

0.9% Saline Solution

Section 1: Chemical Product and Company Identification

Product Name: Saline Solution, 0.9%

Catalog Codes: MSDW-1000, -2000, -010L, -010Q, -020Q, -55GL

Identified Uses: Laboratory chemicals, Manufacture of substances

Brand: Growcells

Contact Information:

Growcells.com, INC.

6 Chrysler

Irvine, CA 92618

(949) 380-9966

CHEMTREC (24HR Emergency Telephone), call:

1-(800) 424-9300

International CHEMTREC, call: 1-(703) 527-3887

For non-emergency assistance, call: 1-(281) 441-4400

Section 2: Hazard Identification

Classification: This chemical is not considered hazardous

Label elements: Colorless and odorless liquid

Hazards not otherwise classified (HNOC): None

Section 3: Composition and Information on Ingredients

Name:	CAS#	Weight %
NaCl	7647-14-5	0.9%

Section 4: First Aid Measures

Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.

Inhalation: Move to fresh air. If not breathing, give artificial respiration.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth.

Most important symptoms and effects: No information available.

Immediate medical care and special treatment needed: Treat symptomatically.

0.9% Saline Solution**Section 5: Fire and Explosion Data**

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media: No information available.

Specific Hazards Arising from the Chemical: No information available.

Explosion Data: No sensitivity to Mechanical Impact and no sensitivity to static discharge.

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.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Ensure adequate ventilation when spilled.

Methods and Material for containment and clean up: Prevent further leakage or spillage. Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Section 7: Handling and Storage

Precautions for handling: Handle in accordance with good industrial hygiene and safety practice.

Storage: Keep container tightly closed in ambient temperature.

Section 8: Exposure Controls/ Personal Protection

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

Engineering Controls: Provide exhaust ventilation, showers, and eyewash stations.

Personal Protection: Safety glasses with side-shields, protective clothing and gloves. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

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Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid, colorless

Odor: Odorless

Color: No information available

pH: N/A

Boiling Point/Range: No information available

Flash Point (High in °C): No information available

Evaporation Rate: No information available

Flammability (solid, gas): No information available

Upper flammability limit: No information available

Lower flammability limit: No information available

Vapor pressure: No information available

Vapor Density: No information available

Specific Gravity: No information available

Water Solubility: No information available

Solubility in other solvents: No information available

Partition coefficient: No information available

Autoignition Temperature: No information available

Decomposition Temperature: No information available

Kinematic viscosity: No information available

Dynamic viscosity: No information available

Explosive Properties: No information available

Oxidizing Properties: No information available

Softening Point: No information available

Molecular Weight: No information available

VOC Content: No information available

Density: No information available

Bulk Density: No information available

Section 10: Stability and Reactivity Data

Reactivity: No data available

Stability: The product is stable under recommended storage conditions.

Conditions of Instability: Extremes of temperature and direct sunlight

Incompatibility with various substances: Strong oxidizing agents.

Corrosivity: Non-corrosive

Section 11: Toxicological Information

Routes of Entry: Eye contact. Absorbed through skin.

Toxicity to Animals: LD50: Not available. LC50: Not available.

Chronic Effect on Humans: Not available

Other Toxic Effects on Humans: Not available

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Section 13: Disposal Considerations

Waste Disposal: Dispose of in accordance with all applicable Federal, State, and Local environmental regulations.

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable

Special Provisions for Transport: Not available.

Health	0
Fire	0
Reactivity	0
Special Hazard	0

Section 15: Regulatory Information

This product is for research use only. This product has not been approved for diagnostic or therapeutic use. Wear safety glasses, lab coat, and proper gloves.

OSHA: The above items either do not contain any specifically hazardous material or the potentially hazardous material is present in such low concentrations that the items do not present any immediate threat to health and safety. These items do not meet the OSHA Hazard Communication Standard (29 CFR 1910.10) definition of a hazardous material.

Section 16: Other Information

Last updated: 11/24/2014

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Growcells.com be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Growcells.com has been advised of the possibility of such damages.