

Items # 596108

826

MATERIAL SAFETY DATA SHEET
(MSDS)

ITEM NUMBER: 826 - US9511Z 734Z XX GFS ID NO: 6/18 - 596108

IDENTITY (As Used On Label and List): GFS OVEN CLEANER

Emergency Medical Telephone Number 1-800-228-5635, EXT.075(24 HRS)

PRODUCT HAZARD RATINGS: - Health = 3, Fire = 3, Reactivity = 1, Protective Equipment = *B (HMIG)
(Rating Legend: - 4 = Extreme, 3 = Serious, 2 = Moderate, 1 = Slight, 0 = Minimal)

Section I

U.S. CHEMICAL
A DIVISION OF HYDRITE
316 HART STREET
WATERTOWN
WI 53094

TELEPHONE NUMBER FOR INFORMATION:
1-800-558-9566

DATE PREPARED: 02/19/96
NAME OF PREPARER: Philip T. Miller

Section II - Hazardous Ingredients/Identity Information

Chemical Names	Exposure Limits (LD50-Oral Rat)	SARA Title III SEC 313	ACGIH TLV/TWA	OSHA PEL	% By Wt.
Sodium Hydroxide (CAS# 1310-73-2)	140-340mg/kg	NO	2mg/m3	2mg/m3	6.0
Butyl Carbitol (CAS# 112-34-5)	4g/kg (dermal-rabbit)	YES	NE	NE	9.2
Monoethanolamine (CAS# 141-43-5)	2100mg/kg	-	3ppm	3ppm	1-5
Liquified Petroleum Gas (CAS# 68476-85-7)	NA	NA	1000	1000	5-10

Unidentified ingredients are not considered hazardous under the Federal Hazard Communication Standard.
Components Listed As A Suspected Carcinogen: None

Section III - Physical Characteristics

Boiling Point: Approx. 212F Vapor Pressure (psig): 125@130F Specific Gravity (H2O=1): Approx. 1
Solubility/Water: Appreciable Vapor Density (AIR=1): >1 Evaporation Rate (Ether=1): <1
Appearance and Odor: Blue Gel, alkaline odor

Section IV - Fire and Explosion Hazard Data

Aerosol Flammability: This product is considered to be non flammable as described in 16CFR 1500.45.
Flammable Limits - % Volume In Air (Propellant): LEL: 1.8 UEL: 9.2
Extinguishing Media: Carbon dioxide, foam and/or dry chemical may be used.
Special Fire Fighting Procedures: Containers should be cooled with water to prevent vapor pressure build up. Use equipment or shielding, as required, to protect personnel from bursting, rupturing or venting containers.
Unusual Fire and Explosion Hazards: At elevated temperatures (over 54C-130F) containers exposed to direct flame or heat contact should be cooled with water to prevent weakening of container structure.

Section V - Reactivity Data

Stability: Stable **Hazardous Polymerization:** NA
Incompatibility (Materials to Avoid): Strong oxidizers
Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, flammable hydrogen gas will be liberated upon contact with metals such as aluminum, tin, or zinc. Additional toxic chemicals may be formed in small amounts
Conditions to Avoid: Do not store above 54C-130F. Keep away from heat, direct sunlight, open flames or sparks. Dropping of containers may cause bursting.

Section VI - Health Hazard Data

Route(s) of Entry - Inhalation: X Eyes: X Skin: X Ingestion: X
 Signs and Symptoms of Exposure: Inhalation is the primary source of exposure and may cause severe respiratory irritation, nausea, dizziness, fatigue, confusion, unconsciousness. Severe skin contact may cause irritations and burns. Possible skin absorption. Eye contact may cause severe or permanent damage.
 Medical Conditions Generally Aggravated by Exposure: Preexisting skin or eye disorders may be aggravated by exposure to this product.
 Emergency and First Aid Procedures: Inhalation: Remove victim to fresh air and restore breathing if necessary. Stay with victim until arrival of emergency medical personnel. In case of eye contact, flush immediately with large amounts of water for 15 minutes. If irritation persists, seek medical attention. Skin: Remove contaminated clothing. Wash affected area with soap and water. If irritation persists, consult a physician.

Section VII - Precautions for Safe Handling and Use

Releases or Spilled: Remove all sources of ignition and ventilate area. Soak up spill with an inert absorbent and place into a designated disposal container. Consult local regulatory agency for proper disposition of material.
 Waste Disposal Method: Do not puncture or incinerate containers. When contents are depleted continue to depress button until all gas is expelled. Dispose of container in accordance with local, state, and federal regulations.
 Handling And Storing: Avoid breathing vapor. Keep away from heat and flame. Use with adequate ventilation. Do not puncture or incinerate containers. Do not expose to direct sunlight or store at temperatures above 130F (54C). Store as Level 1 Aerosol (NFPA 30B).
 Other Precautions: Please read and follow the directions on the product label; they are your best guide to using this product in the most effective way, and give the necessary safety precautions to protect your health.

Section VIII - Employee Protection

Respiratory Protection (Type): None required if good ventilation is maintained. If exposure exceeds occupational exposure limits (Sec. II), use a NIOSH approved respirator to prevent overexposure.
 Ventilation: Local exhaust is adequate under normal conditions, mechanical ventilation is optional.
 Protective Gloves: Chemical resistant gloves*.
 Eye Protection: Chemical safety glasses are recommended*.
 Other Protective Clothing or Equipment: Wear impervious clothing to prevent skin contact.
 Work/Hygienic Practices: Ensure strict sanitary conditions are conformed to when working around chemicals. Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and CFR 1910.133.

Section IX-Other Regulatory Controls

Governmental Listings: Ingredients of this product are listed on the EPA/TSCA Inventory of Chemical Substances.

Section X-Transportation (D.O.T. Classification)

Shipping Name: Aerosols	Hazard Class: 9
UN #1950 IMDG Page 9022	Miscellaneous Dangerous
	Substances and Articles
NG - Negligible	NA-- Not Applicable
NE-- Not Established	UN-- Unavailable
	ND-- Not Determined

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