MONAGHAN CORPORATION encourages and expects you to read and understand the entire SDS, as there is important information throughout the document. We expect you to follow the precautions identified in this document unless your use conditions would necessitate other appropriate methods or actions.

**SECTION I– PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** Liquid So Soft

**Recommended use of the chemical:** Laundry Softener

*We recommend that you use this product in a manner consistent with the listed use. If your intended use is not consistent with the stated use, please contact your sales or technical service representative.*

**Company Identification:**

- Monaghan Corporation
- 2017 Dean Avenue
- Des Moines, Iowa 50317
- United States of America

**Customer Information Number:**

- Phone: (800) 538-5802
- Fax: (817) 561-1855

**Chemtrec Emergency Phone Number (24 Hour):** (800) 424-9300 USA

**SECTION II– HAZARDS IDENTIFICATION**

**GHS Classification:**

- Skin Corrosive/Irritation: Category 2
- Serious eye damage/Eye Irritation: Category 2B

**GHS Label Elements:** Hazard pictograms/symbols

**Signal Word:** Warning

**Hazard Statement:**

- H316: Causes mild skin irritation.
- H319: Causes serious eye irritation.
- H335: May cause respiratory irritation.
- H302: Harmful if swallowed

**Precautionary Statements:**

**Prevention:**

- P262: Do not get in eyes, on skin or on clothing.
- P264: Wash all exposed external body area thoroughly after handling.
- P270: Do not eat, drink, or smoke when using this product.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.
- P285: In case of inadequate ventilation wear respiratory protection.

**Response:**

- P305+P351+P338 IF IN EYES: Rinse cautiously with after for several minutes ..
- Remove contact lenses, if present and easy to do. Continue rinsing.
- P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting..
- P302+P352 IF ON SKIN: Wash with plenty of water and soap

**Storage:**

- P403+P402: Store in a well-ventilated place. Store in a dry place.

**Disposal:**

- P501: Dispose of contents/container to be specified in accordance with regulation.
SECTION III – INFORMATION OF INGREDIENTS

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS #</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dialkyldimethyl ammonium chloride</td>
<td>68391-05-9</td>
<td>N/E</td>
<td>N/E</td>
</tr>
<tr>
<td>Isopropanol</td>
<td>67-63-0</td>
<td>N/E</td>
<td>N/E</td>
</tr>
</tbody>
</table>

SECTION IV– FIRST AID AND MEASURES

Eye Contact: Immediately flush eyes with large amounts of water for 15-20 minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses, if present and easy to do. Get immediate medical attention.

Skin Contact: In case of contact with skin, immediately remove contaminated clothing. Wash the affected skin with soap and running water until no evidence of chemical remains. Consult a physician in case of persistent pain or redness.

Inhalation: Get medical attention if respiratory symptoms occur.

Swallowing: If subject is conscious, rinse mouth and administer 2-4 glasses of fresh water or milk. Do NOT induce vomiting unless directed to do so by medical personnel.

SECTION V– FIRE FIGHTING MEASURES

Specific Hazards: None known

Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.


Special Fire Fighting Procedures: Evacuate all non-essential personnel from fire area. Intervention only capable personnel who are trained and aware of the hazards of the product. Move unaffected product to a safe area if safe to do so. Wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH approved, and full protective gear.

SECTION VI– ACCIDENTAL RELEASE MEASURES

Precautions: Avoid materials and products which are incompatible with the product (see section 10). Avoid direct contact of the product with moisture, except for emergencies and clean up. Avoid contact with skin and eyes.

Cleanup Methods

Small Spills: Absorb with earth, sand or other non-combustible and transfer to containers for later disposal. 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.

Large Spills: Do not release into sewers or waterways. Clean spill area with large quantities of water. Follow applicable OSHA regulations (29 CFR 1910.120).
SECTION VII– HANDLING AND STORAGE

Handling: Use good personal hygiene while using this product. Wash hands and arms thoroughly after handling. Remove contaminated clothing and wash before reuse. Do Not handle or store near an open flame, hear or other sources of ignition. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with skin and eyes.

Storage: Keep container tightly closed and upright when not in use to prevent leakage. Store in a well-ventilated area. Avoid ignition sources.

Non-bulk Containers: Store containers in a cool, dry location away from direct sunlight, sources of intense heat or where freezing is possible. Store containers away from incompatible products. Empty containers should be handled with care. Never store food, feed or dinking water in containers which held chemical.

Bulk Containers: All tanks and pipelines which contain this material must be labeled. Perform routine maintenance on tanks or pipelines which contain this products. Report all leaks immediately to the proper personnel.

Tank Car Shipments: Tank cars carrying this product should be loaded and unloaded in strict accordance with tank-car manufacturer’s recommendation and all established on-site safety procedures. Appropriate personal protective equipment much be used. All loading and unloading equipment much be inspected, prior to each use. Tank car or storage tanks much be verified to be correct for receiving product and be properly prepared prior to starting the transfer operations.

SECTION VIII– EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls: Facilities storing and using this material should be equipped with eyewash facility and a safety shower.

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs.

Administrative Controls:

Eye/Face Protection: Wear protective safety glasses or chemical safety goggles with side shields per OSHA regulations (29 CFR 1910.133). Contact lenses are not protective devices.

Hand Protection: Wear appropriate protective gloves to prevent skin exposure.

Skin and Body Protection: Wear appropriate protective clothing to minimize contact with skin.

