

# Walla Walla Environmental, Inc.

## MATERIAL SAFETY DATA SHEET

MSDS DATE: 01/25/02

Walla Walla Environmental, Inc.  
P. O. Box 1298  
Walla Walla, WA. 99362

Emergency Phone Number  
(509) 522-0490

1. **PRODUCT NAME**: CLEAN TANK PLUS

2. **PRODUCT INFORMATION**

**Chemical Name....**: Blend

**Chemical Family...:** Inorganic Salts

**Appearance.....**: White granules with chlorine odor

3. **COMPOSITION / INFORMATION ON INGREDIENTS**

Component	CAS #
Sodium dichloroisocyanurate	2893-78-9
Sodium Carbonate	497-19-8

4. **HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

**STRONG OXIDIZER**

**CAUSES EYE BURNS.**

**HARMFUL IF INHALED OR SWALLOWED.**

Emits toxic fumes and may explode when heated to decomposition or in combination with acids.

**CAUSES SKIN IRRITATION.**

**POTENTIAL HEALTH EFFECTS (ACUTE AND CHRONIC)**

Symptoms of Exposure: -Causes eye burns on contact. Toxic if swallowed. Dust is harmful if inhaled; irritating to skin and respiratory tract. Emitted chlorine gas can cause pulmonary edema.

Medical Condition Aggravated by Exposure: Data not available.

Routes of Entry: Inhalation, ingestion

Carcinogenicity: The material is not listed as a cancer causing agent.

5. **FIRST AID MEASURES**

Emergency First Aid:

**GET MEDICAL ASSISTANCE FOR ALL CASES OF OVEREXPOSURE.**

Skin: Immediately flush thoroughly with large amounts of water

Eyes: Immediately flush thoroughly with water for at least 15 minutes.

Inhalation: Remove to fresh air; give artificial respiration breathing has stopped.

Ingestion: If conscious, drink water and induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person.

6. **FIRE FIGHTING MEASURES**

Flash Point (F).....: N/A  
Flammable Limits LEL (%): N/A  
Flammable Limits UEL (%): N/A  
Extinguishing Media.....: Water spray  
Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing.  
Fire & Explosion Hazards: Thermal decomposition produces toxic fumes at temperatures above 212C (414 F).

7. **ACCIDENTAL RELEASE MEASURES**

Spill Response:  
Evacuate the area of all unnecessary personnel.  
Wear suitable protective equipment listed under Exposure /Personal Protection.  
Eliminate any ignition sources until the area is determined to be free from explosion or fire hazards. Contain the release and eliminate its source, if this can be without risk. Take up and containerize for proper disposal as described under Disposal. Comply with Federal, State, and local regulations on reporting releases. Refer to Regulatory Information for reportable quantity and other regulatory data.

8. **HANDLING AND STORAGE**

Handling & Storage:  
Keep container tightly closed.  
Store in a cool, well-ventilated area away from acids and combustible material  
Do not breathe dust or vapor.  
Do not get in eyes, on skin or on clothing

9. **EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Engineering Controls and Personal Protective Equipment:**

Ventilation, Respiratory Protection, Protective Clothing, Eye Protection.  
Material should be handled with adequate ventilation.  
Protective gloves (Neoprene, PVC or equivalent) should be worn to prevent skin contact.  
Safety glasses with side shields must be worn at all times.

**Respiratory Protection:**

If workplace exposure limit(s) of product or any component is exceeded (see TLV/PEL), a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions (see your safety equipment supplier). Engineering and/or administrative controls should be implemented to reduce exposure.

**Work / Hygienic Practices:**

Wash thoroughly after handling.  
Do not take internally.  
Eye wash and safety equipment should be readily available.  
Keep out of Reach of Children

**Exposure Guidelines**

OSHA - PEL/ACCGIH -TLV	TWA	STEL	CL	
Component	PPM	MG/M3	PPM	MG/M3
Sodium dichloroisocyanurate NE				
Sodium Carbonate				

10. **PHYSICAL AND CHEMICAL PROPERTIES**

Boiling Point (C 760 mmHg): N/A

Melting Point (C).....: Decomposes  
Specific Gravity (H2O = 1): N/A  
Percent Volatile by Vol. (%): N/A  
Solubility in Water (%).....: Dissolves  
Appearance.....: White granules with chlorine odor

11. **STABILITY AND REACTIVITY**

Stability.....: Yes  
Hazardous Polymerization: Does not occur  
Hazardous Decomposition: Chlorine COx Cl3NO3  
Conditions to Avoid..:-May react violently on contact with acid,  
liberating toxic chlorine gas and Carbon Dioxide  
Materials To Avoid..: Acids, Organic compounds, Combustible materials, and solvents

12. **TOXICOLOGICAL INFORMATION**

Toxicity Data (Sodium dichloroisocyanurate):  
Inhalation LC 50: 877 to 950 mg/L (rats 1 hour exposure)  
Oral LD50 735 mg/kg (rat)  
Dermal LD50 > 2g/kg (rabbit)  
Toxicological Findings: -There are no known or reported effects from repeated exposure.

13. **DISPOSAL CONSIDERATIONS**

EPA Waste Numbers: NA  
Treatment: Specified Technology - Contact your local permitted waste disposal site (TSD) for permissible treatment sites. ALWAYS CONTACT A PERMITTED WASTE DISPOSER (TSD) TO ASSURE COMPLIANCE WITH ALL CURRENT LOCAL, STATE AND FEDERAL REGULATIONS

14. **TRANSPORT INFORMATION**

DOT Shipping Name.....: N/A  
DOT Number.....: N/A

15. **REGULATORY INFORMATION**

TSCA Inventory: The CAS numbers of this product are listed on the TSCA Inventory

Component	SARA EHS (302)	SARA EHS TPQ (lbs)	CE RQ (lbs)	OSHA Floor List	SARA 313	DeMinimis for SARA 313
Sodium dichloroisocyanurate						
Sodium Carbonate						

16. **OTHER INFORMATION**

Comments: None  
California Prop 65: Contains no known material listed on California Proposition 65.

**NFPA Hazard Ratings:** Health: 2 Flammability: 0 Reactivity: 2

N/A = Not Available                      N/E = None Established

While this information and recommendation set forth herein are believed to be accurate as of the date hereof, WALLA WALLA ENVIRONMENTAL, INC. MAKES NO WARRANTY WITH THE RESPECT HERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.