

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

This SDS is used for the following Arcot products and the various versions of each formula:

#6827 Max-Control Soft & Sour

#9522 Soft & Sour

Manufacturer: Arcot Manufacturing Corporation, 2950 Mowery Road, Houston, Texas, U.S.A. 77045

Arcot Customer Service Telephone: 713-413-9700

Website: www.ArcotManufacturing.com

Recommended Use: Fabric Softener & Laundry Sour

Restrictions On Use: For commercial use only. Do not use this product on silk, wool, nylon or other sensitive fabrics.

2. HAZARDS IDENTIFICATION

Health hazards

Eye damage/irritation - Category 1

Skin corrosion/irritation – Category 2

Environmental hazards

Hazardous to the aquatic environment, acute hazard - Category III

Label elements



Signal Word: **DANGER**

Hazard Statements:

H315: Causes skin irritation.

H318: Causes serious eye damage.

H401: Toxic to aquatic life.

Precautionary statements:

Prevention:

P102: Keep out of reach of children.

P233: Keep container tightly closed.

P234: Keep only in original container.

P235: Keep cool.

P260: Do not breathe mist, vapors or spray.

P262: Do not get in eyes, on skin, or on clothing.

P264: Wash skin thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

- P273: Avoid release to the environment.
 P280: Wear protective gloves, protective clothing and eye protection or face protection.

Response:

- P305 + P351 + P338 + P310: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a doctor or an ophthalmologist.
 P301 + P330 + P331 + P314: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical attention if you feel unwell.
 P303 + P352 + P361 + P364: IF ON SKIN (or hair): Wash with plenty of water. Take off immediately all contaminated clothing and wash it before reuse.
 P304 + P340 + P312: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.
 P315: If any irritation persists, get immediate medical attention.
 P370 + P378: In case of fire: Use water spray, alcohol-resistant foam, carbon dioxide (CO₂) or dry chemical to extinguish.

Storage:

- P403: Store in a well-ventilated place.
 P404: Store in a closed container.
 P410: Protect from sunlight.
 P411: Store at temperatures not exceeding 90°F.

Disposal:

- P501: Dispose of contents and container to an approved waste disposal plant in accordance with applicable local, state, federal and international regulations.

Other Hazards: Slipping hazard.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients | CAS # | Concentration |
|--|-------------|---------------|
| Proprietary Mixture | Proprietary | Proprietary |
| Ingredients are nonhazardous and/or considered trade secrets. However, all hazardous aspects of the ingredients and of this mixture are considered and included. The exact percentage of composition has been withheld as a trade secret. This SDS is used for a group of substantially similar mixtures. | | |

4. FIRST-AID MEASURES

Inhalation: Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact: Take off immediately all contaminated clothing. Wash with plenty of water. Get medical attention if irritation develops and persists.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Ingestion: Rinse mouth. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed: Exposed individuals may experience eye tearing, redness, and discomfort.

Indication of immediate medical attention and special treatment needed: Provide general supportive measures and treat symptomatically. Symptoms may be delayed.

General information: Take off all contaminated clothing immediately. Wash contaminated clothing before reuse.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water fog. Alcohol resistant foam. Water fog. Carbon dioxide (CO₂). Dry chemical powder, sand or earth may be used for small fires only.

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical: During fire, gases hazardous to health may be formed. May react with certain metals, releasing potentially explosive hydrogen gas.

Special protective equipment and precautions for firefighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire-fighting equipment/instructions: In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

Specific methods: Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards: Spills may cause slippery surfaces. Gases hazardous to health may be formed.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Transfer by mechanical means such as vacuum truck to a salvage tank or other suitable container for recovery or safe disposal. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up:

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Spilled material may be diluted with water and neutralized with dilute or weak base such as soda ash, sodium bicarbonate or lime, then absorbed and collected. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions: Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination.

7. HANDLING AND STORAGE

Precautions for safe handling: Protect material from direct sunlight. Do not eat, drink or smoke when using this product. Avoid breathing mist. Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Avoid release to the environment. Do not empty into drains.

Conditions for safe storage, including any incompatibilities: Keep away from heat. Store in original tightly closed container. Store in a cool, dry place out of direct sunlight at temperatures between 50°F and 90°F. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate engineering controls: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

Individual protection measures, such as personal protective equipment:

Eye/face protection: Wear safety glasses with side shields or chemical splash goggles.

Hand protection: Wear impermeable protective gloves.

