

Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200

NFPA Fire: 0

Health: 2

Reactivity: 0

SECTION I - IDENTITY AND MANUFACTURER'S INFORMATION

Company Name, Address: **Jon-Don- 400 Medinah Road - Roselle, IL 60172**

Product Name: Unitex Powerhouse Degreaser/Cleaner

Product Number: U2660

Chemical Family: Aqueous solution of surfactants, builders and solvents

Package Size: 1, 5, 55 Gallons

EPA Reg. No: N/A

Emergency Telephone No. (800) 556-6366

International:

Preparer: GM

Date: 02/01/06

SECTION II - HAZARDOUS INGREDIENTS IDENTITY INFORMATION

Hazardous Components	CAS#	OSHA TWA	ACGIH TWA	Percent
*Water	7732-18-5	NE	NE	>85
**Ethylene glycol monobutyl ether	111-76-2	50 ppm	20 ppm	>7
*Nonyl phenoxy poly (ethyleneoxy) ethanol	9016-45-9	NE	NE	>2
*Sodium metasilicate	6834-92-0	NE	NE	<2
Tetrasodium EDTA	64-02-8	NE	NE	>2

SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

No Physical Hazards <input checked="" type="checkbox"/>	Flammable Gas <input type="checkbox"/>	Flammable Liquid/Solid <input type="checkbox"/>	Water Reactive <input type="checkbox"/>
Combustible <input type="checkbox"/>	Flammable Aerosol <input type="checkbox"/>	Pyrophoric <input type="checkbox"/>	Oxidizer <input type="checkbox"/>
Compressed Gas <input type="checkbox"/>	Explosive <input type="checkbox"/>	Unstable - Reactive: <input type="checkbox"/>	Organic Peroxide <input type="checkbox"/>

Boiling Point, °F: 212F

Solubility in Water: Complete

Evaporation Rate: 1

Vapor Pressure: ND

Specific Gravity (water =1): 1.023

pH: 12.8

Vapor Density: ND

%Volatiles by Weight: 95

Appearance and Odor:

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method): None

Flammable Limits: LEL: N/A

UEL: N/A

Extinguishing Media: N/A

Special Fire: None

Fighting Procedures:

Unusual Fire and: None

Explosion Hazards:

SECTION V - REACTIVITY DATA

Stability: Unstable
Stable

Conditions to Avoid: N/A

Incompatibility: Do not mix with strong acids or bowl cleaners. Mix only with water.
(Materials to Avoid)

Hazardous Decomposition: None

Products or Byproducts:

Hazardous Polymerization: May Occur: Will Not Occur:

Conditions to Avoid: None

Comments:

*Added to comply with the Pennsylvania Worker Right to Know Act of 1984 & the New Jersey Worker & Community Right to Know Act of 1983. Volatile Organic Compounds (VOC)=7.1% (calculated)

**This product contains one or more toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372. See the Hazardous Components in Section II.

SECTION VI - HEALTH HAZARD DATA

U2660

Route (s) of entry: Inhalation Skin: Eye: Ingestion:

No Health Hazard	<input type="checkbox"/>	Reproductive toxin	<input type="checkbox"/>	Sensitizer	<input type="checkbox"/>
Toxic	<input type="checkbox"/>	Irritant	<input type="checkbox"/>	Carcinogen	<input type="checkbox"/>
Highly Toxic	<input type="checkbox"/>	Corrosive	<input checked="" type="checkbox"/>	See Target Organs	<input checked="" type="checkbox"/>

TARGET ORGANS

Lungs	<input checked="" type="checkbox"/>	Eyes	<input checked="" type="checkbox"/>	Blood	<input checked="" type="checkbox"/>	Teratogen	<input type="checkbox"/>	Mucous Membranes	<input checked="" type="checkbox"/>
Heart	<input type="checkbox"/>	Skin	<input checked="" type="checkbox"/>	Liver	<input checked="" type="checkbox"/>	Central Nervous System	<input type="checkbox"/>	Autonomic Nervous System	<input type="checkbox"/>
Kidney	<input checked="" type="checkbox"/>	Prostate	<input type="checkbox"/>	Mutagen	<input type="checkbox"/>	Cardiovascular System	<input type="checkbox"/>	Respiratory System	<input checked="" type="checkbox"/>

Carcinogenicity: None Known NTP: IARC: OSHA Regulated

Medical Conditions Generally Aggravated by Exposure:

None known

Signs and Symptoms of Exposure:

Corrosive. Causes eye and skin damage. Harmful if swallowed, inhaled or absorbed. Possible hemolysis & hemoglobinuria with overexposure.

