

Walla Walla Environmental, Inc.

MATERIAL SAFETY AND DATA SHEET

MSDS Date 12/31/99

Walla Walla Environmental, Inc.

PO Box 1298

Walla Walla WA. 99362

Emergency Telephone: 509-522-0490

1. **PRODUCT NAME: GREEN Starch Preservative**

2. **PRODUCT IDENTIFICATION**

Active ingredient formula: NaCl

Inactive Ingredients: Pulp from unripened berries

Chemical Name/Synonyms: Sodium Chloride

DOT Shipping Name: Non-Hazardous (not regulated)

DOT Hazard Class: Non-Hazardous

3. **PHYSICAL DATA (TYPICAL)**

Appearance: Solid White Crystals

Odor: Odorless

Density: N/A

Solubility in Water: Moderate

Flash Point: N/A

Boiling Point: Above 1400C

Freezing Point: N/A

Sensitivity to Static Discharge: Material is unlikely to accumulate a static charge which could act as an ignition source.

4. **HAZARDOUS INGREDIENTS**

Components: None

5. **FIRE AND EXPLOSION DATA**

CAUTION: Powdered material may form explosive dust-air mixtures

Hazardous Combustion Products: Carbon dioxide, Carbon monoxide

Flammability Limits: Not applicable

Extinguishing Media: Water fog, Carbon Dioxide, foam, dry chemical

Special Fire fighting procedures: Wear self-contained breathing apparatus and protective clothing.

6. **REACTIVITY DATA**

Stability: Stable

Incompatibility: Material can react with strong oxidizing agents, Lithium metal, BrF3

Hazardous Decomposition Products: Cl2, Na2O

7. **HEALTH HAZARD DATA**

Acute and Chronic: Ingestion of large amounts (greater than 0.1 pound) can cause gastrointestinal upset and irritation of the stomach.
Irritant Effects: Irritating to eyes, possible mild skin irritant.
Sensitization Effects: Not tested but none expected.
Carcinogenic Potential: Not listed as a carcinogen or mutagen.
Other health effects: None known.

8. **EXPOSURE CONTROLS / PERSONAL PROTECTION**

Ventilation: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory protection may be needed in special circumstances such as poorly ventilated spaces, mechanical generation of dusts, heating, drying, etc.
Respiratory Protection: None should be needed.
Eye Protection: It is a good industrial hygiene practice to minimize eye contact.
Skin Protection: For operations where prolonged or repeated skin contact may occur, chemical-resistant gloves should be worn.

9. **HANDLING AND STORAGE**

Personal Precautionary Measures: Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.
Prevention of Fire and Explosion: Keep from contact with oxidizing materials. Minimize dust generation and accumulation. Refer to NFPA Pamphlet No. 654, "Prevention of Fire and Dust Explosions in the Chemical, Dye, Pharmaceutical, and Plastics Industries."

10. **SPILL LEAK AND DISPOSAL PROCEDURES:**

Important: Before responding to a spill or leak of this product, review each section of this MSDS. Follow the recommendations given in the handling precautions sections. Check the Fire and Explosion Data section to determine if the use of non-sparking tools is merited. Insure that spilled or leaked product does not come in contact with materials listed as incompatible. If irritating fumes are present, consider evacuation of enclosed areas.

Spills: Contain spills to prevent contamination of water supply or sanitary sewer system. Vacuum or sweep into containers for proper disposal.

Ensure Compliance with local, state, and federal regulations.

11. **EMERGENCY AND FIRST AID INSTRUCTIONS**

Eye exposure: Flush with clean cool water for 15 minutes.
Skin Exposure: If irritation occurs, wash with soap and water. Contact a physician if irritation persists.
Ingestion: Less than a few grams would not be harmful. For larger quantities, drink large amounts of water or milk.

12. **REGULATORY STATUS INFORMATION**

DOT Shipping: Non-Hazardous

CAUTION: Powdered material may form explosive dust-air mixtures

NFPA/HMIS Ratings: Health 1; Flammability 1; Reactivity 0

Note: HMIS and NFPA ratings involve data and interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the

specific hazard. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

The information of the material safety data sheet reflects the latest information and data that we have on hazards, properties, and handling of this product under the recommended conditions of use. Any use of this product or method or application which is not described in the product data sheet is the responsibility of the user.