Skin protection

Other: Wear suitable protective clothing.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment. If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

Thermal hazards: Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations: When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|------------|---|
| Appearance | Physical state: Liquid. Form: Liquid. Color: light blue, yellow or amber. |
| Odor | Pleasant or light oily scent. |

| | |
|---|--|
| Odor threshold | Not available. |
| pH | 4 |
| Melting point/freezing point | Not available |
| Initial boiling point and boiling range | Not determined |
| Flash point | Not available. (Product is not flammable.) |
| Evaporation rate | Estimated slower than ethyl ether |
| Flammability (solid, gas) | Not available |
| Upper/lower flammability or explosive limits: | |
| Flammability limit – lower (%) | Not available |
| Flammability limit – upper (%) | Not available |
| Explosive limit – lower (%) | Not available |
| Explosive limit - upper (%) | Not available |
| Vapor pressure | Not Determined or Unknown |
| Vapor density | Estimated heavier than air. |
| Relative density | Specific gravity is approximately 1. |
| Solubility | miscible in water |
| Auto-ignition temperature | Not available |
| Decomposition temperature | Not available |
| Viscosity | Not available |
| Other information | Density is approximately 8.3 Lb./Gal. |

10. STABILITY AND REACTIVITY

Reactivity: The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability: Material is stable under normal conditions.

Possibility of hazardous reactions: No dangerous reaction known under conditions of normal use.

Conditions to avoid: Heat. Contact with incompatible materials.

Incompatible materials: Strong oxidizing agents. Isocyanates. Chlorine. Cyanides. Sulfides. Active metals (such as magnesium).

Hazardous decomposition products: No hazardous decomposition products are known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

| | |
|--------------|--|
| Ingestion | Expected to be a low ingestion hazard. |
| Inhalation | Prolonged inhalation may be harmful. |
| Skin contact | No adverse effects due to skin contact are expected. |
| Eye contact | Causes eye irritation. |

Symptoms related to the physical, chemical and toxicological characteristics: Exposed individuals may experience eye tearing, redness, and discomfort.

Information on toxicological effects: Acute toxicity - Expected to be a low hazard for usual industrial or commercial handling by trained personnel.

Skin corrosion/irritation: Skin contact may cause irritation.

Eye damage/eye irritation: Causes serious eye irritation.

Respiratory or skin sensitization:

Respiratory sensitization: This product is not expected to cause respiratory sensitization.

Skin sensitization: This product is not expected to cause skin sensitization.

Germ cell mutagenicity: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): Not listed.

Reproductive toxicity: This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure: Not applicable.

Specific target organ toxicity - repeated exposure: Not applicable.

Aspiration hazard: Not applicable.

Chronic effects: Prolonged inhalation may be harmful.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Toxic to aquatic life.

Persistence and degradability: Expected to be inherently biodegradable.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. DISPOSAL CONSIDERATIONS

Disposal instructions: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents and container in accordance with local, regional, national and international regulations.

Waste code: The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. TRANSPORT INFORMATION

DOT: Not regulated by DOT.

Special precautions for user: Read safety instructions, SDS and emergency procedures before handling.

15. REGULATORY INFORMATION

U.S. federal regulations: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

CERCLA Hazardous Substance List (40 CFR 302.4): Not listed.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories: Immediate Hazard - Yes
 Delayed Hazard - No
 Fire Hazard - No
 Pressure Hazard - No
 Reactivity Hazard - No

SARA 302 Extremely hazardous substance: No

SARA 311/312 Hazardous chemical: Yes

SARA 313 (TRI reporting): Not listed

Other federal regulations:

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List - Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) - Not regulated.

Clean Water Act (CWA) Section 112(r) (40 CFR 68.130) - Hazardous substance

Safe Drinking Water Act (SDWA) - Not regulated.

16. OTHER INFORMATION

HMIS & NFPA Ratings: Health = 2 Fire = 0 Reactivity = 0

HMIS & NFPA ratings involve data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this SDS must be considered.

Abbreviations:

ACGIH = American Conference of Governmental Industrial Hygienists

CAS = Chemical Abstract Service
GHS = Globally Harmonized System
HCS = Hazard Communication Standard
N.A. = Not Available or Not Applicable
NIOSH = National Institute for Occupational Safety & Health
PEL = Permissible Exposure Limit
RTECS = Registry of Toxic Effects of Chemical Substances
STEL = Short Term Exposure Limit
TLV = Threshold Limit Values
TWA = Time Weighted Average limit or ceilings (C) (exposure limit)

DISCLAIMER: The information contained herein is based upon data obtained from sources believed to be reliable and reflects our best professional judgment. Since it is impossible to anticipate all of the conditions under which our products may be used, we do not guarantee that the recommendations will be adequate for all individuals and situations. Each user of this product should determine the suitability of the product for his or her particular purpose and should comply with all federal, state and local regulations. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. We shall not be held liable for any damage resulting from handling or from contact with the above product or from improper use of our products. We do not provide any warranties, expressed or implied, and do not assume any responsibility for the accuracy or completeness of the data contained herein. This information is offered for your information, consideration, and investigation. You should satisfy yourself that you have all current data relevant to your particular use. We update SDS and labels on a regular basis. Please do not hesitate to contact us for current information.

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