

SAFETY DATA SHEET

Section 1: Identification		
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Product	0.9% Sodium Chloride Injection USP	
Distributor	SOLA Pharmaceuticals 655 Highlandia Drive, Ste B Baton Rouge, LA. 70810 Tel: 866.747.7365 Fax: 800.754.9550 www.solameds.us info@solameds.us	
NDC Number	70512-841-05 / -06 (50mL) 70512-841-10 / -11 (100mL) 70512-841-25 / -26 (250mL) 70512-841-50 / -51 (500mL) 70512-841-60 / - 61 (1L)	
CAS Number	7647-14-5	
Section 2: Hazard(s) Identification		
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Classification Classification under 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).		
Label Elements None required		
Hazards not otherwise classified (HNOC) None identified		
Section 3: Composition/Information on Ingredients		
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Component	CAS No.	Weight %
Sodium Chloride	7647-14-5	>95%
Section 4: First-Aid Measures		
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Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.		
Skin Contact Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.		

Inhalation

Remove to fresh air. Get medical attention immediately if symptoms occur.

Ingestion

Get medical attention if symptoms occur. Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects

None reasonably foreseeable.

Notes to Physician

Treat symptomatically

Section 5: Fire-Fighting Measures

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Unsuitable Extinguishing Media	No information available
Flash Point	No information available
Method	No information available
Autoignition Temperature	No information available
Explosion Limits	
Upper	No data available
Lower	No data available
Sensitivity to Mechanical Impact	No information available
Sensitivity to Static Discharge	No information available

Specific Hazards Arising from the Chemical

Thermal decomposition can lead to release of irritating gases and vapors. Keep product and empty container away from heat and sources of ignition.

Hazardous Combustion Products

Hydrogen chloride gas. Sodium oxides.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA

Health	Flammability	Instability	Physical hazards
1	0	1	N/A

Section 6: Accidental Release Measures

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Personal Precautions

Ensure adequate ventilation. Use personal protective equipment as required. Avoid dust formation.

Environmental Precautions

Should not be released into the environment.

Methods for Containment and Clean Up

Sweep up and shovel into suitable containers for disposal. Avoid dust formation.

Section 7: Handling and Storage

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Handling

Wear personal protective equipment/face protection. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Avoid ingestion and inhalation. Avoid dust formation.

Storage

Keep containers tightly closed in a dry, cool and well-ventilated place. Store under an inert atmosphere. Protect from moisture. Incompatible Materials. Strong oxidizing agents. Metals. Strong acids.

Section 8: Exposure Controls / Personal Protection

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Exposure Guidelines

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Engineering Measures Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal Protective Equipment

Eye/face Protection

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin and body protection

Wear appropriate protective gloves and clothing to prevent skin exposure.

Respiratory Protection

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice.

Section 9: Physical and Chemical Properties

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Physical State	Solid
Appearance	White
Odor	Odorless
Odor Threshold	No information available
pH	5.0-8.0 @ 20°C; 5% aq.sol
Melting Point/Range	801 °C / 1473.8 °F
Boiling Point/Range	1461 °C / 2661.8 °F @ 760 mmHg
Flash Point	No information available
Evaporation Rate	Not applicable
Flammability (solid,gas)	No information available
Flammability or explosive limits	
Upper	No data available
Lower	No data available
Vapor Pressure	1 mmHg @ 865 °C
Vapor Density	Not applicable
Specific Gravity	No information available
Solubility	Soluble in water
Partition coefficient; n-octanol/water	No data available
Autoignition Temperature	No information available
Decomposition Temperature	No information available
Viscosity	Not applicable
Molecular Formula	Cl Na
Molecular Weight	58.44

Section 10: Stability and Reactivity

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Reactive Hazard

None known, based on information available

Stability

Hygroscopic.

Conditions to Avoid

Incompatible products. Excess heat. Avoid dust formation. Exposure to moist air or water.

Incompatible Materials

Strong oxidizing agents, Metals, Strong acids

Hazardous Decomposition Products

Hydrogen chloride gas, Sodium oxides

Hazardous Polymerization

Hazardous polymerization does not occur.

Hazardous Reactions

None under normal processing.

Section 11: Toxicological Information

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Acute Toxicity

Product Information

See actual entry in RTECS for complete information.

