

## SAFETY DATA SHEET

Section 1: Identification		
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<b>Product</b>	<b>0.9% Sodium Chloride Injection USP</b>	
<b>Distributor</b>	SOLA Pharmaceuticals 655 Highlandia Drive, Ste B Baton Rouge, LA. 70810 Tel: 866.747.7365 Fax: 800.754.9550 <a href="http://www.solameds.us">www.solameds.us</a> info@solameds.us	
<b>NDC Number</b>	70512-841-05 (50mL) 70512-841-10 (100mL) 70512-841-25 (250mL) 70512-841-50 (500mL) 70512-841-60 (1L)	
<b>CAS Number</b>	7647-14-5	
Section 2: Hazard(s) Identification		
<b>Section 2, Hazard(s) Identification</b>		
<b>Classification</b>	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).	
<b>Label Elements</b>	None required	
<b>Hazards not otherwise classified (HNOC)</b>	None identified	
Section 3: Composition/Information on Ingredients		
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<b>Component</b>	<b>CAS No.</b>	<b>Weight %</b>
Sodium Chloride	7647-14-5	>95%
Section 4: First-Aid Measures		
<b>Section 4, First-Aid Measures</b>		
<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.	
<b>Skin Contact</b>	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**

**Section 5, Fire-Fighting Measures**

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

<b>Health</b>	<b>Flammability</b>	<b>Instability</b>	<b>Physical hazards</b>
1	0	1	N/A

**Section 6: Accidental Release Measures**

**Section 6, Accidental Release Measures**

**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**

**Section 10, Stability and Reactivity**

**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**

**Section 11, Toxicological Information**

**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

<b>Symptoms / effects,both acute</b>														
<b>And delayed</b>		No information available												
<b>Endocrine Disruptor Information</b>		No information available												
<b>Other Adverse Effects</b>		The toxicological properties have not been fully investigated.												
<b>Section 12: Ecological Information</b>														
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<b>Ecotoxicity</b>														
Do not empty into drains.														
<table border="1"> <thead> <tr> <th>Component</th> <th>Freshwater Algae</th> <th>Freshwater Fish</th> <th>Nicotox</th> <th>WaterFlea</th> </tr> </thead> <tbody> <tr> <td>Sodium Chloride</td> <td>Not listed</td> <td>Pimephals prome: LC50: 7650mg/L/96h</td> <td>Not listed</td> <td>EC50: 1000mg/L/48hr</td> </tr> </tbody> </table>					Component	Freshwater Algae	Freshwater Fish	Nicotox	WaterFlea	Sodium Chloride	Not listed	Pimephals prome: LC50: 7650mg/L/96h	Not listed	EC50: 1000mg/L/48hr
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<b>Persistence and Degradability</b>		Soluble in water Persistence is unlikely based on information available.												
<b>Bioaccumulation/ Accumulation</b>		No information available.												
<b>Mobility</b>		Will likely be mobile in the environment due to its water solubility.												
<b>Section 13: Disposal Considerations</b>														
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<b>Waste Disposal Methods</b>														
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.														
<b>Section 14: Transport Information</b>														
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<b>DOT</b>	Not regulated													
<b>TDG</b>	Not regulated													
<b>IATA</b>	Not regulated													
<b>IMDG/IMO</b>	Not regulated													
<b>Section 15: Regulatory Information</b>														
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<b>United States of America Inventory</b>														
<b>Component</b>	<b>CAS No</b>	<b>TSCA</b>	<b>TSCA Inventory Notification – Active-Inactive</b>	<b>TSCA – EPA Regulatory Flags</b>										
Sodium Chloride	7647-14-5	X	ACTIVE	---										
<b>Legend:</b>														
TSCA	US EPA (TSCA) – Toxic Substances Control Act (40 CFR Part 710)													
X	Listed													
---	Not listed													
TSCA 12(b) Notices of Export Not applicable.														
<b>International Inventories</b>														
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

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

#### Other International Regulations

<b>Mexico - Grade</b>	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.