



**INNOVATIVE
CHEMICAL
CORPORATION**

7769 95th Street South
Cottage Grove, MN 55016

SAFETY DATA SHEET

Revision Date: 8/14/2015
Emergency Phone: 1-800-535-5053 (Infotrac)

Section 1: Identification

Product Name: Laundry Sour & Softener	Code: 98PSO00
Chemical Type: Liquid	Manufacturer/Supplier: Innovative Chemical Corporation 7769 95th Street South Cottage Grove, MN 55016 651-649-1762

Section 2: Hazard(s) Identification

GHS Classification

Skin Corrosion/Irritation:	Category 2
Serious Eye Damage/Eye Irritation:	Category 2A

Label elements

Signal word: Warning

Hazard statements: Causes skin irritation.
Causes serious eye irritation



Precautionary Statements

Prevention: Wash hands and any exposed skin thoroughly after handling.
Wear eye / face protection
Wear protective gloves

Response

Eyes: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Skin: IF ON SKIN (or hair): Wash with plenty of soap and water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse.

Specific Treatment: See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.

Storage: Not Applicable

Disposal: Not Applicable

Hazards not otherwise classified: Not Applicable

- Other Information:**
- May be harmful if swallowed.
 - Inhalation of vapors or mist may cause respiratory irritation.
 - Keep out of reach of children.

Section 3: Composition/Information on Ingredients

Substance or mixture: Mixture

Other means of identification: Not available.

CAS number/other identifiers

CAS number: Not applicable.

Hazardous Components		
Chemical Name	%weight	CAS
water	60-100	7732-18-5
quaternary ammonium compound	3-7	68153-35-5
citric acid	3-7	77-92-9
ethoxylated alkyl quaternary	1-5	61791-10-4

Any concentration shown as a range is to protect confidentiality or is due to batch variation. There are no additional ingredients present 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. Occupational limits, if available are listed in Section 8.

Section 4: First-Aid Measures

Description of first aid measures

Eye Contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
Skin Contact	Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical attention.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or physician if you feel unwell.
Ingestion	Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell.

Indication of any immediate medical attention needed

Notes to Physician	Treat symptomatically.
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See toxicological information (Section 11)

Section 5: Fire-Fighting Measures

Fire-Fighting Measures

Suitable extinguishing media	Product does not support combustion, Use extinguishing agent suitable for type of surrounding fire
Specific hazards arising from the chemical	Dried product is capable of burning. Combustion products are toxic.

Hazardous Combustion Products	May include Carbon monoxide Carbon dioxide and other toxic gases or vapors.
Protective Equipment and Precautions for Firefighters	Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear. Cool fire-exposed containers with water spray.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.
Environmental Precautions	Do not rinse spill onto the ground, into storm sewers or bodies of water.
Methods for Clean-Up	Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

Section 7: Handling and Storage

Precautions for safe handling

Advice on Safe Handling	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.
Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep from freezing.
Incompatible Materials	Sodium hypochlorite (or other hypochlorites).

Section 8: Exposure Controls/Personal Protection

Control parameters

Occupational exposure limits

None established.

Engineering Controls	Provide good general ventilation. If work practices generate dust, fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered.
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Personal Protective Equipment

Eye/Face Protection	Wear splash goggles.
Skin and Body Protection	Wear rubber or other chemical-resistant gloves.
Respiratory Protection	Not required with expected use. If occupational exposure limits are exceeded or respiratory irritation occurs, use of a NIOSH/MSHA approved respirator suitable for the use-conditions and chemicals in Section 3 should be considered.
General Hygiene Considerations	Wash hands and any exposed skin thoroughly after handling. See 29 CFR 1910.132-138 for further guidance.