Component Information

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium Chloride	LD50 = 3g/kg (Rat)	LD50>10000mg/kg (Rabbit)	LC50>42mg/L (Rat) 1 h

Toxicologically Synergistic

No information available.

Products

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritation

No information available

Sensitization

No information available

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	CAS No.	IARC	NTP	ACGIH	OSHA	Mexico
Sodium Chloride	7647-14-5	Not listed	Not listed	Not listed	Not listed	Not listed

Mutagenic Effects

Not mutagenic in AMES Test

Reproductive Effects

No information available.

Developmental Effects

No information available.

Teratogenicity

No information available.

STOT - single exposure

None known

STOT - repeated exposure

None known

Aspiration hazard

No information available

Symptoms / effects,both acute And delayed	No information available
Endocrine Disruptor Information	No information available
Other Adverse Effects	The toxicological properties have not been fully investigated.

Section 12: Ecological Information

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Ecotoxicity

Do not empty into drains.

Component	Freshwater Algae	Freshwater Fish	Nicotox	WaterFlea
Sodium Chloride	Not listed	Pimephals prome: LC50: 7650mg/L/96h	Not listed	EC50: 1000mg/L/48hr

Persistence and Degradability	Soluble in water Persistence is unlikely based on information available.
Bioaccumulation/ Accumulation	No information available.
Mobility	Will likely be mobile in the environment due to its water solubility.

Section 13: Disposal Considerations

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Waste Disposal Methods

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

Section 14: Transport Information

Section 14, Transport Information

DOT	Not regulated
TDG	Not regulated
IATA	Not regulated
IMDG/IMO	Not regulated

Section 15: Regulatory Information

Section 15, Regulatory Information

United States of America Inventory

Component	CAS No	TSCA	TSCA Inventory Notification – Active-Inactive	TSCA – EPA Regulatory Flags
Sodium Chloride	7647-14-5	X	ACTIVE	---

Legend:

TSCA US EPA (TSCA) – Toxic Substances Control Act (40 CFR Part 710)
 X Listed
 --- Not listed
 TSCA 12(b) Notices of Export Not applicable.

International Inventories

Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Philippines (PICCS), Japan (ENCS), Japan (ISHL), Australia (AICS), China (IECSC), Korea (KECL).

Component	CAS No	DSL	NDSL	EINECS	PICCS	ENCS	ISHL	AICS	IECSC	KECL
Sodium Chloride	7647-14-5	X	---	231-598-3	X	X	X	X	X	KE-31387

KECL – NEIR number or KE number (<http://ncis.nier.go.kr/en/main.do>)

U.S. Federal Regulations

SARA 313	Not applicable
SARA 311/312 Hazard Categories	See section 2 for more information
CWA (Clean Water Act)	Not applicable
Clean Air Act	Not applicable
OSHA - Occupational Safety and Health Administration	Not applicable
CERCLA	Not applicable
California Proposition 65	This product does not contain any Proposition 65 chemicals.
U.S. State Right-to-Know Regulations	Not applicable
U.S. Department of Transportation	
Reportable Quantity (RQ):	N
DOT Marine Pollutant	N
DOT Severe Marine Pollutant	N
U.S. Department of Homeland Security	This product does not contain any DHS chemicals.

Other International Regulations

Mexico - Grade	Severe risk, Grade 4
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Authorisation/Restrictions according to EU REACH

Safety, health and environmental regulations/legislation specific for the substance or mixture

Component	CAS No.	OECD HPV	Persistent Organic Pollutant	Ozone Depletion	Restriction of Hazardous Substances (RoHS)
Sodium Chloride	7647-14-5	Listed	Not applicable	Not applicable	Not applicable

Component	CAS No.	Seveso III Directive (2012/18/EC)- Qualifying Quantities for Major Accident Notification	Seveso III Directive (2012/18/EC)- Qualifying Quantities for Safety Report Requirements	Rotterdam Convention (PIC)	Basel Convention (Hazardous waste)
Sodium Chloride	7647-14-5	Not applicable	Not applicable	Not applicable	Not applicable

Section 16: Other Information**Section 16, Other Information**

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Nothing herein shall be deemed to create any warranty, express or implied. It is the responsibility of the user to determine the applicability of this information and the suitability of the material or product for any particular purpose.

SOLA shall not be held liable for any damage resulting from handling or from contact with the above product. SOLA reserves the right to revise this Safety Data Sheet.