

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory-Form)

Form Approved

OMB No. 1218-0072

IDENTITY (As Used on Label and List)
HEAVY DUTY KITCHEN DEGREASER

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

NA = Not Applicable NIA = No Information Available

Manufacturer's Name Sunburst Chemicals, Inc.	Emergency Telephone Number 1-866-303-6943 (7 days/24 hours)
Address (Number, Street, City, State, and ZIP Code) 220 W. 86th St. Bloomington, MN 55420	Telephone Number For Information (952)884-3144
	Date Prepared 01-15-03
	Signature of Preparer (optional)

Section II – Hazardous Ingredients/Identify Information

Hazardous Components (Specific Chemical Identify; Common Name(s))	OSHA PEL % (optional)	ACGIH TLV Recommended	Other Limits
Caustic Potash (Potassium Hydroxide)	2mg/m ³	2mg/m ³	LD ₅₀ 365mg/kg
Ethylene Glycol Monobutyl Ether	50ppm TWA	25 ppm TWA	4%
Cas #111-76-2	Skin	Skin	

Section III - Physical/Chemical Characteristics

Boiling Point Over 212°F.	Specific Gravity (H ₂ O=1) 1.03
Vapor Pressure (mm Hg.) NA	Melting Point NIA
Vapor Density (AIR=1) NA	Evaporation Rate (Butyl Acetate = 1) NA
Solubility In Water Complete.	
Appearance and Odor Straw/amber liquid; sweet odor.	

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) None.	Flammable Limits	LEL NA	UEL NA
Extinguishing Media Water, CO ₂ , Dry chemical.			
Special Fire Fighting Procedures Spray with cool water to prevent containers from rupturing and spilling.			
Unusual Fire and Explosion Hazards None.			

HMIS		NFPA		
2 HEALTH	HEALTH HAZARD	FIRE HAZARD	SPECIFIC HAZARD	REACTIVITY
1 FLAMMABILITY	4 Deadly	Flash Points	Oxidizer OX	4 May detonate
0 REACTIVITY	3 Extreme danger	4 Below 73°F (Boiling pt. below 100°F)	Acid ACID	3 Shock and heat may detonate
B PERSONAL PROTECTION	X 2 Hazardous	3 Below 73°F (Boiling pt. at/above 100°F) and/or at/above 73°F – not exceeding 100°F	X Alkali ALK	2 Violent chemical change
	1 Slightly hazardous	2 Above 100°F, Not Exceeding 200°F	Corrosive COR	1 Unstable if heated
	0 Normal material	X 1 Above 200°F	Use NO WATER	X 0 Stable
		0 Will not burn	Radioactive	

Fdrive/Pubs/MSDS-Sh/Cleaners/HeavyDutyKitchenDegreaser.doc

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (*Materials to Avoid*)
None.

Hazardous Decomposition or Byproducts
None.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI - Health Hazard Data

Routes(s) of Entry:	Inhalation? NO	Skin? NO	Ingestion? NO
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Health Hazards (*Acute and Chronic*)
ACUTE - irritation to eyes and skin, distress to digestive tract, diarrhea.
CHRONIC - NIA.

Carcinogenicity:	NTP? NIA	IARC Monographs? NIA	OSHA Regulated? NIA
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Signs and Symptoms of Exposure
EXTERNAL - redness of skin or eyes, burning sensation. INTERNAL - foul taste, burning sensation in mouth and throat.

Medical Conditions Generally Aggravated by Exposure

Open sores or wounds

Emergency and First Aid Procedures

EXTERNAL - thoroughly rinse with water for at least 15 minutes. Get medical attention if irritation persists. INTERNAL - drink a large quantity of milk, raw eggs or water. Get immediate medical attention.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Absorb spilled material with an absorbent material such as clay, sawdust, or sand. Sweep up as much of this as possible and place in a sealed, labeled container or in a proper landfill. Thoroughly rinse the affected area with water.

Waste Disposal Method

Spilled material should be collected as above for disposal in a landfill according to Federal, State, and Local regulations. Any rinsing of the affected area should also be in accordance with Federal, State and Local regulations.

Precautions to Be Taking in Handling and Storing

Keep tightly closed when not in use.

Other Precautions

Avoid contact of product (or its use solutions) with skin, eyes or clothing. Caustic Alkaline material - corrosive.

Section VIII - Control Measures

Respiratory Protection (*Specify Type*)
Not required.

Ventilation	Local Exhaust NA	Special NIA
	Mechanical (<i>General</i>) NIA	Other NIA

Protective Gloves Rubber or vinyl recommended.	Eye Protection Safety glasses, goggles recommended.
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Other Protective Clothing or Equipment
Rubber apron.

Work/Hygienic Practices

Always wash hands after handling.