

Material Safety Data Sheet
GREASEBUSTER
Industrial Strength Lubricant and Cleaner



NFPA / HMIS Rating

0 = Minimal Hazard
4 = Severe Hazard
B = Personal Protection / Safety Glasses & Gloves

Health – 3
Flammability - 0
Reactivity - 0
Personal Protection – B

1. PRODUCT & COMPANY IDENTIFICATION

Product NameGREASEBUSTER Low Foam Butyl Cleaner
 Chemical UseIndustrial Strength Cleaner
 Chemical FamilyMixture / Blend

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Chemical Identity	CAS No.	%	PEL	TLV	LD50	LC50
Water	7732-18-5	60-100	N.E.	N.E.	N.D.	N.D.
2-Butoxyethanol	111-76-2	5	25ppm	25ppm	1.48g/kg	N.D.
Monoethanolamine	141-43-5	1-5	3ppm	3ppm	1720mg/kg	N.D.
Sodium Tripolyphosphate	7558-29-4	1-5	N.E.	N.E.	4100mg/kg	N.D.
Sodium Xylene Sulfonate	1300-72-7	1-5	N.E.	N.E.	N.D.	N.D.

This mixture contains 5% 2-Butoxyethanol which is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR, Part 372.

3. HAZARDOUS IDENTIFICATION

Emergency Overview

A purple, pine odor liquid mixture.

Potential Health Effect

Eye ContactMay cause severe irritation, redness, burns and possible corneal injury.
 Skin ContactMay cause severe irritation, redness and burns. May be asorbed through skin with repeated contact.
 InhalationMay irritate respiratory tract when used with inadequate Ventilation.
 IngestionMay cause severe irritation or burning of gastrointestinal tract and possible mucosal injury.

4. FIRST AID MEASURES

Eye ContactImmediately flush eyes with plenty of water for at least 15 minutes lifting eyelids. Seek medical attention.

Skin Contact.....Remove contaminated clothing. Wash skin with soap and water. Get medical attention if irritation develops or persists.

Inhalation.....If exposed to excessive levels of fumes, remove to fresh air. Get medical attention if cough or other symptoms develop.

Ingestion.....Do not induce vomiting. Drink one or two glasses of water and get medical attention immediately.

5. FIRE FIGHTING MEASURES

Flash Point.....N/A

Flammable Limits @ 212°F ...N/A

Extinguishing MediaUse water, foam or CO₂

Fire Fighting Instructions.....As with any fire, wear sealed contained breathing apparatus, Pressure demand MSHA / NIOSH (approved or equivalent) and full protective gear. Water runoff may cause environmental damage. Dike and collect water used to fight fire.

6. ACCIDENTAL RELEASE MEASURES

Clean up spills immediately, observing precautions in Section 8 – Personal Protection. Absorb spill with inert material (e.g. dry sand or earth), then place in chemical waste container.

7. HANDLING & STORAGE

HandlingAvoid contact with eyes, skin, and clothing. Use in well ventilated area.

StorageStore in cool place in original container and keep away from Direct sunlight. Keep container closed when not in use.

Shelf-LifeOne to two years normally.

Storage Temperature5 - 43°C (41 - 110°F)

Maintenance Personnel.....Wash down vessels. Check the oxygen and combustible vapor content of the vessel atmosphere. Use appropriate protective equipment.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering ControlGood general ventilation should be sufficient to control airborne levels.
Respiratory ProtectionFor most situations no respiratory protection is necessary With good ventilation.
Skin ProtectionWear chemical resistant gloves and full cover clothing.
Eye ProtectionWear safety-goggles with side shields (or goggles). Contact lenses should not be worn.

General Hygiene

ConsiderationsThere are no known health hazards associated with this Product when used as recommended. The following general Hygiene considerations are recognized as common, good Industrial hygiene practices.

- Ø Wash hands after use and before eating.
- Ø Avoid breathing vapors
- Ø Wear safety glasses and gloves

Exposure limitsNot established for product as whole

Ingredients	CAS#	ACGIH
-------------	------	-------

None established for individual components.

9. PHYSICAL AND CHEMICAL PROPERTIES

AppearanceClear to slightly yellow liquid.
OdorMild orange aroma.
Boiling Point292°F
Melting Point.....N/A
Solubility in water50%
Specific Gravity (water=1)0.921

10. STABILITY AND REACTIVITY

StabilityStable.
Incompatibility (Materials to Avoid): Strong acids and oxidizers.
Hazardous Decomposition of By-Products: None known.
Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Routes of entry: Ingestion, Inhalation, Skin, Eyes
Eye.....Not determined.
Skin.....Not determined.
OralNot determined.

Carcinogenicity: None Teratogenicity: None Mutagenicity: None Reproductive Toxicity: None

12. DISPOSAL CONSIDERATIONS

Steps to be taken if material is spilled or released: Collect and reuse if possible. Dilute and flush to sewer with large quantities of water if permitted by regulatory authorities or absorb on inert material (sand, clay, etc.) and place into container for proper disposal. Do not allow runoff into public waterways.

Waste Disposal: Dispose of as permitted by all Federal, Provincial, State, and Local regulatory authorities.

(Note: adding chemicals, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate, or otherwise inappropriate.)

13. TRANSPORTATION INFORMATION

A. USA:

D.O.T. ShippingNot regulated.
Technical Shipping NameLiquid Detergent
D.O.T. LabelNone
D.O.T. PlacardNone
Freight Class PackageClass 55
Product LabelIndustrial Deodorant

B. CANADA:

TDGNot regulated.

C. ENGLAND:

Approved Carriage ListNot regulated.

14. REGULATORY INFORMATION

A. USA:

TSCA StatusAll ingredients listed on TSCA inventory.

SARA TITLE III, 302 / 303 EHSNone.

SARA TITLE III, 304 HS.....None.

SARA TITLE III, 311 / 312None.

SARA TITLE III, 313None.

B. CANADA:

DSL / NDSLAll ingredients are listed.

WHMISNot Classified

C. EC:

EINECSAll ingredients are listed.

15. STATE REGULATORY INFORMATION

For details on specific requirements, you should contact the appropriate agency in your state.

While Ecologix Environmental Systems, LLC believes the information contained herein to be true and accurate, it has relied on information provided by others. Ecologix makes no warranties, expressed or implied, as to the accuracy of the information contained herein or with respect to the results to be obtained from the use of this product. Ecologix disclaims all liability with respect to the use of this product, including without limitation, liability for injury to the user or third-party persons.

Ecologix Environmental Systems, LLC
Toll Free: 888-326-2020 or 770-993-8292