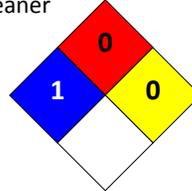


MATERIAL SAFETY DATA SHEET
Grime Buster™
SECTION I – PRODUCT AND MANUFACTURER IDENTIFICATION

Product Name: Grime Buster™ Industrial Strength Cleaner
 Degreaser & Stain Remover
Formula Number: 14005013
Applicable Product Code(s): 0902022
Product Description: Clear, nearly colorless liquid
Product Use: Hard surface cleaner
Manufactured For: Sanco Industries, Inc.
Address: 1819 S. Calhoun St.
 Fort Wayne, IN 46802
Phone: (260)-426-6281
Toll Free: (888)-697-2626
National Poison Control Center: (800)-222-1222



HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	A

SECTION II – HAZARDS IDENTIFICATION

Emergency overview: KEEP OUT OF REACH OF CHILDREN
 Avoid contact with eyes, skin and clothing

Potential short term health effects: Routes of exposure: eye, skin, inhalation, ingestion
 Eyes: may cause eye irritation
 Skin: may cause skin irritation
 Inhalation: may cause respiratory tract irritation, inhalation toxicity not determined
 Ingestion: may cause irritation of mucous membranes, nausea, vomiting and/or diarrhea

Target organs: Eyes, respiratory system, skin

Chronic effects: This product is not expected to have chronic health effects

Signs and symptoms of exposure: Ingestion: possible mild gastrointestinal irritation with nausea, vomiting and/or diarrhea – large ingestions may cause temporary dizziness, lack of coordination and headache
 Eye Contact: may result in stinging, tearing, itching, swelling, redness and/or severe irritation
 Skin Contact: use on irritated or extremely dry skin may aggravate the existing condition
 Inhalation: inhalation of significant amounts of aerosolized product may cause respiratory irritation

SECTION III – HAZARDOUS INGREDIENTS

<u>Component</u>	<u>CAS #</u>	<u>Weight %</u>
1-Butoxy-2-Propanol	5131-66-8	1-5%
Alkylbenzenesulfonic Acid	68584-22-5	<2.0%
Sodium Hydroxide	1310-73-2	<1.5%
Alkyl polyglucoside surfactant	68515-73-1; 110615-47-9	<1.0%
Poly(oxy-1,2-ethanediyl), a-undecyl-w-hydroxy-	34398-01-1	<1.0%
Tetrasodium EDTA	64-02-8	<1.0%

This product contains no known carcinogens present at or above de minimus level

SECTION IV – FIRST AID MEASURES

Eye Contact: Hold eyes open, remove any contact lenses and immediately flush eyes with plenty of cool water for 15 minutes. Call a doctor or poison control center

Skin Contact: Completely remove contaminated clothing, rinse skin with plenty of cool water for 15 minutes. Call a doctor or poison control center if irritation persists

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Ingestion: Drink a glassful of water, do not induce vomiting. Never give an unconscious person anything to ingest. Call a doctor or poison control center

Inhalation: Remove to fresh air. If breathing problems develop, call a doctor

Notes to physician: Contains glycol ether, sodium hydroxide and surfactants

SECTION V – FIRE FIGHTING MEASURES

Extinguishing media: Foam, carbon dioxide, dry chemical or water fog – direct water spray may spread fire

Special protective equipment for firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire-fighting clothing. If protective equipment is not available or not used, fight fire from a protected location or safe distance

Specific hazards during fire-fighting: Containers may rupture in a fire situation. Violent steam generation may occur upon application of direct water stream to hot liquids. Thermal decomposition or burning may produce noxious and/or toxic fumes including oxides or sulfur, sodium, carbon and/or nitrogen. Incomplete combustion may form carbon monoxide. Evacuate downwind personnel

SECTION VI – ACCIDENTAL RELEASE MEASURES

Spill response: Do not touch or walk through spilled material. Stop leak(s) only if you can do so without risk. Prevent release into waterways, sewers, basements or confined areas. Dilute with water. Absorb or cover with dry earth, sand or other non-combustible material and transfer to labeled containers.

Other precautions: Evacuate personnel and ventilate area around spill. Keep personnel upwind of spill. Only trained and properly protected personnel must be involved in clean-up operations. Use appropriate safety equipment

SECTION VII – HANDLING AND STORAGE

Keep out of reach of children and pets. Avoid contact with eyes, skin and clothing. Avoid breathing vapors. Do not ingest. Do not mix with other household chemicals, as hazardous gases could be released. Keep container closed when not in use and store in a cool, dry place. Do not reuse empty container. Do not expose product to extreme hot or cold temperatures

SECTION VIII – EXPOSURE CONTROLS AND PERSONAL PROTECTION
Exposure Limits

<u>Component</u>	<u>List</u>	<u>Type</u>	<u>Value</u>
1-Butoxy-2-Propanol	Dow IHG	TWA	50 ppm
Alkylbenzenesulfonic Acid	N/A	N/A	N/A
Sodium Hydroxide	OSHA	PEL	2 mg/m ³
	OSHA	TWA	2 mg/m ³
	ACGIH	TLV	2 mg/m ³
	NIOSH	IDLH	10 mg/m ³
Alkyl polyglucoside surfactant	N/A	N/A	N/A
Poly(oxy-1,2-ethanediyl), a-undecyl-w-hydroxy-	N/A	N/A	N/A
Tetrasodium EDTA	N/A	N/A	N/A

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Personal Protective Equipment (PPE)

Safety glasses, splash goggles and/or face shields are required when handling large quantities of product. Wear chemical-resistant gloves if there is a potential for repeated or prolonged skin contact. In situations where exposure limits may be exceeded, a NIOSH-approved respirator is recommended

