



Safety Data Sheet

1. Product Identification

- a. Product Name:** Robanol JEM
- b. Chemical Description:** Mixed C8 Amphocarboxylates
- c. Product Uses:** Low Foaming Detergent
- d. Emergency Number:** 800-633-8253 Cust# 8812
- e. Distributor:** Roberts Chemical Co., Inc.
330-B Victor Road
Attleboro, MA
508-409-0220

2. Hazards Identification

- a. Hazard Classification:** CATEGORY 1 - Serious Eye Damage

- b. Pictograms:**



- c. Signal Word:** WARNING!
- d. Hazard Statement:** H318: Causes serious eye damage

e. Precautionary Statements:

Prevention:
P280: Wear protective gloves/protective clothing/eye protection/face protection.
Response:
P305+351+338: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+313: If eye irritation persists: Get medical advice/attention.
Storage:
P401: Store in an area between 10-49°C
P404: Store in a closed container.
P420: Store away from strong oxidizing agents and reducing agents
Disposal:
P501: Dispose of contents/container in accordance with local regulations.

f. HMIS Rating:

Health: 1 - Slight Hazard
Flammability: 1 - Slight Hazard

Reactivity: 0 - Minimal Hazard

Personal Protection: B - Safety Glasses, Gloves

3. Composition/Information on Ingredients		
Component	CAS #	Wt. %
Water	7732-18-5	62.0-65.0
Sodium mixed C8 amphocarboxylates	Proprietary	27.5-30.0
Sodium Chloride	7647-14-5	5.0-6.0
Methanol	67-56-1	<2.0

4. First-Aid Measures

- a. Eye Contact:** Immediately flush eyes with a large amount of water for at least 15 minutes.
- b. Skin Contact:** In case of skin contact, wash thoroughly with soap and water.
- c. Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
- d. Ingestion:** Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.
- e. Further medical:** None

5. Fire-Fighting Measures

Flash Point: > 201°F
This product does not sustain combustion.

a. Suitable Extinguishing Media: Water fog or spray, Foam, Dry Powder, Carbon Dioxide (CO₂).

b. Hazardous Combustion Products: Oxides of carbon and nitrogen.

c. Special Precautions: Wear self contained breathing apparatus and protective gear.

6. Accidental Release Measures

a. Personal Precautions: Wear appropriate protective equipment.

b. Emergency Procedures: Ensure adequate ventilation.

c. Containment Methods/Materials: Soak up with an absorbent material.

d. Cleanup Procedures In case of spillage, absorb with inert material and dispose of in accordance with applicable regulations.

7. Handling and Storage

a. Handling Precautions: Normal precautions should be observed as for handling all chemicals.

b. Storage Conditions: Store in original sealed containers. Recommended to store between 10-49°C.

8. Exposure Controls/Personal Protection

- a. Engineering Controls:** Provide effective ventilation to draw fumes and vapors away from workers to prevent routine inhalation.
- b. Eye/Face Protection:** Wear eye/face protection. Wear safety glasses with side shields (or goggles) and a face shield. Do not get in eyes.
- c. Skin Protection:** Wear appropriate chemical resistant clothing and gloves.
- d. Respiratory Protection:** When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial recommendations.
Use a respirator with an approved filter if a risk assessment indicated this is necessary.
- e. Exposure Limits:** OSHA PEL: Methanol
TWA (200 ppm/ 260 mg/m³) - OSHA Z-1
TWA (500 ppm/ 260 mg/m³) - OSHA Z-1-A
STEL (250 ppm/ 325 mg/m³) - OSHA Z-1-A
ACGIH TLV: Methanol: (CAS 67-56-1) < 6000ppm (NIOSH IDLH)
< 15 mg/L (ACGIH)

9. Physical and Chemical Properties

a. Appearance	Clear Yellow Liquid	j. Flammability Limit	N/D
b. Odor	Characteristic	k. Vapor Pressure	N/D
c. Odor Threshold	N/D	l. Vapor Density(Air=1)	N/D
d. pH	10.0-10.5 (as is)	m. Rel. Density(Water=1)	1.13
e. Melting Point	N/A	n. Solubility	Soluble
f. Boiling Point	Approx. 212°F	o. Partition Coefficient	N/D
g. Flash Point	> 201°F	p. Auto-Ignition Temp	N/A
h. Evaporation Rate	N/A	q. Decomposition Temp	N/D
i. Flammability	N/A	r. Viscosity (25°C)	<1,000 cps

10. Stability and Reactivity

- a. Reactivity:** Stable at room temperature, no reaction risk.
- b. Chemical Stability:** Stable under normal ambient temperature and conditions.
- c. Conditions to Avoid:** Keep away from heat, sparks and flame.
- d. Incompatible Materials:** Strong oxidizing agents and reducing agents.
- e. Hazardous Decomposition:** Oxides of carbon and nitrogen.

11. Toxicological Information

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|----------------------------------|--|
| a. Routes of Exposure | Eye: Irritant
Skin: Irritant
Inhalation: Unknown
Ingestion: Unknown |
| b. Acute Oral Toxicity: | No Data |
| c. Acute Dermal Toxicity: | No Data |
| c. Exposure Effects: | N/A |
| d. Exposure Symptoms: | Irritation to skin and eyes. |
| e. Carcinogenicity: | No data available |

12. Ecological Information

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| a. Ecotoxicity Data: | N/D |
| b. Persistence and Degradation: | Expected ultimate aerobic biodegradability. |
| c. Bioaccumulative Potential: | No Information Available |

13. Disposal Considerations

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|-----------------------------|---|
| a. Disposal Methods: | Not classified as a hazardous waste. Dispose of according to applicable environmental regulations. All wastes must be handled in accordance with local, state, and federal regulations. Regulations vary by location. |
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14. Transportation

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|------------------------------------|---------------|
| a. UN Proper Shipping Name: | N/A |
| b. Transport Hazard Class: | NOT REGULATED |
| c. Environmental Hazards: | N/A |

15. Regulations

Contents of this SDS comply with the OSHA Hazard Communication Standard 29CFR 1910.1200

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| a. TSCA Status: | Listed |
| b. Prop 65: | WARNING: This product contains a chemical known in the State of California to cause birth defects or other reproductive harm.
Methanol (67-56-1) <2%,
Dichloroacetic Acid (CAS 79-43-6) <10ppm |
| c. Clean Air Act, Section 112: | This product does not contain any Hazardous Air Pollutants (HAPs). |
| d. SARA 302 Extremely Hazardous Substance: | Methanol |
| e. SARA 311 Hazardous Substance: | Yes |

16. Other Information

Revision Date: 7/12/18

Prepared by: Taylor Morgan

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