Respiratory Protection: Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

General Hygiene Protection: Handle in accordance with good industrial hygiene and safety practices. When using do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product.
SECTION IX– PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Pink Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Pink</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic</td>
</tr>
<tr>
<td>pH</td>
<td>N/A</td>
</tr>
<tr>
<td>Melting Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>212°F</td>
</tr>
<tr>
<td>Partition Range</td>
<td>N/A</td>
</tr>
<tr>
<td>Flammability Classification</td>
<td>Non-Flammable</td>
</tr>
<tr>
<td>Lower Flammable Limit in Air</td>
<td>N/A</td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>N/A</td>
</tr>
<tr>
<td>Upper Flammable Limit in Air</td>
<td>N/A</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>N/A</td>
</tr>
<tr>
<td>Pounds/Gallon</td>
<td>Gallons</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.007</td>
</tr>
<tr>
<td>Flash Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Auto Ignition Temperature</td>
<td>N/A</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>N/A</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Dispersible</td>
</tr>
</tbody>
</table>

SECTION X– STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Stable</td>
</tr>
<tr>
<td>Conditions to Avoid</td>
<td>High temperatures, open flame</td>
</tr>
<tr>
<td>Incompatibilities with other materials</td>
<td>None known</td>
</tr>
<tr>
<td>Hazardous Decomposition</td>
<td>Carbon dioxide, carbon monoxide, ammonia, hydrogen chloride</td>
</tr>
<tr>
<td>Hazardous Polymerization</td>
<td>Will not occur</td>
</tr>
</tbody>
</table>

SECTION XI– TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

- **Inhalation:** May cause respiratory tract irritation.
- **Skin Contact:** May cause skin irritation. Frequent or prolonged contact may irritate the skin and cause a skin rash.
- **Eye Contact:** May cause eye irritation.
- **Ingestion:** May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mutagenicity</td>
<td>No information available.</td>
</tr>
<tr>
<td>Epidemiology</td>
<td>No information available.</td>
</tr>
<tr>
<td>Sensitization</td>
<td>Non-Hazardous by WHMIS criteria.</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Not listed by ACGIH, IARC, NTP or CA Prop 65</td>
</tr>
<tr>
<td>Teratogenicity</td>
<td>No information available.</td>
</tr>
</tbody>
</table>
Reproductive Toxicity: No evidence of reproductive toxicity.

Aspiration: No data available.

Specific Target Organ Systemic Toxicity (Single Exposure): No data available

Specific Target Organ Systemic Toxicity (Repeated Exposure): No data available.

Mammalian Toxicity Information:

CAS# 68391-05-9 Dialkyldimethyl ammonium chloride
-No data available

CAS# 67-63-0 Isopropanol
- Dermal LD50 (Rabbit): 12800 mg/kg
- Inhalation LC (Rat): 16970 ppm/4H
- Oral LD50 (Mouse): 3600 mg/kg
- Oral LD50 (Rat): 5045 mg/kg

SECTION XII – ECOLOGICAL INFORMATION

All work practices must be aimed at eliminating environmental contamination.

CAS# 68391-05-9 Dialkyldimethyl ammonium chloride
-No data available

CAS# 67-63-0 Isopropanol
- LC50 (Pimephales promelas): 11130 mg/L (96 hr.)
- LC50 (Pimephales promelas): 9640 mg/L (96 hr. flow-through)
- LC50 (Lepomis macrochirus): 1400000 ug/L (96 hr.)
- EC50 (Desmodesmus Subspicatus): 1000 mg/L (72 hr.)
- EC50 (Desmodesmus Subspicatus): 1000 mg/L (96 hr.)

SECTION XIII – DISPOSAL CONSIDERATIONS

Disposal Instructions: Dispose of contents/container in accordance with local/region/national/international regulations

Hazardous waste code: Not established

Waste from residues/unused products: Empty container or liners may retain some product residues. This material and it’s container must be disposed of in a safe manner.

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.
SECTION XIV– TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>DOT/TDG UN STATUS:</th>
<th>Not Regulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRUM/LABEL:</td>
<td>Not Regulated</td>
</tr>
<tr>
<td>IATA/ICAO:</td>
<td>Not Regulated</td>
</tr>
<tr>
<td>IMO/IMDG:</td>
<td>Not Regulated</td>
</tr>
<tr>
<td>EMERGENCY RESPONSE GUIDELINE NUMBER:</td>
<td>Not Regulated</td>
</tr>
</tbody>
</table>

SECTION XV– REGULATORY INFORMATION

US Federal Regulations

CERLA Hazardous Substance List (4. CFR 302.4): Not Listed
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D): Not Listed
Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA Title III

Section 302 Extremely Hazardous Substance: Not Listed
Section 311/312 Hazardous Chemical: Not Listed
Section 313 Toxic Release Inventory: Not Listed
Section 304 Emergency Release Notification: Not Listed

Other Federal Regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List: None of the chemicals in this product are listed.
Clean Air Act (CAA) Section 111Accidental Release Prevention (40 CFR 68.130): None of the chemicals in this product are listed.
Safe Drinking Water Act:

US State Regulations

US Massachusetts RTK-Substance List: Not Listed
US New Jersey Worker and Community Right-To-Know Act: Not Listed
US Pennsylvania Worker and Community Right-To-Know Law: Not Listed
US Rhode Island RTK: Not Listed
US California Proposition 65 (CRT): Not Listed

International Regulations:

The components of this product are listed on the chemical inventories of the following countries: Canada (DSL or NDSL), USA (TSCA).

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.
SECTION XVI– OTHER INFORMATION

Hazard Rating System NFPA

<table>
<thead>
<tr>
<th>Health</th>
<th>Fire</th>
<th>Reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>3</td>
<td>0</td>
</tr>
</tbody>
</table>

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