Emergency and First Aid Procedures:

If in eyes or on skin, immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. . Get medical attention If inhaled, remove to fresh air. Get medical attention. If swallowed, do NOT induce vomiting. Give water to drink. Get medical attention. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled:

Small amounts: Mop up and rinse with water. Large amounts: Use inert absorbent, and place in a container for disposal.

Waste Disposal Method:

Small amount: Discard in trash container. Large amount: Dispose in accordance with Local, State and Federal regulations.

Potential EPA Hazardous Waste Code(s): D002

Steps to be taken in handling and storage:

SECTION VIII - CONTROL MEASURES

Respiratory Protection(Specify Type):

Full face air-purifying cartridge respirator is optional.

Ventilation:	Local Exhaust:	Recommended	Special:	Optional
	Mechanical:	Recommended		

Protective Gloves: Required Eye Protection: Required

Other Protective Clothing and Equipment:

Chemical resistant sleeves, apron and boots or chemical resistant one-piece suit

SECTION IX - SHIPPING INFORMATION

DOT Proper Shipping Name and Number:

Not Restricted

NE = Not Established

N/A = Not Applicable

44-250

SUPPLIER Jon-Don		HAZARD RATING LIST 4-EXTREME 3-HIGH 2-MODERATE 1-SLIGHT 0-INSIGNIFICANT **SEE SECTION IV	
ADDRESS 400 Medinah Rd Roselle, IL 60172	TELEPHONE 800-556-6366		

MATERIAL SAFETY DATA SHEET

2-86

TRADE NAME (ON LABEL) Powerhouse Stripper/Degreaser	PRODUCT TYPE Alkaline liquid hard surface cleaner
CHEMICAL FORMULA Mixture	CHEMICAL NAME OR SYNONYM N/A

SECTION I - COMPOSITION

COMPONENT	CAS REG.No.	APPROX. % WT.	OSHA TLV	ACGIH TLV
Propylene Glycol Monomethyl Ether	107-98-2	1-5	N/A	100 PPM
Sodium Metasilicates	6834-92-0	3-5	N/A	N/A
Nonyl Pheno Polyethylene Glycol Ether	009016-45-9	1-2	N/A	N/A

SECTION II - PHYSICAL PROPERTIES

APPEARANCE - ODOR Clear, purple liquid w/ sassafras odor		pH 13.0	VISCOSITY (CPS.) 5.0
FREEZING POINT (°F) water, F/T stable'	BOILING POINT (°F) 212, water	VAPOR PRESSURE (mm Hg) < 18	VAPOR DENSITY (AIR = 1) < 1, water
SOLUBILITY IN WATER Complete	VOLATILE (% WT.) 90-95	SPECIFIC GRAVITY 1.04	EVAP. RATE (BUTYL ACETATE = 1) < 1

SECTION III - FIRE AND EXPLOSION HAZARD

FLASH POINT(°F) None	AUTO IGNITION TEMP. (°F) N/A	LOWER EXPLOSION LIMIT (%) N/A	UPPER EXPLOSION LIMIT (%) N/A
EXTINGUISHING MEDIUM <input type="checkbox"/> FOAM <input type="checkbox"/> ALCOHOL FOAM <input checked="" type="checkbox"/> CO2 <input checked="" type="checkbox"/> DRY CHEMICAL <input type="checkbox"/> WATER SPRAY <input checked="" type="checkbox"/> OTHER			
SPECIAL FIRE FIGHTING PROCEDURES Cool and use caution when approaching fire-exposed containers.			
UNUSUAL FIRE AND EXPLOSION HAZARDS Container may burst in heat of fire.			

