

# Material Safety Data Sheet

Tufstuff

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REVISION DATE: 11/14/2013  
CHEM TEL: 800 225 3924  
PRODUCT NUMBER: 2830

## SECTION I - IDENTIFICATION

PRODUCT NAME: Tufstuff

PRODUCT CODE: 2830

PRODUCT USE: Oven Cleaner

## SECTION II - COMPOSITION/HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	OSHA PEL	ACGIH TLV
Potassium Hydroxide	1310-58-3	N/A	2 mg/m3
Propylene Glycol	57-55-6	N/A	N/A

## SECTION III - HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** Poison! Danger! Corrosive. May be fatal if swallowed. Harmful if inhaled. Causes burns to any area of contact. Reacts with water, acids and other materials.

**ROUTES OF ENTRY:** Eyes, Ingestion, Inhalation, Skin

**EYES:** May cause severe eye damage.

**INGESTION:** Ingestion of product may result in vomiting; aspiration (breathing) of vomitus into the lungs must be avoided as even small quantities may result in aspiration pneumonia.

**INHALATION:** May cause irritation to the respiratory tract.

**SKIN:** May cause burns.

**MEDICAL CONDITION AGGRAVATED:** Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure.

**CHRONIC HEALTH HAZARDS:** May cause damage to eyes (including blindness), skin, lungs, respiratory and gastrointestinal tract.

**CARCINOGENICITY:** OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

## SECTION IV - FIRST AID MEASURES

**EYES:** Immediately flush with water for 30 minutes while holding eyelids open. Seek immediate medical attention.

**INGESTION:** Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention.

**INHALATION:** Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.

**SKIN:** Immediately flush skin with lukewarm water for at least 20 minutes up to 60 minutes if necessary. Remove contaminated clothing, jewelry, and shoes. Seek medical attention immediately. Wash or discard contaminated clothing and shoes before reusing.

**NOTE TO PHYSICIAN:** None

## SECTION V - FIRE-FIGHTING MEASURES

**FLASH POINT:** Not Tested

**FLAMMABLE LIMITS IN AIR, (% BY VOLUME) UPPER:** N/A **LOWER:** N/A

**EXTINGUISHING MEDIA:** ABC Dry chemical fire extinguisher.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid contact with skin and breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None known

**HAZARDOUS COMBUSTION PRODUCTS:** Not determined

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**SECTION VI – ACCIDENTAL RELEASE MEASURES**

**SPILL:** Flood with water and neutralize with vinegar. When neutralized, wipe up spill with water, damp cloth or mop.  
**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations. Do not reuse container, triple rinse container and recycle or place in trash collection. Drums and pails should be offered for recycling.  
**RCRA STATUS:** Waste likely considered Non-hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

**SECTION VII – HANDLING AND STORAGE**

**HANDLING AND STORAGE:** Store in a cool, dry area away from other chemicals. Gloves and clothing to cover exposed skin recommended when handling. Wash clothing after handling avoid extremes of cold and heat. Keep away from children.  
**OTHER PRECAUTIONS:** None

**SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING CONTROLS / VENTILATION:** General ventilation adequate but local exhaust/ventilation preferred.  
**RESPIRATORY PROTECTION:** Not required with normal use. Wear NIOSH/MSHA approved respiratory protection if exposure limits are exceeded.  
**PROTECTIVE CLOTHING:** Safety glasses and chemical resistant gloves are recommended.  
**ADDITIONAL MEASURES:** Wash hands and clothing in contact with product after use. Neutralize with vinegar

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE:</b> Hazy viscous slightly yellow liquid	<b>ODOR:</b> Citrus
<b>PHYSICAL STATE:</b> Liquid	<b>BOILING POINT:</b> > 212°F (100°C)
<b>FREEZING POINT:</b> Not Tested	<b>VAPOR PRESSURE (mm Hg):</b> 17.5 @ 77°F (25°C)
<b>VAPOR DENSITY (AIR=1):</b> > 1 @ 77°F (25°C)	<b>EVAPORATION RATE:</b> < 1
<b>SPECIFIC GRAVITY (H<sub>2</sub>O=1):</b> 1.09 @ 77°F (25°C)	<b>pH:</b> 13-14
<b>SOLIDS (%):</b> Not tested	<b>SOLUBILITY IN WATER:</b> 100%
<b>VOLATILITY INCLUDING WATER (%):</b> > 80%	<b>VOLATILE ORGANIC COMPOUNDS (VOC):</b> 0%
<b>DIELECTRIC STRENGTH (Volts):</b> N/A	

**SECTION X – STABILITY AND REACTIVITY DATA**

**CHEMICAL STABILITY:** Stable  
**CONDITIONS TO AVOID:** Do not mix with strong acids. Reacts with metals to liberate hydrogen gas.  
**INCOMPATIBILITY:** Strong acids, strong alkalis, halogenated compounds, brass, aluminum, bronze, copper, iron, zinc, lead tin  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCT:** Carbon monoxide and unidentified organic compounds may be formed during combustion.  
**HAZARDOUS POLYMERIZATION:** Will not occur

**SECTION XI – TOXICOLOGICAL INFORMATION**

**TOXICOLOGICAL INFORMATION:** Not Available

**SECTION XII – ECOLOGICAL INFORMATION**

**ECOLOGICAL INFORMATION:** May cause shifts in water pH outside the range of pH 5-10. Change may be toxic to aquatic organisms.

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## SECTION XIII – DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations. Do not reuse container, triple rinse container and recycle or place in trash collection. Drums and pails should be offered for recycling.

**RCRA STATUS:** Waste likely considered Non-hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

## SECTION XIV - TRANSPORTATION INFORMATION

**PROPER SHIPPING NAME:** Cleaning Compound, N.O.S.

**HAZARD CLASS/DIVISION:** None

**PACKAGING GROUP:**

### AIR SHIPMENT

**PROPER SHIPPING NAME:** Corrosive Liquid, Basic, Inorganic, N.O.S., (PotassiumHydroxide)

**HAZARD CLASS/DIVISION:** 8

**UN/NA NUMBER:** UN 3266

**PACKAGING GROUP:** III

### SHIPPING BY WATER:

**VESSEL (IMO/IMDG)**

**PROPER SHIPPING NAME:** Corrosive Liquid, Basic, Inorganic, N.O.S., (PotassiumHydroxide)

**HAZARD CLASS/DIVISION:** 8

**UN/NA NUMBER:** UN 3266

**PACKAGING GROUP:** III

**NOTE:**

## SECTION XV - REGULATORY INFORMATION

**TSCA STATUS:** All Chemicals are listed or exempt.

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** None

**SARA 311/312 HAZARD CATEGORIES:** None

**SARA 313 REPORTABLE INGREDIENTS:** None

**CLEAN WATER ACT:** None

**STATE REGULATIONS:** Propylene Glycol- 57-55-6 - Right to Know Acts for New Jersey and Pennsylvania;

California Proposition 65: None

**INTERNATIONAL REGULATIONS:** All components are listed or exempted.

**NFPA HEALTH:** 3

**NFPA FLAMMABILITY:** 0

**NFPA REACTIVITY:** 1

**NFPA OTHER:** N/A

**HMIS HEALTH:** 3

**HMIS FLAMMABILITY:** 0

**HMIS REACTIVITY:** 1

**HMIS PROTECTION:** B

## SECTION XVI - ADDITIONAL INFORMATION

**PREPARATION BY:** John Holdren

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