Engineering Controls

Use in area with adequate ventilation to minimize exposure to product mist

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

<i>Appearance:</i> Clear, nearly colorless liquid	<i>Upper flammability limit:</i> Not available
<i>Odor:</i> Glycol ether, lemon	<i>Lower flammability limit:</i> Not available
<i>pH:</i> 12.0 ± 1.0	<i>Specific gravity:</i> 1.020 ± 0.010
<i>Melting/freezing point:</i> < 32 °F	<i>Solubility in water:</i> Complete
<i>Boiling point:</i> Not available	<i>Partition coefficient:</i> Not available
<i>Flash point:</i> > 200 °F	<i>Auto-ignition temperature:</i> Not available
<i>Evaporation rate:</i> Not available	<i>Decomposition temperature:</i> Not available
<i>Vapor pressure:</i> Not available	

SECTION X – STABILITY AND REACTIVITY

Chemical stability: Stable at normal use/storage conditions, will not hazardously polymerize

Conditions to avoid: None known

Incompatible materials: Do not mix with other chemicals, including strong acids, bases and oxidizers

Hazardous decomposition products: In a fire situation, will produce normal products of combustion

Hazardous reaction possibility: None known

SECTION XI – TOXICOLOGICAL INFORMATION

This product contains no known carcinogens and is not expected to be acutely toxic. If ingested, drink a glassful of water and do not induce vomiting. If in contact with eyes, hold eyes open, remove any contact lenses and immediately flush eyes with plenty of cool water for 15 minutes

<i>Component</i>	<i>Acute toxicity, ingestion</i>	<i>Acute toxicity, absorption</i>	<i>Repeated dose toxicity</i>	<i>Developmental toxicity</i>	<i>Reproductive toxicity</i>	<i>Genetic toxicity</i>
1-Butoxy-2-Propanol	2,124-2,700 mg/kg, LD50, rat, female	>2,000 mg/kg, LD50, rat	no additional adverse effects	no birth or fetal effects	no reproductive interference	negative (in vitro)
Alkylbenzene-sulfonic Acid	1,080-1,890 mg/kg, LD50, rat	No data available	no additional adverse effects	none known	none known	none known
Sodium Hydroxide	not available	1,350 mg/kg, LD50, rabbit	Chronic effects generally result of long-term irritation	none known	none known	none known



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Alkyl polyglucoside surfactant	>5,000 mg/kg, LD50	not available	not available	none known	none known	not mutagenic
Poly(oxy-1,2-ethanediyl), a-undecyl-w-hydroxy-	>1,400 mg/kg, LD50, rat	not available	not available	none known	none known	none known
Tetrasodium EDTA	>2,000 mg/kg, LD50, rat	>1,950 mg/kg, LD50, rabbit	affects kindeys and urinary tracts in animals	toxic to fetus at levels toxic to mother	toxic to fetus at levels toxic to mother	not mutagenic

SECTION XII – ECOLOGICAL INFORMATION

Propylene Glycol Monomethyl Ether: Low bio-accumulation potential, high potential soil mobility. Material is readily biodegradable and practically non-toxic to aquatic organisms on an acute basis

1-Butoxy-2-Propanol: Low bio-accumulation potential, high potential soil mobility. Material is readily biodegradable and practically non-toxic to aquatic organisms on an acute basis

Alkylbenzenesulfonic Acid: Low bio-accumulation potential, high potential soil mobility. Material readily biodegradable and is expected to be practically non-toxic to aquatic organisms on an acute basis

Sodium Hydroxide: Low bio-accumulation potential. Material is inorganic and thus not subject to biodegradability. Moderately toxic to aquatic organisms and slightly toxic to terrestrial organisms. No data available on soil mobility

Alkyl polyglucoside surfactant: Material is readily biodegradable and slightly toxic to aquatic organisms on an acute basis

Poly(oxy-1,2-ethanediyl), a-undecyl-w-hydroxy-: Material is readily biodegradable and slightly toxic to aquatic organisms on an acute basis

Tetrasodium EDTA: Low bio-accumulation potential, high potential soil mobility. Material is not biodegradable and practically non-toxic to aquatic organisms on an acute basis

SECTION XIII – DISPOSAL CONSIDERATIONS

Dispose of in accordance with all applicable federal, state and local regulations. Do not reuse empty containers – flush with water and place in appropriate trash or recycling receptacle

SECTION XIV – TRANSPORTATION INFORMATION

- US DOT Proper Shipping Name:* Not regulated in non-bulk containers
- US DOT Hazard Class:* N/A
- US DOT ID Number:* N/A
- US DOT Packing Group:* N/A
- ORM-D Exemption possible:* N/A

SECTION XV – REGULATORY INFORMATION

TSCA: All ingredients in this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30

FIFRA: This product is not a registered pesticide

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CERCLA reportable quantity: 1,000 lbs Sodium Hydroxide (approximately 155,030 lbs or approximately 18,200 gallons Grime Buster™ finished product)

California Proposition 65: This product contains no listed substances known to the state of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute

SARA Title III 302 extremely hazardous substance: No

SARA Title III 313 reportable ingredients: No

SARA Title III 311/312 hazard categories:

	<u>Yes</u>	<u>No</u>
Immediate Hazard	X	
Delayed Hazard		X
Fire Hazard		X
Pressure Hazard		X
Reactivity Hazard		X

SECTION XVI – OTHER INFORMATION

This product should only be used as directed on the label and for its intended purpose. This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the manufacturer's control and all chemicals may present unknown hazards and should be used with caution. User is responsible for evaluating all available information when using this product for a particular use and to comply with all applicable federal, state and local laws and regulations.