



SAFETY DATA SHEET

CTT™ -EC TABLETS
Feeder tablets

SECTION 1 – PRODUCT AND COMPANY INFORMATION

Product Name
CTT™ -EC Tablets

Product Codes
68028, 68030

Chemical Family
Organic/Inorganic

Use
Water treatment

Manufacturer's Name
The RectorSeal Corporation
2601 Spenwick Drive
Houston, Texas 77055 USA

Date of Validation
January 23, 2015

Date of Preparation
February 7, 2015

HMIS Codes
Health 2
Flammability 0
Reactivity 0
PPI B

Emergency Telephone No.
Chemtrec 24 Hours
(800)-424-9300 USA
(703)-527-3887 International

Technical Service Telephone No.
(800)-231-3345 or (713)-263-8001

SECTION 2 – HAZARDS IDENTIFICATION

OSHA Hazards
No known OSHA hazards

GHS Classification
Acute toxicity, Oral (Category 5)
Eye irritation (Category 2B)

GHS Label elements, including precautionary statements



GHS07: Harmful/Irritant
Signal Word: **Warning**

Hazard Statements:
H303 - May be harmful if swallowed.
H320 - Causes eye irritation.

Precautionary Statements:

P102 - Keep out of reach of children.

P264 - Wash hands thoroughly after handling.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Summary Of Acute Hazards

May cause irritation to skin, eyes, and respiratory tract. May be harmful if swallowed or inhaled. Many of the systemic effects given below were taken from toxicity information for other phosphates.

Route Of Exposure, Signs And Symptoms

INHALATION

May cause irritation to the respiratory tract. Symptoms may include coughing and shortness of breath.

EYE CONTACT

May cause irritation, redness and pain.

SKIN CONTACT

May cause skin irritation.

INGESTION

Phosphates are slowly and incompletely absorbed when ingested, and seldom result in systemic effects.

Such effects, however, have occurred. Symptoms may include vomiting, lethargy, diarrhea, blood chemistry effects, heart disturbances and central nervous system effects. The toxicity of phosphates is because of their ability to sequester calcium. Systemic acidosis may result as this material is believed to hydrolyze into phosphoric acid when ingested.

SUMMARY OF CHRONIC HAZARDS

None known.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Individuals with pre-existing or chronic diseases of the eyes, skin, respiratory system, cardiovascular system, gastrointestinal system, liver, or kidneys may have increased susceptibility to excessive exposure.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient: Sodium Phosphate

Percentage By Weight: 43.4

CAS Number: 68915-31-1

EC#: 272-808-3

Ingredient: Sodium Metasilicate

Percentage By Weight: 22

CAS Number: 6834-92-0

EC#: 229-912-9

Ingredient:	Synthetic Camphor
Percentage By Weight:	4
CAS Number:	76-22-2
EC#:	200-945-0
Ingredient:	Benzotriazole
Percentage By Weight:	1
CAS Number:	95-14-7
EC#:	202-394-1

SECTION 4 – FIRST AID MEASURES

If inhaled:	If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Obtain emergency medical attention. Prompt action is essential.
If on skin:	Immediately wash with soap and water. Remove and wash any contaminated clothing.
If in eyes:	Flush with large amounts of water for 15 minutes. Get medical attention if irritation persists.
If swallowed:	If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing Media

Non-combustible. Use agents appropriate for surrounding fires.

Special Fire Fighting Procedures: None.

Unusual Fire And Explosion Hazards: None.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled: Sweep up excess material to prevent footing hazard. Discard in trash.

SECTION 7 – HANDLING AND STORAGE

Precautions To Be Taken In Handling And Storing: Store in dry place.

OTHER PRECAUTIONS: Avoid prolonged or repeated contact with skin or clothing.

KEEP OUT OF REACH OF CHILDREN.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient Units

Sodium Phosphate

ACGIH TLV: N/D

OSHA PEL: N/D

Sodium Metasilicate

ACGIH TLV: N/D

OSHA PEL: N/D

Synthetic Camphor

ACGIH TLV: N/D

OSHA PEL: N/D

Benzotriazole

ACGIH TLV: N/D

OSHA PEL: N/D

Respiratory Protection (Specify Type): Normally none required. Use NIOSH/MSHA approved particulate respirator for nuisance dust.

