



Manufactured by: Integra Chemical Co 1216 6th Ave N Kent WA 98032 253.479.7000

SAFETY DATA SHEET

SDS Number: 26643, Revision 001 Revision date: July 9, 2014 Page 1 of 2

24 Hour Emergency Response: CHEMTREC 800-424-9300

(Outside USA: 703-527-3887)

1. IDENTIFICATION

Product name: Vita-D-Chlor™ Chemical family: Organic acid

Product number: All Integra Chemical item numbers beginning with V322.50

Recommended use: Dechlorination

Restrictions on use: No information available

2. HAZARDS IDENTIFICATION

OSHA classification: Not a hazardous substance or mixture

Label elements & precautionary statements: Not applicable Hazards not otherwise classified: None identified

3. COMPOSITION/INFORMATION ON INGREDIENTS

The organic acid contained in this product is not a hazardous material.

4. FIRST AID PROCEDURES

Skin contact: Wash with soap and water. Seek medical attention if irritation develops. Eye contact: Flush eyes with plenty of water. If irritation persists, seek medical attention.

Inhalation: Remove to fresh air.

Ingestion: Do not induce vomiting. Rinse mouth. If adverse symptoms develop, seek medical attention.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water spray, carbon dioxide, dry chemical, or foam.

Special equipment/precautions: Use water to cool nearby containers and structures. Wear full protective equipment, including

suitable respiratory protection.

Specific hazards: As with most organic solids, combustion is possible at elevated temperatures.

Hazardous combustion products: Oxides of carbon (CO, CO₂)

6. ACCIDENTAL RELEASE MEASURES

Spill procedures: Prevent spread of spill. Wear suitable protective equipment. Sweep or scoop into clean, dry disposal

container. Flush spill area with water.

7. HANDLING AND STORAGE

Storage and handling: Store in a cool, dry, well-ventilated area away from incompatible materials. Keep containers tightly

closed and protect them from physical damage. Protect from direct light and minimize contact with air.

Incompatible materials: Incompatible with strong acids, strong bases, strong oxidizers.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

OSHA & ACGIH exposure limits: None established

Engineering controls: Use adequate general or local exhaust ventilation to keep fume and/or dust levels as low as

possible.

Respiratory protection: None needed unless use generates annoying or irritating dusts, mists or vapors. Use a NIOSH

approved respirator mask if necessary.

Skin & eye protective equipment: Safety glasses.

Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower. Always handle material in accordance with good chemical handling, industrial hygiene, and safety practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Fine white crystals Boiling point: Not available Odor: No odor Flash point: Not available Odor threshold: Not available Evaporation rate: Not available pH (1% aqueous solution): 2 to 3 Flammability: Not available

Melting/freezing point: 192°C





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9. PHYSICAL AND CHEMICAL PROPERTIES continued

Flammable or explosive Upper: Not available Solubility: 33g/100mL water @25°C

Lower: Not available Partition coefficient: Not available Limits (% by volume in air) Vapor pressure: 660°C Not available Auto-ignition temperature: Vapor density: Not available Decomposition temperature: 218°C Relative density: 1.65 Viscosity: Not available

10. STABILITY AND REACTIVITY

Reactivity: No information available

Stability: Stable

Possibility of hazardous reactions: Hazardous polymerization will not occur

Conditions to avoid: Exposure to light, air, moisture and high temperatures

Incompatibles: Incompatible with strong acids, strong bases, strong oxidizers

Decomposition products: Oxides of carbon (CO, CO₂)

11. TOXICOLOGICAL INFORMATION

Effects of overexposure:

Inhalation: Inhalation may irritate the nose, throat and upper respiratory tract.

Skin contact: Excessive contact may cause skin irritation.

Eye contact: Contact may cause eye irritation.

Ingestion: Ingestion of small amounts is not likely to produce harmful effects.

Chronic effects: Chronic ingestion of large quantities may cause gastrointestinal effects including nausea, diarrhea, urine

acidification, oxalate and uric crystallization in the bladder and kidneys, decreased reaction times, psychomotor

coordination.

Target organs: None identified

Additional effects: No information available

Reproductive effects: None identified

Carcinogenicity: No listings by NTP, IARC, or OSHA LD50 (oral, rat) 11,900 mg/kg

12. ECOLOGICAL INFORMATION

No information available

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all local, state and federal regulations.

14. TRANSPORTATION INFORMATION

Material is not classified as a dangerous good via either ground or air transportation.

15. REGULATORY INFORMATION

All components are listed in the United States TSCA inventory.

This product is not controlled under WHMIS

16. OTHER INFORMATION

FDA Recommended Dietary Allowance for ascorbic acid: 60mg/day

NSF60 maximum use: 12mg/L

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