

# VITA-D-CHLOR™ Neutral



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

## MATERIAL SAFETY DATA SHEET

MSDS Number: V333N, Revision 005  
Revision date: 4/8/08

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**24 Hour Emergency Response: CHEMTREC 800-424-9300  
(Outside USA: 703-527-3887)**

### PRODUCT IDENTIFICATION

Product name: Vita-D-Chlor, Neutral  
Functional use: Dechlorinator  
Chemical formula: Proprietary  
Chemical family: Organic salt  
Product number: V333.50

### HAZARD OVERVIEW

HMIS Rating: 0-1-0-B  
NPFA: None established

Warning Label: Caution. Use safe chemical handling practices. Keep container closed. Use with adequate ventilation. Avoid breathing dust. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling.

### COMPOSITION/INFORMATION ON INGREDIENTS

	ACGIH TLV/TWA	OSHA PEL/TWA
Organic acid	Not listed	Not listed

### PHYSICAL DATA

Boiling point: NA	Vapor density: NA
Melting point: decomposes @ 218°C	Solubility: 1.3g/1mL water @20°C
Specific gravity: NA	pH of aqueous solution: 6.5 to 7.5
Evaporation rate: NA	Appearance and Odor: Odorless, fine white crystals
Vapor pressure: NA	

### FIRE AND EXPLOSION DATA

Flash point: NA  
Auto-ignition temperature: NA  
Flammable limits (% by volume in air)  
Upper: NA  
Lower: NA

Fire extinguishing media: Water spray, CO<sub>2</sub>, dry chemical, or foam

Special firefighting procedures: Use water to cool nearby containers and structures. Wear full protective equipment, including suitable respiratory protection.

Unusual fire and explosion hazards: None identified

### HEALTH HAZARD INFORMATION

Effects of overexposure:

Contact: May be irritating to the eyes.  
Ingestion: Ingestion of small amounts is not likely to produce harmful effects.  
Inhalation: Inhalation of large quantities, or prolonged inhalation, may irritate the respiratory system.

Chronic effects of overexposure: None identified

Medical conditions aggravated by exposure: None identified

Target organs: None identified

Reproductive effects: None identified

Exposure limits: None established

Toxicity data: No information available

Carcinogenicity: No listings by NTP, IARC, or OSHA

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### EMERGENCY FIRST AID PROCEDURES

**Skin contact:** Wash with soap and water. Seek medical attention if irritation develops.  
**Eye contact:** Flush eyes with water for at least 15 minutes. If irritation persists, seek medical attention.  
**Inhalation:** Remove to fresh air. If adverse symptoms develop, seek medical attention.  
**Ingestion:** If adverse symptoms develop, seek medical attention.

### REACTIVITY DATA

**Stability:** Stable  
**Hazardous polymerization:** Will not occur  
**Incompatibles:** Incompatible with strong oxidizers.  
**Decomposition products:** Oxides of carbon (CO, CO<sub>2</sub>)  
**Conditions to avoid:** Exposure to light, air, moisture and high temperatures.

### SPILL AND DISPOSAL PROCEDURES

**Spill and leak procedures:** Remove all ignition sources. Sweep or scoop disposal container in a manner that minimizes dust dispersion. Wear suitable protective equipment.

**Disposal procedures:** Dispose in accordance with all Local, State and Federal regulations.

### PROTECTIVE EQUIPMENT

**Ventilation:** Use adequate general or local exhaust ventilation to keep fume dust levels as low as possible.

**Respiratory protection:** None needed unless use generates annoying or irritating dusts. Use a dust respirator mask if necessary.

**Skin and eye protective equipment:** Safety glasses. Use good chemical handling practices.

### STORAGE AND HANDLING PRECAUTIONS

**Storage area:** General. Store in a cool, dry, well-ventilated area. Keep away from incompatible materials. Protect from direct light and minimize contact with air. Protect containers from physical damage. Keep material dry.

### TRANSPORTATION INFORMATION

Material is not regulated via either ground or air transportation.

### REGULATORY INFORMATION

TSCA Inventory:	<input checked="" type="checkbox"/>	SARA EHS TPQ:	<input type="checkbox"/>			
CERCLA RQ:	<input type="checkbox"/>	SARA 313 Toxic Release de minimus:				
SARA hazard categories:		Acute	Chronic	Flammability	Pressure	Reactivity
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Clean Air Act categories:		SOCMI	HAP	Volatile HAP	Organic HAPOzone depleting	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

NSF60 Maximum Use: 12mg/L

MSDS Revision History:

005 - Updated header information

001 - Original MSDS

002 - Updated header information

003 - Zip Code Change

004 - Overall review, reformat

NE = Not established; NA = Not applicable or Not available

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