Section 9: Physical and Chemical Properties

Physical state	Liquid
Color	Blue

Odor	None Added
pH	5.5
Melting Point	Not available
Boiling Point	100 °C / 212 °F
Flash Point	> 100 °C / > 212 °F ASTM D56
Evaporation rate	< 1 (BuAc = 1)
Flammability (solid, gas)	Not available
Lower and upper explosive (flammable) limits	Not available
Vapor pressure	Not available
Vapor density	Not available
Specific Gravity	1.025
Solubility	Easily soluble in cold and hot water.
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available

Section 10: Stability and Reactivity

Reactivity:	This material is considered to be non-reactive under normal conditions of use.
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	Not expected to occur with normal handling and storage.
Conditions to avoid:	Extremes of temperature and direct sunlight.
Incompatible materials:	Sodium hypochlorite (or other hypochlorites).
Hazardous decomposition products:	May include carbon monoxide, carbon dioxide (CO ₂) and other toxic gases or vapors.

Section 11: Toxicological Information

Likely Routes of Exposure

Eyes, Skin, Ingestion, Inhalation.

Symptoms of Exposure

Eye Contact	Pain, redness, swelling of the conjunctiva and blurred vision
Skin Contact	Pain, redness and cracking of the skin.
Inhalation	Nasal discomfort and coughing.
Ingestion	Pain, nausea, vomiting and diarrhea.

Immediate, Delayed, Chronic Effects

Product Information	Data not available or insufficient for classification.
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Numerical measures of toxicity

Acute toxicity estimates

Route	ATE value
Oral	26603 mg/kg

Component Acute Toxicity Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
water	> 90 mL/kg (Rat)	Not Available	Not Available
citric acid	= 3000 mg/kg (Rat)	Not Available	Not Available
ethoxylated alkyl quaternary	= 580 mg/kg (Rat)	Not Available	Not Available

Carcinogenicity

No components present at 0.1% or greater are listed as to being carcinogens by ACGIH, IARC, NTP or OSHA.

Section 12: Ecological information

Ecotoxicity

Chemical Name	Algae/Aquatic Plants	Fish	Toxicity to Microorganisms	Crustacea
citric acid	Not Available	1516: 96 h Lepomis macrochirus mg/L LC50 static	Not Available	120: 72 h Daphnia magna mg/L EC50

Persistence and degradability

Not available.

Bioaccumulative potential

Not available.

Other Adverse Effects

Not available.

Section 13: Disposal considerations

Disposal of Wastes

Dispose of in accordance with federal, state and local regulations.

Contaminated Packaging

Dispose of in accordance with federal, state and local regulations.

Section 14: Transport information

Regulatory info	UN number	Proper shipping name	Classes	PG	Environmental hazards	Additional info

DOT Classification	Not Regulated	Non-Hazardous Products				Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Check with a trained hazardous materials transportation expert for information specific to your situation.
TDG Classification	Not Regulated	Non-Hazardous Products				
Mexico Classification	Not Regulated	Non-Hazardous Products				
ADR/RID Class	Not Regulated	Non-Hazardous Products				
IMDG Class	Not Regulated	Non-Hazardous Products				
IATA-DGR Class	Not Regulated	Non-Hazardous Products				

Section 15: Regulatory information

TSCA Status

(Toxic Substance Control Act Section 8(b) Inventory)

All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

SARA 313

This product does not contain listed substances above the "de minimus" level

SARA 311/312 Hazard Categories

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden release of pressure hazard	Reactive Hazard
Yes	No	No	No	No

California Proposition 65

This product is not subject to warning requirements under California Proposition 65.

Section 16: Other information

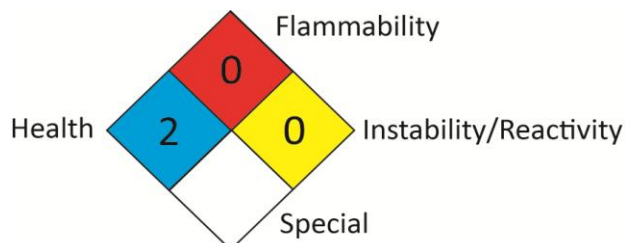
Hazardous Material Information System (U.S.A.):

Health	*2
Flammability	0
Physical hazards	0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J.J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

National Fire Protection Association:



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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist