4. First aid measures

Product AS SOLD
Eye contact : No known effect after eye contact. Rinse with water for a few minutes.
Skin contact : No known effect after skin contact. Rinse with water for a few minutes.
Inhalation : No special measures required. Treat symptomatically.
Ingestion : Get medical attention if symptoms occur.

Product AT USE DILUTION

Product is sold ready to use.

5. Fire-fighting measures

Product AS SOLD

Hazardous thermal decomposition products : No specific data.

Fire-fighting media and instructions : Use an extinguishing agent suitable for the surrounding fire.

Dike area of fire to prevent runoff.

In a fire or if heated, a pressure increase will occur and the container may burst.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

Personal precautions : No special measures required.

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Methods for cleaning up : Use a water rinse for final clean-up.

Product AT USE DILUTION
Product is sold ready to use.

7. Handling and storage

Handling : Wash thoroughly after handling.

Storage : Keep out of reach of children.
Store between the following temperatures: 0 and 40°C

Product AT USE DILUTION
Product is sold ready to use.

8. Exposure controls/personal protection

Engineering measures : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protection

Eyes : No protective equipment is needed under normal use conditions.

Hands : No protective equipment is needed under normal use conditions.

Skin : No protective equipment is needed under normal use conditions.

Respiratory : No special protection is required.

Consult local authorities for acceptable exposure limits.

Product AT USE DILUTION
Product is sold ready to use.

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9. Physical and chemical properties

Physical state : Liquid.

Flash point : >93 °C (Closed cup) Tagliabue.
Product does not support combustion.

Color : Green [Dark]

Odor : citrus [Slight]

pH : 6.5 to 7.5 [Conc. (% w/w): 100%]

Solubility : Easily soluble in the following materials: cold water and hot water.

Product AT USE DILUTION
Product is sold ready to use.

10. Stability and reactivity

Product AS SOLD

- Stability** : The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- Hazardous polymerization** : Under normal conditions of storage and use, hazardous polymerization will not occur.

11. Toxicological information

Potential acute health effects

- Product AS SOLD**
- Eyes** : No known significant effects or critical hazards.
- Skin** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

Product AT USE DILUTION

Product is sold ready to use.

12. Ecological information

- Ecotoxicity** : Not reported

13. Disposal considerations

- Product AS SOLD**
- Waste disposal** : Diluted product can be flushed to sanitary sewer.
Discard empty container in trash.

Product AT USE DILUTION

Product is sold ready to use.

14. Transport information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

- Product AS SOLD**
- DOT Classification** : Not regulated.

For transport in bulk or using IMDG regulations, see shipping documents for specific transportation information.

15. Regulatory information

- Product AS SOLD**
- HCS Classification** : Not regulated.

Product AT USE DILUTION

Product is sold ready to use.

Product AS SOLD

U.S. Federal regulations

- TSCA 8(b) inventory** : All components are listed or exempted.
- SARA 302/304/311/312 extremely hazardous substances**: No listed substance
- SARA 302/304 emergency planning and notification**: No listed substance

SARA 313 : Product name CAS number Concentration

- Form R - Reporting requirements** : No listed substance

- California Prop. 65** : No listed substance

16. Other information

Product AS SOLD

Hazardous Material :
Information System (U.S.A.)

Health	0
Flammability	0
Physical hazards	0

National Fire Protection :
Association (U.S.A.)



Date of issue : 01-March-2011
Responsible name : Regulatory Affairs
1-800-352-5326

☑ Indicates information that has changed from previously issued version.

Notice to reader

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, **NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.**