Ventilation – Local Exhaust: Acceptable

Special: N/A

Mechanical (General): Acceptable

Other: N/A

Protective Gloves: Wear rubber gloves.

Eye Protection: Safety glasses (ANSI Z-87.1 or equivalent)

Other Protective Clothing Or Equipment: Chemical resistant coveralls recommended.

Work/Hygienic Practices: Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Boiling point: N/A
 Specific gravity (H2O = 1): Solid

Vapor pressure (mmHg): N/A

Melting point: N/D

Vapor Density (Air = 1): N/A

Evaporation rate (Ethyl Acetate = 1): N/A

Appearance/Odor: Blue tablet/Camphor odor

Solubility in water: Soluble

Volatile Organic Compounds (VOC) Content
 (theoretical percentage by weight): 0% or (0 g/L)

Flash point: None
 Lower explosion limit: N/D
 Upper explosion limit: N/D

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable

Conditions To Avoid: None.

Incompatibility (Materials To Avoid): None known.

Hazardous Decomposition Products: None known.

Hazardous Polymerization: Will not occur.

SECTION 11 – TOXICOLOGY INFORMATION

Chronic Health Hazards

No ingredient in this product is an IARC, NTP or OSHA Lister carcinogen.

Toxicology Data

Ingredient Name

Sodium Phosphate

Oral-Rat LD50: 30530 mg/kg
 Inhalation-Rat LCLo: N/D

Sodium Metasilicate

Oral-Rat LD50: 2000-3000 mg/kg
 Inhalation-Rat LC50: N/D

Synthetic Camphor

Intraperitoneal-Rat LDLo: 900 mg/kg
 Inhalation-Mouse LCLo: 400 mg/m³/3H

Benzotriazole

Oral-Rat TDLo: 220 g/kg/78W-I
 Inhalation-Rat LCLo: N/D

SECTION 12 – ECOLOGICAL INFORMATION

Ecological Data

Ingredient Name:	Sodium Phosphate
Food Chain Concentration Potential	N/D
Waterfowl Toxicity	N/D
BOD	N/D
Aquatic Toxicity	N/D

Ecological Data (cont.)

Ingredient Name:	Sodium Metasilicate
Food Chain Concentration Potential	None
Waterfowl Toxicity	N/A
BOD	None
Aquatic Toxicity	2320 ppm/96 hr/mosquito fish/TLm

Ingredient Name:	Synthetic Camphor
Food Chain Concentration Potential	N/D
Waterfowl Toxicity	N/D
BOD	N/D
Aquatic Toxicity	N/D

Ingredient Name:	Benzotriazole
Food Chain Concentration Potential	N/D
Waterfowl Toxicity	N/D
BOD	N/D
Aquatic Toxicity	N/D

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Classification: Non-regulated solid waste

Disposal Method: Approved landfill

Waste from this product is not considered hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Dispose of in accordance with federal, state, and local regulation regarding pollution.

SECTION 14 – TRANSPORTATION INFORMATION

DOT:	Non-regulated
Ocean (IMDG):	Non-regulated
Air (IATA):	Non-regulated
WHMIS (Canada):	Non-regulated

SECTION 15 – REGULATORY INFORMATION

Regulatory Data

Ingredient Name: **Sodium Phosphate**
 SARA 313 No
 TSCA Inventory Yes
 CERCLA RQ N/A
 RCRA Code N/A

Ingredient Name: **Sodium Metasilicate**
 SARA 313 No
 TSCA Inventory Yes
 CERCLA RQ N/A
 RCRA Code N/A

Ingredient Name: **Synthetic Camphor**
 SARA 313 No
 TSCA Inventory Yes
 CERCLA RQ N/A
 RCRA Code N/A

Ingredient Name: **Benzotriazole**
 SARA 313 No
 TSCA Inventory Yes
 CERCLA RQ N/A
 RCRA Code N/A

SECTION 16 – OTHER INFORMATION

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200).
 The information herein is given in good faith, but no warranty, expressed or implied is made.

Consult RectorSeal for further information: (713) 263-8001