

# 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:  
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## 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.