SECTION IV - HEALTH HAZARD

THRESHOLD LIMIT VALUES <input type="checkbox"/> ACGIH <input type="checkbox"/> OSHA <input checked="" type="checkbox"/> NONE ESTABLISHED
PRIMARY ROUTES OF EXPOSURE <input checked="" type="checkbox"/> EYE <input checked="" type="checkbox"/> SKIN <input type="checkbox"/> ORAL <input type="checkbox"/> INHALATION
CARCINOGENS OR SUSPECTED CARCINOGENIC INGREDIENTS <input type="checkbox"/> NTP <input type="checkbox"/> IARC <input type="checkbox"/> OSHA <input checked="" type="checkbox"/> NONE
EFFECTS OF OVEREXPOSURE If in eyes: Will cause severe persistent irritation. If on skin: Will cause moderate irritation. If swallowed: May cause corrosive damage to mouth, throat or stomach. Large oral doses may cause diarrhea, intestinal bleeding. If inhaled: Spray mist or fog may cause irritation to nose, throat and lungs.
EMERGENCY AND FIRST AID PROCEDURES If in eyes: Flush with plenty of water for 15 minutes. Hold eyelids apart to ensure flushing of entire eye surface. If irritation persists seek medical attention. If on skin: Flush thoroughly with water. Wash clothing before reuse. If inhaled: Remove subject to fresh air. If distress persists contact a physician. If swallowed: Wash mouth with water. Give large amounts of water or milk to drink. Call a physician. Never give anything by mouth to an unconscious person.

STABILITY <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE		CONDITIONS TO AVOID UNK
HAZARDOUS DECOMPOSITION PRODUCTS Thermal decomposition may yield oxides of carbon.		
HAZARDOUS POLYMERIZATION <input type="checkbox"/> MAY OCCUR <input checked="" type="checkbox"/> WILL NOT OCCUR		CONDITIONS TO AVOID UNK
INCOMPATIBILITY (MATERIALS TO AVOID) <input type="checkbox"/> WATER <input checked="" type="checkbox"/> OTHER Strong acids (e.g. Muriatic Acid)		

SECTION VI - SPILL OR LEAK PROCEDURE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

For minor spills which can be handled routinely, mop up as much as possible, then flush residue into sanitary sewer system. For large spills collect with suitable absorbant, sweep up and place bulk material in container for disposal under current state, local and federal regulations.

WASTE DISPOSAL METHODS Waste from normal product use can be flushed to sanitary sewer which leads to sewage treatment facility. Undiluted, this product is regulated and RCRA for disposal as a corrosive waste. Regulated quantities should be disposed of by neutralization at a permitted facility in accordance with federal, state, local regulations.

SECTION VII - SPECIAL PROTECTION

VENTILATION TYPE General room ventilation is normally adequate. Substantial misting can be controlled with local exhaust.

RESPIRATORY PROTECTION
Not required under normal use conditions. If mists are not controlled by local exhaust, use NIOSH approved respiratory equipment.

PROTECTIVE GLOVES Impervious EYE PROTECTION
Safety glasses if splashing likely

OTHER PROTECTIVE EQUIPMENT
Use good personal hygiene practices. Eye wash, safety shower

SECTION VIII - STORAGE AND HANDLING

Keep from freezing. Store at 50° - 120°F. Protect food products and packagin before using this product.

SECTION IX - SHIPPING

PROPER SHIPPING NAME: Compound, Cleaning, Liquid, NOI
U.S. DOT HAZARD CLASS: Not regulated by DOT
U.S. DOT I.D. No. : None
LABEL REQUIREMENTS: None

SECTION X - MISCELLANEOUS

N/A

ABBREVIATIONS: N/A : NOT APPLICABLE UNK : UNKNOWN
 N/D : NOT DETERMINED < : LESS THAN
 N/E : NOT ESTABLISHED > : GREATER THAN

PREPARED BY Edward Rimkus	DATE 7/3/91	SUPERCEDES 9/1/88
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