

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: Heavy Duty Cleaner Degreaser
(Water Flakes®)
Synonyms: ST-797
Company: Stearns Packaging Corporation
4200 Sycamore Avenue (53714)
PO Box 3216
Madison, WI 53704-0216
Phone: 800-655-5008
Fax: 608-246-5149

Formula ID Number: GP-65
MSDS File Name: WF HEAVY DUTY CLNR DEG
EPA Reg #: None
DOT Hazard Class: None
DOT Shipping Name: Compound, Cleaning, NOI,
Powder. Item 48581, Class 55
USDA Acceptance Date & Category Code: N/A

Concentrate		In Dilution	HAZARD RATING
0	Flammability	0	
3	Health	2	
0	Reactivity	0	
None	Special Hazard	None	
			4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant

Emergency Contact: CHEM-TEL, 800-255-3924

Abbreviation Key: N.A.=Not Applicable,
N.D.=Not Determined

SECTION 2 – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

CHEMICAL IDENTIFICATION	CAS NO.	HAZARD	PEL(ppm)	TLV(ppm)	%(Optional)
Sodium carbonate	497-19-8	Irritant			40-50
Tetrasodium salt of EDTA	64-02-8	Irritant			10-15
Sodium dodecylbenzene sulfonate	25155-30-0				10-15
Citric acid	77-92-9	Irritant			5-10
Sodium metasilicate anhydrous	6834-92-0	Corrosive			5-10
Ethylene glycol monobutyl ether	111-76-2	Combustible liquid, Irritant			5-10

SARA Section 313 Title III Notification Required: Yes; Chemical: Glycol ethers; CAS#: N.A.; Weight % of Chemical: 6

SECTION 3 – PHYSICAL DATA

Appearance and Odor: Purple powder, mild ether odor	Solubility in water: Complete	Vapor Pressure (mm Hg): N.D.	pH (Concentrate): N.D.
	Boiling Point: N.D.	Vapor Density (Air=1): N.D.	pH (1% Solution): 11.0
	Melting Point: N.D.	Evaporation Rate (Water=0.3): N.D.	Specific Gravity: 0.75

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: N.A.	Special Fire Fighting Procedures: Use full protective clothing and self-contained breathing apparatus. Normal fire fighting procedure may be used.
Flammable Limits ◀ LEL: N.A. UEL: N.A.	Unusual Fire & Explosion Hazards: None
Extinguishing Media: Foam, CO ₂ , dry chemical, water fog	

SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable: <input checked="" type="checkbox"/> Unstable: _____	Hazardous Polymerization: May Occur _____ Will Not Occur <input checked="" type="checkbox"/>
Conditions to Avoid: No special conditions	Conditions to Avoid: N.A.
Incompatibility (Materials to Avoid): Do not mix with any other chemicals or products unless specified by label.	Hazardous Decomposition or By-Products: When exposed to fire, produces normal products of combustion.

SECTION 6 – HEALTH HAZARD DATA/FIRST AID PROCEDURES

Health Hazards (Acute and Chronic): Corrosive and may cause permanent damage, including blindness, to exposed tissues, especially eyes, skin, throat, nasal cavities, and other mucous membranes.	Emergency and First Aid Procedures:
Signs and Symptoms of Exposure: May cause irritation or corrosive effects to exposed tissues, especially eyes, skin, throat, nasal cavities, and other mucous membranes.	Eyes: Flush with plenty of cool water for at least 15 minutes. Obtain medical attention immediately.
Medical Conditions Aggravated by Exposure: None known	Skin: May be irritating to skin. Flush with water and wear gloves in the future to minimize exposure. Wash hands thoroughly after handling. Discontinue use if irritation persists and consult a physician.
Carcinogenicity: IARC Monographs? Yes _____ No <input checked="" type="checkbox"/>	Inhalation: Remove from exposure to fresh air. Obtain medical attention immediately.
NTP? Yes _____ No <input checked="" type="checkbox"/> OSHA Regulated? Yes _____ No <input checked="" type="checkbox"/>	Ingestion: May be harmful if swallowed. Drink large amounts of water or milk. DO NOT induce vomiting. Get medical attention immediately. Avoid contamination of foods.
NOTE TO PHYSICIAN: No specific antidote. Use supportive care. Treatment should be based on judgment of the physician in response to the reactions of the patient.	

SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Ventilation: Local Exhaust: Recommended for control of dusts. Mechanical: Recommended for control of dusts.	Steps to be Taken if Material is Spilled or Released: Absorb with oil-dri or similar inert material. Sweep or scrape up and containerize. Wear/use appropriate protective equipment.
Skin Protection: Use neoprene, rubber, or other chemical resistant gloves. Wear protective clothing and footwear to prevent repeated or prolonged contact.	Waste Disposal: Comply with all local, state and federal regulations. Consult your state DNR or the EPA for specific questions. Wastewater should never enter a fresh water body without treatment.
Respiratory Protection: In general, respirators are not needed if the product is used in a well-ventilated area. If dusts are not adequately controlled by ventilation, use appropriate respiratory protection to prevent overexposure.	Handling and Storage: Wash thoroughly after handling. Thoroughly clean footwear and clothing before reuse. Keep container closed. Do not mix with other chemicals or cleaning agents.
Eye Protection: Avoid eye contact. Wear chemical goggles.	Other Precautions: Powder is corrosive to eyes and skin. Avoid getting powder concentrate in eyes or on skin. Harmful if swallowed. Do not taste or swallow. Keep out of the reach of children. For industrial use only.

SECTION 8 – OTHER REGULATORY INFORMATION

California Safe Drinking Water and Toxic Enforcement Act of 1986 – No chemicals listed by California are present at a level that poses a significant risk of causing cancer or reproductive toxicity.

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

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This MSDS data relates only to the material designated and does not relate to its use with any other material or process. The data is believed to be accurate. However, since use conditions vary and are outside our control, Stearns Packaging Corporation makes no warranties, expressed or implied, and assumes no liability for failure to follow directions and safety precautions.