

SAFETY DATA SHEET

Enzyme-X Liquid

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Printed: 05/06/2016
Revision: 02/27/2015
Supersedes Revision: 01/14/2014

1. Product and Company Identification

Product Code: 180542
Product Name: Enzyme-X Liquid
Company Name: Abe Janitorial & Equipment
5420 Florin Perkins Road Suite 200
Sacramento, CA 95826

Emergency Contact: Chemtrec (800)424-9300
Information: vail@abejan.com (916)381-2222

Recommended Use: Drain Maintainer
Intended Use: For sale to, use and storage by service persons only.
Additional Information: 180545

2. Hazards Identification

Serious Eye Damage/Eye Irritation, Category 2A



GHS Signal Word: **Warning**
GHS Hazard Phrases: Causes serious eye irritation.
GHS Precaution Phrases: Wash hands thoroughly after handling.
Wear protective gloves, protective clothing, eye protection, face protection.
Keep out of reach of children.
GHS Response Phrases: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists, get medical attention immediately.
GHS Storage and Disposal Phrases: Store in cool dry place at room temperature away from direct sunlight.
Dispose of contents and container according to the local, city, state and federal regulations.
Potential Health Effects (Acute and Chronic):
Inhalation: Not expected to be a problem.
Skin Contact: Not expected to be a problem.
Eye Contact: May cause burning of eyes and flow of tears.
Ingestion: Nausea, diarrhea, vomiting, stomach discomfort.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
9004-82-4	Sodium lauryl ether sulfate	Proprietary
NA		Proprietary

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4. First Aid Measures

Emergency and First Aid

Procedures:

In Case of Inhalation: Not expected to be a problem.
In Case of Skin Contact: Wash off with soap and plenty of water.
In Case of Eye Contact: Flush with water for 15 minutes. If irritation persists, call a physician.
In Case of Ingestion: Drink large amounts of water. Call physician.
Note to Physician: Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt: NE
Explosive Limits: LEL: N/A N.E. UEL: N/A N.E.
Autoignition Pt: NE
Suitable Extinguishing Media: CO2, dry foam, water.
Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
Flammable Properties and Hazards: No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Absorb on sand or vermiculite and place in closed containers for disposal.

7. Handling and Storage

Precautions To Be Taken in Handling: Use with adequate ventilation. Avoid ingestion and inhalation.
Precautions To Be Taken in Storing: Store in a cool, dry place.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
9004-82-4	Sodium lauryl ether sulfate	No data.	No data.	No data.
NA		No data.	No data.	No data.

Respiratory Equipment (Specify Type): None. Not expected to be a problem.
Eye Protection: Safety glasses.
Protective Gloves: Glove protection is not normally required.
Other Protective Clothing: None.
Engineering Controls (Ventilation etc.): No data available.

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9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid
Appearance and Odor: Opaque white color liquid with minty fragrance.
Melting Point: NE
Boiling Point: >= 212.00 F
Decomposition Temperature: NE
Autoignition Pt: NE
Flash Pt: NE
Explosive Limits: LEL: N/A N.E. UEL: N/A N.E.
Specific Gravity (Water = 1): 1.010
Density: 8.42 lbs/gal
Bulk density: NE
Vapor Pressure (vs. Air or mm Hg): NE
Vapor Density (vs. Air = 1): > 1
Evaporation Rate: NE
Solubility in Water: 100%
Saturated Vapor Concentration: NE
Viscosity: NP
pH: 6.5 - 8.0
Percent Volatile: No data.
VOC / Volume: 0.0000 GL
Particle Size: NE
Heat Value: NE
Corrosion Rate: NE

10. Stability and Reactivity

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: None.
Incompatibility - Materials To Avoid: Strong oxidizers, ammonia, bleach, strong acids and strong alkali materials.
Hazardous Decomposition Or Byproducts: CO, CO2.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions: None.

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11. Toxicological Information

Toxicological Information: No data available.
CAS# 9004-82-4:
Acute toxicity, LD50, Oral, Rat, 1600. MG/KG.
Results:
Behavioral: Coma.
Lungs, Thorax, or Respiration:Dyspnea.
Nutritional and Gross Metabolic:Changes in:Metabolic acidosis.
- Journal of the American College of Toxicology., Mary Ann Liebert, Inc., New York, NY,
Vol/p/yr: 2(5),1, 1983

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
9004-82-4	Sodium lauryl ether sulfate	n.a.	n.a.	n.a.	n.a.
NA		n.a.	n.a.	n.a.	n.a.

12. Ecological Information

Results of PBT and vPvB assessment: No data available.
CAS# 9004-82-4:
Not reported., Cuvie, Tangleweed (Laminaria hyperborea), adult(s), 100000. UG/L, 24 H,
Cell(s), Water temperature: 10.00 C C.
Results:
No observed effect.
- The Effect of Marine Pollutants on Laminaria hyperboria, Hopkins, R., and J.M. Kain,
1971

13. Disposal Considerations

Waste Disposal Method: Dispose of contents and container according to the local, city, state and federal regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not Regulated.

DOT Hazard Class:

UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not Regulated.

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not Regulated.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated.

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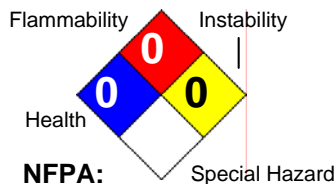
15. Regulatory Information

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
9004-82-4	Sodium lauryl ether sulfate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No
NA		CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No; CA TAC, Title 8: No

16. Other Information

Hazard Rating System:

HEALTH	0
FLAMMABILITY	0
PHYSICAL	0
PPE	A

HMIS:**Revision Date:**

02/27/2015

Additional Information About This Product:

No data available.

Company Policy or Disclaimer:

The manufacturer believes the data set forth are accurate and makes no warranty with respects thereto and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.