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SAFETY DATA SHEET

SODIUM HYALURONATE 1% SOLUTION

SECTION 1 – IDENTIFICATION –

AIC 135 Newbury Street Framingham, MA 01701	Emergency Number: Chemtrec 800-424-9300 703-527-3887 Information Number: 800-238-0001
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Date: October 2013
Synonyms: Hyaluronic Acid, Sodium Salt
CAS #: 9067-32-7
DOT Hazard Class: Not Regulated
Recommended uses: Moisturizing Agents
Restricted uses: Use for recommended use.

SECTION 2 - HAZARDS IDENTIFICATION –

EMERGENCY OVERVIEW: A clear solution that presents little or no health hazard and no unusual hazard if involved in a fire.

GHS classification of the substance/mixture:

- Acute Toxicity – Oral: Category 5

GHS label elements, including precautionary statements:

- Pictogram and symbol: No symbol
- Signal word: Warning
- Hazard statements: H303 May be harmful if swallowed.
- Precautionary statements:
 - Precaution: Not Applicable
 - Treatment: P312 Call a poison center or doctor/physician if you feel unwell.
 - Storage: Not Applicable
 - Disposal: Not Applicable

NFPA

- Health: 1 Fire: 1 Reactive: 0

POTENTIAL HEALTH EFFECTS:

Skin: May cause skin irritation.

Eyes: May cause irritation or burning.

Inhalation: May cause irritation to the respiratory tract.

Ingestion: Acute Toxicity – Oral: Category 5

CARCINOGENICITY: Not Identifiable

SECTION 3 - COMPOSITION AND INFORMATION ON INGREDIENTS –

Chemical	Common Name/ Synonyms	CAS number	Content (%)
Sodium Hyaluronate	Hyaluronic Acid, Sodium Salt	9067-32-7	>1.0
Water	Hydrogen Monoxide	7732-18-5	98.8 – 99.0
Phenoxy Ethanol	Phenylglycol	122-99-6	0.2 – 1.0

SECTION 4 - FIRST AID MEASURES –

Skin: Immediately wash skin with soap and water for at least 15 minutes. Cover the irritated skin with an emollient.

Eyes: Immediately flush with plenty of water for at least 15 minutes, holding eye lids apart. Remove contact lenses if present and easy to do. Get medical attention.

Inhalation: Remove to the fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion: Wash out mouth with water. If large quantities of this material are swallowed, call a physician immediately. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

On All of the Above: Consult a physician if symptoms persist.

SECTION 5 - FIRE FIGHTING MEASURES –

Flash Point: Not Available

Flammable Limits: Not Available

Extinguishing Media: Dry chemical. Use media appropriate to treat the surrounding fire.

Special Fire Fighting Procedures: Water spray, fog or regular foam. Do not scatter spilled material with high pressure water streams. Move containers from fire area if you can do it without risk. Dike fire-control water for later disposal. All firefighters should use self-contained breathing apparatus and full fire-fighting turn-out gear. Structural firefighters' protective clothing will only provide limited protection.

Unusual Fire Explosion Hazard: During a fire, irritating and highly toxic gasses may be generated by thermal decomposition or combustion. Slightly flammable to flammable in presence of heat. Non-explosive in presence of shocks.

Auto Ignition Temperature: Not Available

SECTION 6 - ACCIDENTAL RELEASE MEASURES –

Isolate hazard area and deny entry to unnecessary or unprotected personnel. Contain spilled liquid with sand or earth. Place in a disposal container. Avoid runoff into storm sewers and ditches that lead to waterways.

SECTION 7 - HANDLING AND STORAGE–

Avoid contact with skin, eyes and clothing. Use with adequate ventilation. Avoid breathing fumes. Use normal personal hygiene and housekeeping. Store in a cool, dry area, away from other incompatible materials and away from waterway or sewage system.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION –

Respiratory Protection: Use NIOSH/OSHA approved respirators.

Ventilation Requirements: Ventilate as necessary to eliminate vapors from the work area and maintain concentrations below the limit.

Skin and Eye Protection: Use rubber or neoprene gloves, chemical goggles and clothing sufficient to protect skin and eyes from toxic substance.

Work, Hygienic Practices: As required to protect skin and eyes, safety showers and/or eye wash should be available. Do not leave food or smoke in work area. Wash thoroughly and remove or clean any contaminated clothing.

Exposure Limits: None Established

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES –

Boiling Point: Not Available

Vapor Pressure (MM Hg): Not Available

Vapor Density (AIR=1): Not Available

Specific Gravity (H₂O=1): Not Available

Percent Volatile by Volume (%): Not Available

Melting Point: Not Available

Evaporation Rate (Butyl Acetate=1): Not Available

Solubility in Water: Soluble

pH: Not Available

Flammability Properties: Not Available

SECTION 10 - STABILITY AND REACTIVITY –

Chemical Stability: Stable under normal temperatures and pressures.

Hazardous Polymerization: No dangerous reaction known under conditions of normal use.

Hazardous Decomposition Products: Carbon compounds.

Keep Away From: Sources of ignition (heat, sparks, flames etc.), strong oxidizing agents, strong acids, and strong bases.

SECTION 11 - TOXICOLOGICAL INFORMATION –

Acute Toxicity- Oral: Category 5

SECTION 12 - ECOLOGICAL INFORMATION –

Not Available

SECTION 13 - DISPOSAL CONSIDERATIONS –

Dispose of in accordance with all federal, state, and local regulations.
RCRA WASTE #: Not Listed.

SECTION 14 - TRANSPORT INFORMATION –

Not Regulated

SECTION 15 - REGULATORY INFORMATION –

OSHA Status: Not listed

TSCA Status: Not listed

CERCLA Reportable Requirements (RQ): None

SARA TITLE III INFORMATION

Section 302 Extremely Hazardous Substance: Not listed

Section 313 Toxic Chemicals: Not listed

Section 311/312 Hazard Category: Not considered a hazard.

SECTION 16 - OTHER INFORMATION –

Date: October 7, 2013

Reason for Issue: Various updates made to match manufacturer's MSDS.

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