



COSHH DATA SHEET

Grime-Buster

Total Pages: 3

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COSHH Safety Data Sheet #: Grime-Buster
Catalogue #: ZAP-FOAM

SECTION 1. PRODUCT NAME

Non-Acid Foaming Condenser Cleaner Aerosol

SECTION 2. COMPONENT INFORMATION

INGREDIENT	CAS No.	EINECS NO	% or Range	Hazard Symbol	Risk Phrases
2-Butoxyethanol	111-76-2	203-905-0	1-5	Xn	R20/21/23; R36/37/38
Sodium metasilicate	6334-92-0	229-912-9	1-5	C	R34, R37
Liquefied Petroleum Gas	68476-85-7	200-82-79 203-44-87	5-10	F+, Xi	R12

Other components: Components not listed here are not dangerous or their concentrations do not exceed the limits specified in the EU directive 1999/45/EC.

Additional information: For the wording of the listed risk phrases refer to section 15.

SECTION 3. HAZARDS IDENTIFICATION

Inhalation: Effects from inhalation of mists and vapours vary from mild to moderate irritation of the upper respiratory tract, depending on severity of exposure. Abusive or excessive inhalation of vapours may cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects.

Ingestion: Swallowing can cause gastro-intestinal irritation, nausea, vomiting, diarrhoea. Aspiration of material into the lungs can cause chemical pneumonitis. Minimal toxicity.

Skin Contact: Frequent or prolonged contact may cause irritation.

Eye Contact: May cause pain and moderate irritation of eyes.

Aggravation of Pre-existing Conditions: Persons with pre-existing skin disorders or eye problems or impaired respiratory function may be more susceptible to the effects of the product.

SECTION 4. FIRST AID MEASURES

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing stops, give artificial respiration. Call a physician.

Skin Contact: Wash with soap and water. Rinse with copious amounts of fresh, running water. If Irritation persists, get medical attention.

Eye Contact: Immediately flush eyes with large amounts of cool running water for at least 15 minutes while holding eyelids open. If irritation persists, get medical attention immediately.

Ingestion: Call the nearest poison control centre or the National Poison Control Hotline at 1-800-222-1222 (U.S.A.), NPIS 011+0844 892 0111 (UK), NPIC (01) 809 2566 (Ireland), or by dialling 112 (EU) for advice immediately. Do not induce vomiting, unless directed to do so by a physician. If victim is conscious and alert, give 2-3 glasses of water to drink. Do not leave victim unattended. To prevent aspiration of swallowed product, lay victim on side with head lower than waist. Vomiting may occur spontaneously.

SECTION 5. FIRE FIGHTING MEASURES

Flash Point: >212°F/100°C

Fire Extinguishing Media: Foam, CO2, dry chemical or other media suitable for the primary source of the fire.

Special Information: This product is non-flammable. In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face-piece operated in the pressure demand or other positive pressure mode. Cool exposed containers with a water spray to prevent rupturing.

Unusual Fire and Explosion Hazards: Exposure to temperature above 120°/49°C may cause bursting.

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SECTION 6. ACCIDENTAL RELEASE MEASURES

Remove contaminated clothing immediately. Keep unnecessary and unprotected people away from area of spill. Ventilate area of leak or spill. Keep sources of ignition away from the spill site. Allow foam to dissipate, and propellant to evaporate. Contain and absorb liquid with clay, vermiculite or other inert substance, sweep up and package in a container suitable for disposal. Wash away residues with water. Dispose of absorbed material in accordance with Federal, local and state regulations.

SECTION 7. HANDLING AND STORAGE

Protect from physical damage. Store in a cool, dry, ventilated area below 120°F/49°C.. Keep this and all chemicals out of the reach of children. Wash hands thoroughly after using this product.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:

	<i>CAS No. No.</i>	<i>OSHA Permissible Exposure Limit (PEL)</i>	<i>ACGIH Threshold Limit Value (TLV)</i>	<i>WEL ppm</i>	<i>WEL mg/m3</i>	<i>STEL ppm</i>	<i>STEL mg/m3</i>
2-Butoxyethanol	111-76-2	50ppm	50ppm	25	123	-	-
Sodium metasilicate	6334-92-0	-	-	-	-	-	-
Liquefied Petroleum Gas	68476-85-7	1000ppm	1000ppm	1000	1800	2100	-

Ventilation System: A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

Personal Respirators: Not required for normal use in accordance with label directions.

Skin Protection: Use solvent resistant gloves to minimize skin contact.

Eye Protection: Use chemical safety goggles and/or a full face shield where splashing is possible. Do not use unless a source of running water or other eyewash provisions are nearby.

Work Hygienic Practices: Use proper industrial hygiene practices and follow label instructions to minimize hazardous exposure. Wash hands after handling this material, and before eating or smoking.

SECTION 9. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: >82°F	Specific gravity (H₂O = 1): 0.77
Vapour pressure (mm Hg): Same as water	Vapour Density (Air = 1): 30 @ 70°F
Evaporation Rate (Water = 1): >1	VOC Content: ~20%
Solubility in water: Moderate	pH @ 25°C: N/A
Appearance: Clear colourless liquid	Odour: Sweet odour

SECTION 10. STABILITY AND REACTIVITY DATA

Stability: Stable under ordinary conditions of use and storage.

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide, Hydrogen sulphide, Phosgene

Hazardous Polymerization: Will not occur.

Incompatibilities: Avoid contact with strong oxidizing agents, strong alkalis and strong acids.

Conditions to Avoid: Heat, incompatibles.

SECTION 11. TOXICOLOGY INFORMATION

NTP Carcinogen: No

SECTION 12. ECOLOGICAL INFORMATION

Environmental Fate: No information found.

Environmental Toxicity: No information found.

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of spill-clean up and other wastes in accordance with Federal, State, and local regulations. Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Although not a listed RCRA hazardous waste, this material may exhibit one or more characteristics of a hazardous waste and require appropriate analysis to determine specific disposal requirements. Processing, use or contamination of this product may change the waste management options. Empty containers of this material, depressurized through normal use, pose no disposal hazard and may be recycled. State and local disposal regulations may differ from federal disposal regulations.

SECTION 14. TRANSPORTATION INFORMATION

US DOT: Consumer Commodity, ORM-D

INTERNATIONAL

Water, I.M.O.:

Proper Shipping Name: Aerosols (max 1 L) (Limited Quantity)

Hazard Class: 2.1

UN: 1950

Marine Pollutant: Yes

ADR/RID

Proper Shipping Name: AEROSOLS

Hazard Class: 2

Classification Code: 5F

UN Number: 1950

Packing Group: (N/A)

Label(s) / Mark(s): 2.1

Hazard ID Number: N/A

Hazchem EAC: none

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SECTION 15. REGULATORY INFORMATION



EC Classification:

Labelling –

Risk phrases:

R12 Extremely flammable.

R 20/21/22 - Harmful by inhalation, in contact with skin and if swallowed

R-36: Irritating to eyes.

R37: Irritating to respiratory system

R38: Irritating to skin.

Safety phrases

S2: Keep out of reach of children

S23: Do not breathe fumes, vapour or spray

S24: Avoid contact with skin.

S25: Avoid contact with eyes.

US EPA:

Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) requires notification of the National Response Centre of release quantities of Hazardous Substances is not required for this material.

Superfund Amendments and Reauthorisation Act of 1986 (SARA) Title III requires emergency planning based on threshold planning quantities and release reporting based on reportable quantities in 40 CFR 355 (used for SARA 302, 304, 311, and 312) is not required for quantities below 250 pounds.

Superfund Amendments and Reauthorisation Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). This material is not subject to reporting requirements.

Toxic Substances Control Act (TSCA) Status: The ingredients of this product are on the TSCA inventory.

State Right to Know

California Proposition 65:

Massachusetts: Hazardous substances and extraordinarily hazardous substances must be identified.

Pennsylvania: Hazardous substances must be identified.

California SCAQMD Rule 443.1 (VOC's): 20%

SARA 311/312: Acute: **Yes** Chronic: **No** Fire: **No** Pressure: **Yes** Reactivity: **No**

WHMIS: This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.
Class A-Compressed Gas

16. OTHER INFORMATION:

NFPA Ratings: Health: **1** Flammability: **1** Reactivity: **1**

Label Hazard Warning: Caution Contents under pressure

Label Precautions:

Do not puncture or incinerate container.

Do not expose to heat or store at temperatures above 120°F.

Label First Aid:

If Eye Contact: Flush with water for 15 minutes, lifting upper and lower lids. Get medical attention.

If Swallowed: Do not induce vomiting. Get medical attention immediately.

If Skin Contact: Wash affected area immediately with soap and water. If irritation persists, get medical attention.

Product Use: Air conditioning and refrigeration coil cleaner

17. ADDITIONAL INFORMATION:

This information is provided in accordance with the requirements of the UK Health and Safety at Work Act

1974, and specifically in order to assist users of the product to make their 'assessment of health risks' as required by the UK Control of Substances Hazardous to Health Regulation 1988 (COSHH assessments). Provision of this information does not preclude users from seeking advice from other sources as indicated in the COSHH guides. This information is intended to cover potential hazards at the place of work and does not detail medical uses, indications, contra-indications and precautions for the treatment of patients.

18. MANUFACTURED FOR:

Specialty Chemical Manufacturing

A Diversitech Company

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Quincy, FL 32351

USA

Phone: 1+678.542.3600

EMERGENCY Phone No. 1 800-255-3924 Chem-Tel (Chemical Emergencies Only)

International Chemical Emergency Contact: 1+813.248.0585 (Chem-Tel, Inc.)

SECTION 19. REFERENCE NUMBER:

Date of Issue: 29/03/2005

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COSHH Safety Data Sheet: ZAP-FOAM

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