



Zep Commercial Sales & Service
1310 Seaboard Industrial Blvd.
Atlanta, GA 30318
1-888-805-HELP (4357)
www.zepcommercial.com

Safety Data Sheet

Section 1. Chemical Product and Company Identification

Product name Drain Care® Build-Up Remover (liquid)
Product code ZLDC
Date of issue 04/10/13 **Supersedes** 03/10/11

Emergency Telephone Numbers

For MSDS Information:

Compliance Services 404-352-1680

For Medical Emergency

(877) 541-2016 Toll Free - All Calls Recorded

For Transportation Emergency

CHEMTREC: (800) 424-9300 - All Calls Recorded

In the District of Columbia (202) 483-7616

Prepared By

Compliance Services
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

Section 2. Hazards Identification

Emergency overview

*Hazard Determination System (HDS): Health, Flammability, Reactivity

WARNING



CAUSES EYE IRRITATION. Sensitizer. May be harmful if swallowed.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects

Routes of Entry

Dermal contact.

Eyes

Causes eye irritation. Inflammation of the eye is characterized by redness, watering and itching.

Skin

Direct contact may cause irritation and redness. May cause allergic reactions in certain individuals. May cause skin sensitization.

Inhalation

Avoid breathing vapors, spray or mists. Over-exposure by inhalation may cause respiratory irritation.

Ingestion

May be harmful if swallowed. Can cause gastrointestinal disturbances.

Chronic effects

There is no known chronic effect after exposure to this product.

Carcinogenicity No known significant effects or critical hazards.

Product/ingredient name

Not available.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients

CAS number

% by Weight

Propylene Glycol; propane-1,2-diol

57-55-6

5-15

Bacterial/Enzyme Mixture

9014-01-1

<5

C12-C16 ETHOXYLATED ALCOHOLS

68551-12-2

<5

Section 4. First Aid Measures

Eye Contact

Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

Skin Contact

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops.

Inhalation

Move exposed person to fresh air. If irritation persists, get medical attention.

Ingestion

Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention immediately.

Section 5. Fire Fighting Measures

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



Flash Point	Not available.
Flammable Limits	Not available.
Flammability	Non-combustible.
Fire hazard	In a fire or if heated, a pressure increase will occur and the container may burst.
Fire-Fighting Procedures	Use an extinguishing agent suitable for the surrounding fire.

Section 6. Accidental Release Measures

Spill Clean up	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning the spill area with running water.
-----------------------	---

Section 7. Handling and Storage

Handling	Put on appropriate personal protective equipment (see section 8). Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Do not ingest. Use with adequate ventilation. Do not reuse container. Wash thoroughly after handling.
Storage	Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Do not store in unlabeled containers. Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection**Product name** **Exposure limits**

No exposure limit value known.

Personal Protective Equipment (PPE)

Eyes	Safety glasses.
Body	For prolonged or repeated handling, use the following type of gloves: Rubber gloves.
Respiratory	Avoid breathing vapors, spray or mists. A respirator is not needed under normal and intended conditions of product use.

**Section 9. Physical and Chemical Properties**

Physical State	Liquid.	Color	Green.
pH	6.0 - 7.0	Odor	Characteristic. [Slight]
Boiling Point	100°C (212°F)	Vapor Pressure	Not determined.
Specific Gravity	1.01	Vapor Density	Not determined.
Solubility	Soluble in the following materials: cold water and hot water.	Evaporation Rate	Not determined.
		VOC (Consumer)	0 % (w/w) 0.00253 lbs/gal (0.3 g/l)

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	No incompatible product according to our database.
Hazardous Polymerization	Under normal conditions of storage and use, hazardous polymerization will not occur.
Hazardous Decomposition Products	carbon oxides (CO, CO ₂)

Section 11. Toxicological Information**Acute Toxicity**

propane-1,2-diol	LD50 Dermal	Rabbit	20800 mg/kg	-
	LD50 Oral	Rat	20 g/kg	-
subtilisin	LD50 Oral	Rat	3700 mg/kg	-
C12-C16 Ethoxylated alcohols	LD50 Dermal	Rabbit	>2000 mg/kg	-
	LD50 Oral	Rat	1380 mg/kg	-

Section 12. Ecological Information**Environmental Effects** Not available.**Aquatic Ecotoxicity**

propane-1,2-diol	-	Acute EC50 >1000 mg/ L Fresh water	Daphnia - Water flea - 48 hours Daphnia magna - <24 hours
	-	Acute LC50 1020000 ug/L Fresh water	Crustaceans - Water flea 48 hours - Ceriodaphnia dubia - <24 hours
	-	Acute LC50 710000 ug/ L Fresh water	Fish - Fathead minnow - 96 hours Pimephales promelas - <=7 days
subtilisin	-	Acute EC50 23.78 mg/L Fresh water	Crustaceans - Water flea 48 hours - Ceriodaphnia dubia - Neonate - <24 hours

Section 13. Disposal Considerations**Waste Information**

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream Code: Not applicable.
Classification: Non-hazardous waste
Origin: RCRA waste.

Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
DOT Classification	Not regulated.	-	-	-	
TDG Classification	Not regulated.	-	-	-	
IMDG Class	Not available.			-	

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG* : Packing group

Section 15. Regulatory Information**U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:
No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

TSCA 8(a) IUR: Not determined

United States inventory (TSCA 8b): Not determined.

State Regulations**California Prop 65**

No products were found.

Canada**WHMIS (Canada)**

Class D-1B: Material causing immediate and serious toxic effects
(Toxic).

Section 16. Other Information

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.

*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.

mra