

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

TRADE NAME (as labeled): ER/4
Description: Concentrated Emulsion Remover

DATE PREPARED/ REVISED:

October 05, 2009

MANUFACTURER'S NAME

Chemical Consultants, Inc.
1850 Wild Turkey Circle
Corona, CA 92880-1799 USA

PREPARER

H.S.D.

PHONE NUMBER:
(951)735-5511

II. COMPONENT SAFETY DATA

Chemical Names	CAS Numbers	%	ACGH TLV	OSHA PEL	Other (specify)
Periodate Salt	7790-28-5	<10	Not Est'd	Not Est'd	

Exposure Limits in Air (give units)

III. PHYSICAL PROPERTIES

Vapor density (air =1):	>1	Melting point or range, °F	27
Specify gravity:	1.033	Boiling point or range, °F	211
Solubility in water:	100%	Evaporation rate (butyl acetate =1):	<1.0
Vapor pressure, mmHg at 20 °C:	17.5 (Water)	pH (1% solution):	3.6

Appearance and odor:
Clear liquid with slight odor.

IV. FIRE AND EXPLOSION

Flash point, °F (give method): None

Auto ignition temperature, °F: None

Flammable limits in air volume %: lower (LEL) None upper (UEL) None

Fire extinguishing materials: water spray _____ carbon dioxide _____ other _____
foam _____ dry chemical _____

Special fire fighting procedures:
None

Unusual fire and explosion hazards:
None

V. REACTIVITY DATA

Stability: Stable Unstable _____

Conditions to avoid:
None

Incompatibility (materials to avoid):
Reducing agents, caustic materials, bleach.

Hazardous decomposition products (including combustion products):
None Known.

Hazardous polymerization: May occur _____ Will not occur

Conditions to avoid:
None known.

VI. HEALTH HAZARD INFORMATION**SYMPTOMS OF OVEREXPOSURE** for each potential route of exposure.**Inhaled:** None Known.**Skin:** May irritate or absorb through skin.**Swallowed:** Will cause stomach irritation.**HEALTH EFFECTS OR RISKS FROM EXPOSURE:** Explain in lay terms.**Acute:** Eyes: Moderate irritant. Skin: May irritate.**Chronic:** Dermatitis, eczema.**FIRST AID EMERGENCY PROCEDURES:****Eye contact:** Flush immediately with fresh water for at least 15 minutes. Contact a physician.**Skin contact:** Remove contaminated clothing. Wash with soap and water. If irritation occurs, seek medical aid.**Inhaled:** None.**Swallowed:** Induce vomiting. Drink large quantities of milk or water. Seek medical aid.**CARCINOGENICITY?** YES: _____ NO:

This product's ingredients are found in this list. Federal OSHA _____ NTP _____ IARC _____ ACGIH _____

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing skin conditions.**VII. SPILL, LEAK, AND DISPOSAL PROCEDURES****Spill response procedures (include employee protection measures):** Small spills may be wiped. Large spills may be water rinsed and flushed to drain.**Disposal Methods:** May be supplied to biological treatment plant.**NOTE:** Dispose of all wastes in accordance with federal, state, and local regulations.**VIII. SPECIAL HANDLING PROCEDURES****Respiratory protection (type):** None required under normal use conditions**Ventilation and engineering controls:** None required.**Eye protection (type):** Safety glasses.**Gloves (specify material):** Nitrile gloves to prevent direct skin contact.**Other clothing and equipment:** Adequate protective clothing to prevent skin contact.**Work practices, hygienic practices:** Wash skin with soap and water thoroughly after handling.**Other handling and storage requirements:** Protect from freezing. pH of 1% solution= 3.6 Slightly acidic do not store in metal containers.**IX. REPORTING REQUIREMENTS & ADDITIONAL INFORMATION**

HMIS Code System Rating = Health 1; Flammability 0; Reactivity 0.

NFPA 704 Code System = Health 0; Flammability 0; Reactivity 0;

Volatile Organic Compound (VOC) = None

This product contains no chemicals subject to the reporting requirements of SARA Title III, Section 313.

This product contains no Proposition 65 designated chemicals.

Non-Photochemically reactive.

Biodegradable, considered drain safe into all sewer systems

Contains no chlorinated or petroleum hydrocarbons.