



24 Hour Emergency:
INFOTRAC: 1-800-535-5053

NOTE: INFOTRAC emergency number to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals.

MATERIAL SAFETY DATA SHEET

Section 1 - Chemical Product / Company Information

Product Name: Low Foam Grease Gator Cleaner Revision Date: 07/01/2009
 Identification Number: 46604 Supercedes : 03/07/2007
 Supplier: Solvent Systems International
 70 King Street
 Elk Grove Village, Illinois 60007
 847-437-1100

Section 2 - Composition / Information On Ingredients

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Wt % Less Than</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH TLV-STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-Ceiling</u>
Sodium xylene sulfonate	1300-72-7	5.0				
Alkanolamide	68603-42-9	5.0				
Tetrapotassium pyrophosphate	7320-34-5	5.0				
2-butoxyethanol	111-76-2	5.0	20 ppm		50 ppm	
Sodium carbonate	497-19-8	5.0			5 mg/m3	
Sodium metasilicate pentahydrate	6834-92-0	5.0				2 mg/m3
2,2'iminobisethanol	111-42-2	5.0				

Section 3 - Hazards Identification

*** EMERGENCY OVERVIEW ***: No Information.

Effects Of Overexposure - Eye Contact: Contact with the eye may cause moderate irritation.

Effects Of Overexposure - Skin Contact: Prolonged or repeated contact can result in defatting and drying which may result in skin irritation and dermatitis (rash).

Effects Of Overexposure - Inhalation: Low order of toxicity.

Effects Of Overexposure - Ingestion: Overexposure may cause nausea, diarrhea, and/or vomiting. This material may be harmful if swallowed.

Effects Of Overexposure - Chronic Hazards: No information.

Primary Route(s) Of Entry: Skin Contact, Inhalation, Ingestion, Eye Contact.

Section 4 - First Aid Measures

First Aid - Eye Contact: Flush eyes with water a minimum of 15 minutes occasionally lifting lower and upper lids. Get medical attention promptly. Do not permit victim to rub eyes. Remove contact lenses if worn.

First Aid - Skin Contact: Remove contaminated shoes and clothes and clean before reuse. Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately before reuse.

First Aid - Inhalation: To prevent aspiration, keep head below knees. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

First Aid - Ingestion: Do not induce vomiting. Do not give liquids. Obtain emergency medical attention

Section 5 - Fire Fighting Measures

Flash Point, F: > 200
(TCC)

Lower Explosive Limit, %: N.D.

Upper Explosive Limit, %: N.D.

Extinguishing Media: Water, Water Fog.

Unusual Fire And Explosion Hazards: No Information.

Special Firefighting Procedures: Water spray and foam must be applied carefully to avoid frothing. Water spray to cool containers or protect personnel. Use with caution. Water runoff can cause environmental damage. Dike and collect water used to fight fire. As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

Section 6 – Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Flush spill area with water after clean up. Recover by pumping (use an explosion proof or hand pump). Eliminate all ignition sources. Do not touch or walk through spilled material. Ventilate spill area. Avoid runoff into storm sewers and ditches which lead to waterways. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

Section 7 - Handling And Storage

Handling: Follow all MSDS/label precautions even after containers are emptied because they may retain product residues. Ground and bond containers when transferring material. Use only in a well ventilated area.

Storage: Store containers in a cool, well ventilated place. Keep away from heat, sparks, and flame. Keep from freezing. Keep container closed when not in use.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

Respiratory Protection: A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

Skin Protection: Wear long sleeves when contact is likely to occur. Wear protective gear as needed - apron, suit, boots. Wear impervious gloves to prevent contact with the skin.

Eye Protection: Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent).

Other protective equipment: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Hygienic Practices: Do not eat, drink, or smoke in areas where this material is used. Wash hands before eating. Wash thoroughly after handling.

Section 9 - Physical And Chemical Properties

Boiling Range:	N.D. - N.D.	Vapor Density:	>1 (air=1)
Odor:	Typical	pH:	N.D.
Appearance:	Clear, transparent liquid	Evaporation Rate:	<1 (n-butyl acetate=1)
Solubility in H ₂ O:	Soluble	Viscosity:	N.D.

Freeze Point: N.D. Specific Gravity: 1.0476
Vapor Pressure: N.D.
Physical State: Liquid
(See section 16 for abbreviation legend)

Section 10 - Stability And Reactivity

Conditions To Avoid: Avoid excess heat and sources of ignition.

Incompatibility: Prevent contact with strong oxidizing agents. Avoid contact with alkalines. Do not use sodium nitrite or other nitrosating agents in formulations containing this product. Suspected cancer-causing nitrosamines could be formed. Avoid contact with ammonia. Keep away from acids. Avoid prolonged contact with alkali sensitive metals.

Hazardous Decomposition: Combustion can lead to the formation of ammonia. May form peroxides of unknown stability. Decomposition causes sulfur oxides to be released. Decomposition releases nitrogen oxides. During combustion carbon dioxide may be formed. During combustion carbon monoxide may be formed.

Hazardous Polymerization: N.D.

Stability: N.D.

Section 11 - Toxicological Information

Product LD50: N.D.

Product LC50: N.D.

<u>Chemical Name</u>	<u>LD50 mg/kg</u>	<u>LC50 mg/L</u>
Sodium xylene sulfonate	5989.0	.
Alkanolamide	620.0	
Tetrapotassium pyrophosphate	2980.0	1.10
2-butoxyethanol	1746.0	0.875
Sodium carbonate	4090.0	2300.0
Sodium metasilicate pentahydrate	1153.0	
2,2'imino bisethanol	7.64	

Section 12 - Ecological Information

Ecological Information: N.D.

Section 13 - Disposal Information

Disposal Information: Dispose of waste in accordance with all local, state and federal regulations.

Section 14 - Transportation Information

Not Regulated

Section 15 - Regulatory Information

CERCLA – SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD, CHRONIC HEALTH HAZARD, FIRE HAZARD

SARA Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR Part 372:

<u>Chemical Name</u>	<u>CAS Number</u>
2-butoxyethanol	111-76-2

2,2'iminobisethanol

111-42-2

Toxic Substances Control Act:

All components of this product are listed or are exempt from listing on the TSCA 8(b) inventory. If identified components of this product are listed under the TSCA 12(b) export notification rule, they will be listed below:

<u>Chemical Name</u>	<u>CAS Number</u>
Sodium sulfate	7757-82-6
1,2-ethanediol	107-21-1

U.S. State Regulations: As follows –

New Jersey Right-to-Know:

The following materials are non-hazardous, but are among the top five components in this product.

<u>Chemical Name</u>	<u>CAS Number</u>
Water	7732-18-5

Pennsylvania Right-to-Know:

The following non-hazardous ingredients are present in the product at greater than 3%.

<u>Chemical Name</u>	<u>CAS Number</u>
Water	7732-18-5

California Proposition 65:

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

Warning: The following ingredients present in the product are known to the state of California to cause birth defects or other reproductive hazards.

International Regulations:

CANADIAN WHMIS:

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

Section 16 - Other Information

HMIS Ratings:

Health: 1

Flammability: 0

Reactivity: 0

Personal Protection: X

VOLATILE ORGANIC COMPOUNDS, g/L: 25**REASON FOR REVISION:****Legend:** N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

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