

Safety Data Sheet



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Section 1. Chemical Product and Company Identification

Product Name Grime-Away
Product Use Low Foaming Laundry Detergent
Product Code 4413
Date of Issue 6/16/2017
Supersedes 7/8/2016

Emergency Telephone Numbers

CHEMTREC- 1-800-424-9300

(For use only in the event of emergencies involving a spill, leak, fire, exposure, or accident involving chemicals)

Section 2. Hazards Identification

Emergency Overview

WARNING



Health Hazards

Skin Corrosion/Irritation

Category 2

Serious eye damage/ eye irritation

Category 2B

Precautionary Statements:

P264 Wash hands thoroughly after handling
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313 IF SKIN irritation occurs: Get medical advice/attention.
P337+P313 IF eye irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.

Hazard Statements:

H315 Causes skin irritation
H320 Causes eye irritation

Routes of Entry Dermal, Oral, and Inhalation

Acute Effects:

Eyes Causes irritation
Skin May cause irritation
Inhalation May cause coughing, sneezing, and irritation
Ingestion May cause severe irritation and gastrointestinal disorder

Section 3. Composition/Information on Ingredients

<u>Name of Hazardous Ingredients</u>	<u>CAS Number</u>	<u>% by Weight</u>
2-butoxyethanol	111-76-2	<3
Proprietary blend of Anionic, ionic Surfactants and Carbonates		<30

Section 4. First Aid Measures

Eye Contact Flush eyes with plenty of clean water for 15 minutes, holding eyelids. Seek immediate medical attention.
Skin Contact Flush skin area with plenty of soap and water. Seek medical attention if a rash occurs or if irritation persists.
Inhalation Remove to fresh air. Begin CPR if breathing has stopped and seek immediate medical attention.
Ingestion Do not induce vomiting. Give several glasses of water. Never give anything to an unconscious person orally. Seek immediate medical attention.

Section 5. Fire Fighting Measures

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



Hazardous Combustion Products N/A
Extinguishing Media Water spray, dry chemical, fog, regular foam, or CO₂ (water or foam may cause frothing)
Unsuitable Extinguishing Media N/A
Fire Fighting Procedures Wear protective gear. Use water spray to cool fire-exposed containers.
Unusual Fire and Explosion Hazards Toxic fumes may be released. Toxic levels of CO, CO₂, and irritating amines. Irritating amines may be generated in the presence of an excess of heat.

Section 6. Accidental Release Measures

Spill Clean Up All spilled material must be contained and kept out of waterways, sewers and drains. The spilled chemical should be absorbed with an inert material. Flush cleaned area thoroughly with water.

Section 7. Handling and Storage

Handling and Storage Keep containers tightly closed when not in use. Store away from acids. Keep out of the reach of children. Have eyewash accessible to use in handling area.

Section 8. Exposure Controls/Personal Protection**Exposure Limits**

Product Name	OSHA PEL	NIOSH REL	AIHA WEEL	ACGIH TLV
2-butoxyethanol (111-76-2)	50ppm	5ppm		20ppm

Engineering Controls Not required under normal use

**Personal Protective Equipment (PPE)**

Eyes Safety glasses or chemical splash goggles
Body Rubber or neoprene gloves, boots and apron
Respiratory Use a NIOSH approved respirator if exposure limits are reached or exceeded

Section 9. Physical and Chemical Properties

Physical State	Liquid	Explosive Limits	N/A
Color	Blue	Vapor Pressure	N/A
Odor	Starch fragrance	Vapor Density	N/A
Odor Threshold	N/A	Relative Density	N/A
pH	7.0-9.0	Solubility	Complete
Freezing Point	N/A	Partition Coefficient	N/A

Boiling Point	Not Determined	Auto-Ignition Temp.	N/A
Flash Point	N/A	Decomposition Temp.	N/A
Evaporation Rate	N/A	Viscosity	N/A
Flammability	N/A	Specific Gravity	1.05-1.10

Section 10. Stability and Reactivity

Stability and Reactivity	Stable
Incompatibility	Organic acids, amphoteric metals, including aluminum, copper and zinc; exposure to some metals can generate explosive hydrogen gas.
Hazardous Polymerization	Will not occur
Hazardous Decomposition Products	CO ₂ , CO and ethylene oxide
Conditions to Avoid	N/A

Section 11. Toxicological Information

Routes of Entry	Dermal, Oral and Inhalation
Symptoms	Irritation
Skin Irritant	Yes
Eye Irritant	Yes
Sensitizers	Not determined
Mutagenicity	No information found
Carcinogenicity	2-butoxyethanol: IARC Group 3 (not classifiable as a human carcinogen)
Reproductive Toxicity	No information found
Target Organs	None

There is no toxicological data for this product as a whole. Based on relevant ingredients with known acute toxicity, the acute toxicity estimate (ATE) using the additive formula has been determined.

Acute Toxicity

Test	Results	Basis
Dermal	7,143 mg/kg	ATE determined beyond Category 4
Oral	5,318 mg/kg	ATE determined beyond Category 4
Inhalation	21.3 mg/l	ATE determined beyond Category 4

Section 12. Ecological Information

Environmental Effects No ecological information available

Section 13. Disposal Considerations

Waste Information Dispose of in accordance with all Federal, state and Local pollution control regulations.

Section 14. Transportation Information

Regulatory Information	UN number	Proper Shipping Name	Classes	Packaging Group	Label Code
DOT Classification	Not regulated				

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

Section 15. Regulatory Information

US Federal Regulations The following substances are listed as a toxic chemical and are subject to report under the SARA act
Section 313: 2-butoxyethanol 111-76-2 <3%

The following substances have CERCLA reportable quantity values (in pounds):

None

State Regulations None

Section 16. Other Information

Last Revision 6/16/2017

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.