

Micel, Inc. 1240 N. Knollwood Circle Anaheim, CA 92801

**MATERIAL SAFETY DATA SHEET**

N.F.P.A. Rating: Health (0), Flammability (0), Reactivity (0)

**I. PRODUCT IDENTIFICATION**

Trade name (as labeled): AC-38

Chemical names, common names: Powder Detergent Compound

Manufacturer's name: MICEL, INCORPORATED

Address: 1240 N. KNOLLWOOD CIRCLE, ANAHEIM, CA 92801

Emergency phone: 1-800-424-9300

Name of preparer\*: Technical dept.

Business phone: 714/995-3300

Date prepared: August 31, 1993

**II. HAZARDOUS INGREDIENTS**

<u>Chemical Names</u>	<u>CAS Numbers</u>	<u>Percent*</u>	<u>Exposure Limits in Air</u>		
			<u>ACGIH(TLV)</u>	<u>OSHA(PEL)</u>	<u>OTHER</u>
Sodium Tetraborate	10043-35-3	>40%	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	
Tetrasodium Pyrophosphate	7722-88-5	>30%	5 mg/m <sup>3</sup>		
EPH Glycol Ether		>1%			(1)

(1) This chemical is subject to the reporting requirements of Section 313 of Sara Title III.

**III. PHYSICAL PROPERTIES**

Vapor density (air=1): N/A      Melting point or range, F: N/A  
Specific gravity: N/A      Boiling point or range, F: N/A  
Solubility in water: Complete  
Vapor pressure, mmHg at 20°C: N/A  
Evaporation rate (butyl acetate=1): N/A  
Appearance and odor: White powder with slight solvent odor.

HOW TO DETECT THIS SUBSTANCE\* (warning properties of substance as a gas, vapor, dust, or mist):

**IV. FIRE AND EXPLOSION**

Flash Point, F (give method): Non-flammable.  
Auto-ignition temperature, F: N/A  
Flammable limits in air, volume %: lower N/A upper N/A  
Fire extinguishing materials:  
X water spray      X carbon dioxide      other:  
X foam      X dry chemical

Special fire fighting procedures: None.

Unusual fire and explosion hazards: None.

N/A = Not Available

## V. HEALTH AND HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure.

Inhaled: No adverse effect.

Contact with skin or eyes: Eye contact may cause irritation. Skin irritation may result from contact; the latter may cause chronic dermatitis on prolonged contact.

Absorbed through skin: Only if skin is broken, enough of this product may be absorbed to cause poisoning.

Swallowed: If swallowed, may cause acute or chronic effects, initial symptoms are nausea and diarrhea. This may be followed by weakness, depression, headaches, skin rashes, drying skin, cracked lips, and loss of hair. Seek medical attention immediately.

Acute: Inhalation: sneezing or coughing.

Eyes: Slight irritation.

Skin: Irritation - prolonged contact may cause chronic dermatitis.

Ingestion: Diarrhea, nausea, headaches, skin rashes.

Chronic: Inhalation: Coughing

Eyes: Slight irritation

Skin: Prolonged contact may cause chronic dermatitis.

Ingestion: Diarrhea, nausea, headaches, skin rashes.

### FIRST AID: EMERGENCY PROCEDURES

Eye Contact: Get medical attention immediately, flush with copious amounts of water for at least 15 minutes. (30 minutes if physician is not readily available), holding eye lids apart.

Skin Contact: Flush with water, remove contaminated clothing under shower, do not use chemical neutralizers, get medical attention unless burn is minor.

Inhaled: Remove to fresh air.

Swallowed: Get medical attention immediately.

### SUSPECTED CANCER AGENT?

\_NO: This product's ingredients are not found in the lists below.

YES: \_Federal OSHA \_NTP \_IARC X\_Cal/OSHA(see note)\*

NOTE: California employers using Cal/OSHA-regulated carcinogens must register with Cal/OSHA.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

RECOMMENDATIONS TO PHYSICIAN: Ingestion: If victim is conscious, give warm salty or soapy water to induce vomiting; repeat until vomitus is clear, additional water may be given to wash out stomach.

## VI. REACTIVITY DATA

Stability:       X Stable                               Unstable

Conditions to avoid: N/A

Incompatibility (materials to avoid):    Can chemically react with acids producing heat.

Hazardous decomposition products (including combustion products): None.

Hazardous polymerization:       May occur           X Will not occur  
Conditions to avoid: Store in cool dry area.

## VII. SPILL, LEAK AND DISPOSAL PROCEDURES

Spill response procedures (include employee protection measures):  
protective clothing - clean up spills immediately - collect the spilled material in approved closed container for reuse, otherwise the container should be labeled, and removed to an approved chemical waste disposal area. Flush spill area with large amounts of water.

Preparing wastes for disposal (container types, neutralization, etc.):  
Dispose in accordance with all Federal, State and Local regulation concerning health and pollution. Dispose of material in an approved waste disposal area.

NOTE: Dispose of all wastes in accordance with all federal, state and local regulations.

## VIII. SPECIAL HANDLING INFORMATION

Ventilation and engineering controls: Local exhaust.

Respiratory protection: Nuisance dust mask.

Eye protection (Type): Chemical splash goggles.  
Glove (specify material): Gloves coated with rubber, synthetic elastomers, or chemical resistant.  
Other clothing and equipment: Rubber aprons to prevent skin contact.

Work practices, hygienic practices: Practice reasonable caution and personal cleanliness.

Other handling and storage requirements: Dry indoor storage.

Protective measures during maintenance of contaminated equipment: None.

## IX. LABELING

Labeling (precautionary statements)\*:

D.O.T. Label\*:

\*Not required. Space has been provided on this form for optional use

MSDS\AC38  
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