

# MATERIAL SAFETY DATA SHEET

## SECTION 1 PRODUCT IDENTIFICATION

Flynn Distributors  
3646 Zoar Road  
Snellville, GA 30039  
Inquiry Phone: 1 770 714 8656  
Emergency Phone: (800) 535-5053  
Prepared on 01/30/08

**PRODUCT NAME: BIG DOG Degreaser**  
**PRODUCT CODE: 22525**

NFPA hazard codes:                      NFPA acute hazard rating:  
0 = Least                      3 = High                      Health:                      2  
1 = Slight                      4 = Extreme                      Flammability:                      0  
2 = Moderate                      Reactivity:                      1

## SECTION 2 CHEMICAL COMPOSITION

Note: List all CERCLA hazardous substances at 1% or greater and CARCINOGENS at 0.1% or greater.

INGREDIENT (chemical name)	CAS#	% range	TLV / PEL	TWA	STEL / Ceiling Skin
Sodium Hydroxide	1310-73-2	<10	2mg/m <sup>3</sup>	N/A	2mg/m <sup>3</sup>
Sodium Metasilicate	6834-92-0	<5	N/A	N/A	N/A
Sodium Ethylenediamina Tetraacetate	64-02-8	<5	N/A	N/A	N/A
Nonylphenol ethoxylate	9016-45-9	<5	N/A	N/A	N/A
2-Butoxyethanol	111-76-2	<20	50 ppm	25 ppm	50 ppm *

Note: Sodium Hydroxide is a SARA TITLE III SECTION 304 materials subject to reporting by user within the manufacturing section.

\* OSHA requires skin protection to prevent or reduce exposure to this product.

EYE CONTACT: Immediately flush with large amounts of water for at least 15 minutes, lifting upper and lower lids occasionally. Get immediate medical attention. SKIN CONTACT: Immediately flush exposed area with water for at least 15 minutes. If irritation occurs, get medical attention. INHALATION: Remove individual to fresh air. If symptoms persist, get immediate medical attention. INGESTION: Do not induce vomiting. Dilute by giving water and fruit juice. Get immediate medical attention.

NOTE TO PHYSICIAN: Contains Sodium Hydroxide and 2-Butoxyethanol.

## SECTION 4 PHYSIOLOGICAL EFFECTS

PRIMARY ROUTE(S) OF ENTRY INTO BODY: Skin contact, Ingestion.

ACUTE EFFECTS: Eyes: Redness, watering. Skin: Redness, irritation. Inhalation: Irritation, coughing. Ingestion: Burning sensation, nausea.

CHRONIC EFFECTS: Causes liver and kidney damage.

## SECTION 5 OCCUPATION CONTROL PROCEDURES

VENTILATION: Local exhaust.

PERSONAL PROTECTION:

Respirator type: None required if concentration is below TLV/PEL. Otherwise use NIOSH approved CCROV or better respirator.

Gloves: Chemical resistant gloves recommended.

Eye Protection: Chemical splash goggles.

## SECTION 6 PHYSICAL DATA

Appearance/odor: Clear red / butyl

Physical state: Liquid

Boiling Point: 212° F

Freeze Point: 30° F

Specific Gravity: 1.13

pH concentrate: 13.7

1% pH dilution: 12.4

Solubility in water: Complete

Vapor pressure: 17 mmHg

Vapor density (air=1): >1

Evaporation rate (water = 1): >1

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## SECTION 7 FIRE & EXPLOSION DATA

Flash point: None.

Method: T.C.C.

Flammable (explosive) limits in air: N/A.

Suitable extinguishing media: Water / foam.

Hazardous combustion bi-products: Carbon Monoxide.

Recommended fire fighting procedures: Firefighters should wear waterproof protective clothing.

Unusual fire & explosive hazards: None.

## SECTION 8 REACTIVITY DATA

Stability: Stable.

Conditions to avoid: Extreme high heat.

Hazardous decomposition products: None.

Hazardous polymerization: Will not occur.

Incompatibility:

Material to avoid: Strong acids.

Corrosive action on material: Moderate on soft metals such as aluminum.

## SECTION 9 STORAGE & HANDLING PRECAUTIONS

Storage: Store at temperatures below 120° F. Do not allow to freeze.

Handling: Wear proper gloves, boots, eye and face protection when handling.

Precautionary labeling: Corrosive.

## SECTION 10 ENVIRONMENTAL INFORMATION

Spill or leak procedures:

Small spill/leak: Neutralize with vinegar or citric acid.

Large spill/leak: Mop up excess. Neutralize with vinegar or citric acid. Collect solution in containers for disposal.

Spill reportable quantity: 10,000 pounds or more.

Waste disposal method: Consign to waste facility approved by federal, state, and local regulations.

RCRA or appropriate waste classification: By characteristic.

Procedures for handling empty containers: Triple rinse.

Environmental toxicity data: Biodegradable.

Other regulatory controls:

Is material classified under the CLEAN WATER ACT (USA) or appropriate water regulations as:

Toxic pollutant? No.

Hazardous substance (SECTION 302)? No.

If yes, reportable quantity (R.Q.). N/A.

Is material classified under the CLEAN AIR ACT (USA) or appropriate CLEAN AIR regulations as:

Hazardous air pollutant (SECTION 12)? No.

## SECTION 11 PRODUCT IDENTIFICATION

Indicate country/regulatory agency which specifies requirements: USA-DOT/ IMO

Proper shipping name: COMPOUND, CLEANING, LIQUID (containing Sodium Hydroxide)

Hazard class: 8

Identification number: NA1760

Packing Group: II

Labels required: Product, Corrosive

PRODUCT NAME: BIG DOG

PRODUCT CODE: 22525

PREPARED: 08/25/03