



Material Safety Data Sheet

Note: This MSDS has been compiled as a response to customer requests. It is not required under current OSHA regulations.

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Chemical Product Name: Sodium Chloride Salt treated with Pre-wetting Agent

Chemical Family: Alkali Metal/Halide

Chemical Name: Sodium Chloride admixed with Magnesium Chloride

Formula: NaCl, MgCl₂

Molecular Weight: NaCl = 58.44, MgCl₂ = 95.22

Commercial Name: SWP Treated Salt

Manufacturer Emergency Telephone Numbers:

SWP Enterprises LLC PH# 585-728-3770 Business hours: 8 A.M. – 5 P.M.
11399 State Route 21
Wayland, NY 14572

John Hooker PH# 585-451-6582
Vice President

2. COMPOSITION/INFORMATION ON INGREDIENTS

Description

Blue-Green colored crystalline solid.

Ingredient Name	CAS Number	Exposure Limits	Concentration (%)
NaCl	7647-14-5	NA	91.0 – 96.0 %
Water	7732-18-5	NA	2.6 - 4.0 %
MgCl ₂	7786-30-30	NA	0.9 – 1.4%
Corn Steeps – Corrosion Inhibitor			
Proprietary Dye		NA	75-130 ppm

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

None

Potential Health Effects

Route(s) Of Entry: Ingestion, skin/eye contact, inhalation.

Human Effects and Symptoms of Overexposure:

Acute Inhalation: Dust may irritate the respiratory tract.

Chronic Inhalation: No applicable information found for chronic system effects.

Acute Skin Contact: Large amounts can cause irritation.

Chronic Skin Contact: No applicable information found for chronic system effects.

Acute Eye Contact: Irritation with burning and tearing (salt concentrations greater than the normal saline present).

Chronic Eye Contact: No applicable information found for chronic systemic effects.

Acute Ingestion: May cause nausea and vomiting.

Chronic Ingestion: No applicable information found for chronic systemic effects.

Carcinogenicity

Ingredient -----	Known -----	Anticipated -----	IARC Category -----
Sodium Chloride (7647-14-5)	No	No	None

4. FIRST AID MEASURES

First Aid for Eyes: Flush eyes with clean water for at least 15 minutes. If symptoms persist, seek medical attention.

First Aid for Skin: Remove clothing from affected area. Wash skin thoroughly. Rinse carefully.

First Aid for Inhalation: If respiratory symptoms develop or breathing becomes difficult, move victim away from source of exposure and into fresh air. If symptoms persist, seek immediate medical attention.

First Aid for Ingestion: No hazards anticipated due to incidental industrial exposure. For larger quantities, drink large amounts of water or milk.

5. FIRE AND MEASURES

Flash Point: Non-Flammable. Will not burn under normal conditions.

Extinguishing Media: Use water, dry chemical or chemical foam.

Special Fire Fighting Procedures: The use of NIOSH/MSHA approved self-contained breathing apparatus is recommended for fire fighters.

6. ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedures: Contain spills to prevent contamination of water supply or sanitary sewer system. Recover useable product. Vacuum or sweep into containers for disposal at an approved facility such as a municipal landfill or land application site.

7. HANDLING AND STORAGE

Storage Temperature (min./max.): Avoid humid or wet conditions as product will cake and become hard.

Special Sensitivity: Avoid contact with strong acids.

Handling and Storage Precautions: Becomes hygroscopic at 75% relative humidity.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection Requirements: Eyeglasses or goggles should be worn in dusty areas.

Skin Protection Requirements: Normal work gloves and/or rubber gloves are usually adequate. Protective clothing may be worn, but is generally not required.

Respiratory/Ventilation Requirements: In process where dusts or airborne particulates may be generated, a NIOSH approved respirator is advised in the absence of proper environmental controls.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Crystalline solid with no odor.

Color: Blue/Green

Odor: Odorless

Boiling Point (760mm Hg)(°C): 1465

Melting Point/Freezing Point (°C): 801

pH: 5-9

Solubility in Water (g/cc)(%): 26.4

Specific Gravity (H₂O = 1): 2.16

Bulk Density (lbs./ft³): 72-80

% Volatile by Weight: N/A

Vapor Pressure (mm Hg/747°C): 2.4

Vapor Density (Air=1): N/A

10. REACTIVITY

Stability: Stable

Incompatibilities: Avoid contact with strong acids, caustics, ammonia and cyanides.

Decomposition Products: May evolve chlorine gas when in contact with strong acids.

11. TOXICOLOGICAL INFORMATION

Description: No toxicity information is available for this specific material. The toxicity information provided is available to component(s) of this material.

For Sodium Chloride: Oral rat LD50: 3000 mg/kg

Inhalation rat LC60: > 42 gm/m³/1H.

Skin rabbit LD50: > 10 gm/kg.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No definitive information available on environmental impact if product is released to the environment. Prevent contamination of ground and surface water.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Follow applicable Federal, state, and local regulations.

14. TRANSPORTATION INFORMATION

D.O.T. Shipping Name: Not listed.

Technical Shipping Name: Not listed.

D.O.T. Hazard Class: Not listed.

U.N./N.A. Number: Not listed.

Product Rq (lbs.): N/A

D.O.T. Label: Not listed.

D.O.T. Placard: N/A

Freight Class Bulk: N/A

Freight Class Package: N/A

Product Label: N/A

15. REGULATORY INFORMATION

OSHA Status: non-hazardous

TSCA Status: All components of this product are currently listed on the TSCA inventory

CERCLA Reportable Quantity SARA Title III

Section 302 Extremely Hazardous Substances: Not listed.

Section 311/312 Hazard Categories: Not an OSHA hazardous material.

Section 313 Toxic Chemicals: Not listed.

RCRA Status: Not listed.

HMIS Rating: **Health:** 0 **Flammability:** 0 **Reactivity:** 0

State Regulatory Information

Company Name/Cas Number	Concentration	State Code
N/A		

16. OTHER INFORMATION

Reason for Issue: Regulatory compliance.

Approved By: John Hooker

Title: Technical Director

Approval Date: November 2009

Supersedes Date:

MSDS Number: NC19

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