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EMERGENCY: INFOTRAC 1-800-535-5053 24 HOURS/DAY, 7 DAYS/WEEK
This MSDS Complies With 29 CFR 1910.1200 (The Hazard Communication Standard)

SECTION I – PRODUCT IDENTIFICATION

Product Name: UltraKlean FSW
Generic ID: Alkaline Cleaner Concentrate
DOT Hazard Classification: Not applicable

SECTION II – HAZARDOUS INGREDIENTS

This product contains no ingredients listed as carcinogenic by NTP, IARC, or OSHA.

Hazardous Components:	OSHA	ACGIH	Other Limits	%
	PEL	TLV	Recommended	Optional
Potassium Hydroxide (Caustic Potash) CAS#: 1310-58-3 Ceiling	N/E	2mg/m3	None	4-8 %
Sodium Metasilicate CAS#: 6834-92-0	N/E	N/E	None	2-4 %
Dipropylene Glycol Monomethyl Ether CAS#: 34590-94-8 100 ppm–skin 100 ppm-skin			(1)	4-8 %
Soda Ash CAS#: 497-19-8	N/E	N/E	None	2-6 %
Decethposphate CAS#: 52019-36-0	N/E	N/E	None	1-3 %
Octylphenoxy polyoxy CAS#: 9036-19-5	N/E	N/E	None	1-3%
2 (Hydroxymethyl amino) Ethanol	N/E	N/E	None	> 0.5%

(1): Skin absorption may contribute to the overall absorption of this material. Appropriate measures should be taken to prevent absorption so that the PEL/TLV are not invalidated. See section V OSHA/ACGIH Short Term Exposure Limit (STEL) on Diopropylene Glycol Monoethyl Ether is 150 ppm.

(2): Severe eye irritant. See effects of overexposure.

N/E = None Established

SECTION III – PHYSICAL DATA

Boiling Point: 212 °F
Vapor Pressure: Same as water
Specific Gravity: 1.017-1.116
Evaporation Rate: Same as water
Appearance: Clear, watery
State: Liquid
Vapor Density: Not determined
Solubility in Water: Completely
pH (diluted 20:1) 11.5

SECTION IV – FIRE AND EXPLOSION INFORMATION

Flash Point: None

Explosive Limit: None known – exposure to extreme heat will build up pressure in closed containers.

Extinguishing Media: Foam, dry chemical, CO₂, and water fog.

Hazardous Decomposition Products: May form toxic materials: Carbon dioxide, carbon monoxide, and various hydrocarbons, etc.

Fire Fighting Procedures: Use full protective equipment including self-contained breathing apparatus.

NFPA Codes: HEALTH – 1

FLAMMABILITY – 0

REACTIVITY – 0

SECTION V – HEALTH HAZARD DATA

Effects of Acute Overexposure:

Eyes: Can cause severe irritation possibly resulting in eye damage.

Skin: Can cause irritation, defatting, and dermatitis.

Inhaled: Excessive inhalation of vapors can cause nasal and respiratory irritation and central nervous effects.

Ingested: Practically non-toxic.

FIRST AID:

Skin: Wash thoroughly with water for 15 minutes while removing contaminated clothing and shoes. Seek medical attention. Wash clothing before re-use.

Eyes: Flush with large amounts of water for at least 15 minutes and seek medical attention immediately.

Inhaled: Remove to fresh air. If not breathing, give artificial respiration, preferably by mouth-to-mouth. If breathing is difficult, give oxygen and get medical attention.

Ingested: DO NOT induce vomiting. If unconscious, dilute by giving several glasses of water. Call a physician immediately.

Primary Route (s) of Entry: Inhalation, skin absorption, skin and eye contact.

Effects of Chronic Overexposure: Overexposure to components of this material apparently have been found the following effects in lab animals; liver abnormalities, severe irritation to eyes, resulting in eye damage and kidney damage.

SECTION VI- REACTIVITY DATA

Hazardous Polymerization: Will not occur

Stability: Stable

Incompatibility: Strong acids and nitrates

SECTION VII – SPILL OR LEAK PROCEDURES

Steps to be taken in case Material is Released or Spilled: Apply an absorbent or use a mop and water to clean up.

Waste Disposal Method: Dispose of in accordance with all local, state, and federal regulations.

SECTION VIII – PROTECTIVE EQUIPMENT

Respiratory Protection: Normally not required

Protective Gloves: Nitrile/rubber gloves

Eye Protection: Chemical safety goggles or glasses with side shields.

Other Protective Equipment: To prevent prolonged or repeated skin contact, and wear impervious clothing and boots.

SECTION IX – SPECIAL PRECAUTIONS

Avoid eye contact. **DO NOT** use with strong acids or strong oxidizing agents. Keep from freezing. Keep out of the reach of children!!

SECTION X-REGULATORY INFORMATION

All components of this product are on the U.S. TSCA inventory.

Superfund Amendments and Reauthorization Act of 1986 Title 111 (Emergency Planning and Community Right to Know Act) Section 313: To the best of our knowledge this product does not contain chemicals at levels which require reporting under this statute.

Sections 311 and 312

Delayed (chronic) Health Hazard : NO

Fire Hazard : NO

Immediate (Acute) Health Hazard : YES

Reactive Hazzard : Strong Acids and Nitrates

Sudden Release of Pressure Hazard :NO

Prepared By: Sharon L. Haiser

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