

# SAFETY DATA SHEET

## microSURE™ Laundry Additive

### SECTION 1: IDENTIFICATION OF SUBSTANCE & SUPPLIER

Product Name:	microSURE™ Laundry Additive
Synonyms:	microSURE™ Laundry Additive RTU
Recommended Uses and restrictions on use:	Laundry Protectant
Company Identification:	Strategia PM 1000 Jorie Blvd. Suite 370 Oak Brook, IL 60523
Emergency Telephone Number:	CHEMTREC: 1-800-424-9300 (USA)

### SECTION 2: HAZARDS IDENTIFICATION

<b>Hazard Classification</b>	Eye Irritation – Category 2B [H320]
<b>Signal Word</b>	WARNING
<b>Hazard statement(s)</b>	H320 – Causes eye irritation
<b>Hazard Symbol(s)</b>	None
<b>Precautionary Statements</b>	[Prevention] P264 – Wash hands and other exposed skin areas thoroughly after handling. [Response] P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P337 + P313 – If eye irritation persists: Get medical attention.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Number	% Weight
Alkyl(C12-16)dimethylbenzylammonium chloride	68424-85-1	<0.50%
Silicon Dioxide, amorphous	7631-86-9	<0.50%

There are no additional ingredients in this product which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

## SECTION 4: FIRST AID MEASURES

Primary routes of exposure:

<b>Eyes</b>	Hold eye open and rinse with a steady, gentle stream of water for 15-20 minutes. If present remove contact lenses after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice if discomfort continues.
<b>Skin</b>	Flush skin with large amounts of water while removing contaminated clothing. Wash the affected area with soap and water followed by thorough rinsing. Wash contaminated clothing and shoes before reuse. If irritation persists, seek medical attention.
<b>Ingestion</b>	DO NOT induce vomiting unless directed to do so by medical personnel. To prevent aspiration of material into the lungs, lay the victim on one side with the head lower than the waist. Never give mouth to mouth to an unconscious or convulsing person. Seek immediate medical attention.
<b>Inhalation</b>	If product mist or vapor causes respiratory irritation or distress move person to fresh air immediately. If breathing is difficult or irregular, administer oxygen; if respiratory arrest occurs, start artificial respiration by trained personnel. Seek medical attention.

**Recommended first aid facilities:** Ready access to running water.

## SECTION 5: FIRE FIGHTING MEASURES

<b>Fire and explosion hazards</b>	None
<b>Flashpoint</b>	N/A
<b>Hazards decomposition products</b>	N/A
<b>Suitable extinguishing media</b>	N/A
<b>Special firefighting procedures</b>	No special precautions required
<b>HAZCHEM code</b>	N/A

## SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Spills or leaks: Wear proper eye protection. Spill creates a slip hazard.
<b>Methods for Cleaning Up</b>	Soak up with an inert absorbent. Collect material using non-sparking tools and place into an approved container for proper disposal.

## SECTION 7: HANDLING & STORAGE

<b>Precautions for Safe Handling</b>	Do not get in eyes. Do not inhale mist or vapor. NO SMOKING. This product is not considered to be a fire or explosion hazard.
<b>Storage</b>	Keep in a closed container when not in use. Store in a cool, dry place. Recommended temperature is between 32°F and 100°F. Avoid extreme temperatures and keep away from heat or flame. Do not allow product to freeze. Keep out of reach of children.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Workplace Exposure Standards:</b>	A workplace exposure standard (WES) has not been established for this substance.
<b>Engineering Controls:</b>	Ready access to running water and or eyewash stations - general ventilation
<b>Personal Protective Equipment:</b>	Eye protection and gloves are recommended for bulk transfer and handling

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance / Color</b>	Clear, colorless liquid
<b>Odor</b>	Slight ammoniacal
<b>Odor Threshold</b>	Test not applicable for this product type
<b>pH</b>	5-9
<b>Physical State</b>	Liquid
<b>Melting Point / Freezing Point</b>	N/A / <0°C
<b>Boiling Point &amp; Boiling Range</b>	100°C
<b>Flash Point</b>	>93°C Approximate
<b>Evaporation Rate</b>	No data available
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper/lower flammability or explosive limits</b>	No data available
<b>Vapor Pressure</b>	No data available
<b>Vapor Density</b>	No data available
<b>Relative Density</b>	1.00 g/cm <sup>3</sup> at 25°C
<b>Solubility in water</b>	Dispersible
<b>Partition coefficient: n-octanol/water</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Decomposition temperature</b>	No data available
<b>Viscosity (at 68°F/20°C)</b>	<95 mPas at 20°C
<b>Specific gravity (at 68°F/20°C)</b>	1.0 g/ml at 25°C

## SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity</b>	Material is not reactive
<b>Chemical Stability</b>	Under recommended storage and handling conditions this material is stable
<b>Hazardous Polymerization</b>	Hazardous polymerization will not occur
<b>Conditions to avoid</b>	Avoid extreme temperatures. Avoid freezing. Avoid contact with incompatible materials
<b>Incompatible materials to avoid</b>	Acids, alkalis, strong oxidizing agents, anionic surfactants
<b>Hazardous decomposition products</b>	No data available

## SECTION 11: TOXICOLOGICAL INFORMATION

<b>Acute oral toxicity</b>	LD <sub>50</sub> Rat (oral) > 5000 mg/kg
<b>Acute dermal toxicity</b>	LD <sub>50</sub> Rabbit (dermal) > 5000 mg/kg
<b>Inhalation toxicity</b>	No data available
<b>Acute eye irritation test</b>	Mild reversible eye irritant
<b>Acute dermal sensitivity</b>	Not a dermal sensitizer
<b>Likely routes of exposure</b>	Inhalation, skin contact and eye contact. Product is harmful if inhaled in large quantities
<b>Symptoms</b>	May cause temporary eye and skin redness and/or irritation
<b>Delayed and immediate effects from short &amp; long term exposure</b>	May cause temporary eye and skin redness and/or irritation.
<b>Numerical measures of toxicity</b>	EPA Category IV
<b>CMR toxicants</b>	Negative for CMR

## SECTION 12: ECOLOGICAL INFORMATION

<b>Acute toxicity</b>	May be harmful to the aquatic environment in large quantities
<b>Soil toxicity</b>	No data available
<b>Terrestrial vertebrate toxicity</b>	Non-toxic
<b>Terrestrial Invertebrate toxicity</b>	No data available

### Ecotoxicological effects:

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with requirements of the local government authority and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer systems without previously notifying the local sewage treatment plant authority.

### SECTION 13: DISPOSAL CONSIDERATIONS

<b>Restrictions</b>	There are no product specific restrictions
<b>Waste Disposal Method</b>	Waste resulting from the use of this product may be disposed of on site. If this waste cannot be disposed of by use according to the label instructions, contact your local Environmental Control Agency for guidance.
<b>Container (plastic) disposal</b>	Rinse (or equivalent), then offer for recycling or reconditioning, puncture and dispose of in a sanitary landfill, incineration, or by burning (if allowed by the state and local authorities). If burned, stay out of smoke. Do not reuse empty container for any other purpose.
<b>Section 13 notes</b>	RCRA F-Series: No listings above the reportable threshold (de minimis) RCRA U-Series: No listings above the reportable threshold (de minimis)

### SECTION 14: TRANSPORT INFORMATION

IATA Proper Shipping Name	Non-flammable liquid
IATA UN Number	Not specified
Hazard Class	Not regulated
NFPA/HMIS classification	Flammability 0, Reactivity 0, Health 1, Personal Protection B

**NOT REGULATED FOR TRANSPORT**

### SECTION 15: REGULATORY INFORMATION

New Zealand	This product is an approved substance under the Hazardous Substances and New Organisms ACT (HSNO). The active components are listed on the New Zealand Inventory of Chemicals (NZIoC).
Group Standard	Cleaning Products (Subsidiary Hazard) Group Standard 2006
US Federal Regulations	Regulated by the EPA as an antimicrobial pesticide device. TCSA (Toxic Substances Control Act) Status: All components of this product are listed or excluded from the TCSA inventory of chemical substances.

### SECTION 16: OTHER INFORMATION

Disclaimer: This information is offered in good faith as typical values and not as a product specification. No warranty, expressed or implied is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context on the intended use and determine whether they are appropriate.

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