

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

TRADE NAME (as labeled): ER/35®
Description: Concentrated Emulsion Remover

DATE PREPARED/ REVISED:

May 09, 2008

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	%	Exposure Limits in Air (give units)		Other (specify)
			ACGH TLV	OSHA PEL	
Periodate Salt	7790-28-5	< 15	Not est'd	Not est'd	

III. PHYSICAL PROPERTIES

Vapor density (air =1):	> 1	Melting point or range, °F	27
Specify gravity:	1.063	Boiling point or range, °F	211
Solubility in water:	100%	Evaporation rate (butyl acetate =1):	> 1
Vapor pressure, mmHg at 20 °C:	17.5 (water)	pH (1% solution):	3.1
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) Unknown upper (UEL) Unknown

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:

Sunlight

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: May cause irritation of mucous membranes, nose, eyes and throat.

Skin: May cause irritation to the skin. Eye contact: Low concentrations of mists or vapors can be irritating, causing redness. Concentrated mists, vapors or splashed liquid can cause severe irritation.

Swallowed: May be harmful if swallowed. May cause irritation of the digestive tract, nausea.

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): Large spills should be diked and material recovered or discarded appropriately. Absorb small spills with absorbent materials. Use appropriate personal protective equipment during clean up.

Disposal Methods: May be supplied to biological treatment plant or incinerated.

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: General ventilation recommended.

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.

IX. REPORTING REQUIREMENTS & ADDITIONAL INFORMATION

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

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

Volatile Organic Compound (VOC) = None

This product contains no chemicals subject to the reporting requirements of SARA Title 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.