



# SAFETY DATA SHEET

SDS#: 830XXX\_E\_8

Product: TST® MAX RV Toilet Treatment DROP-INS™

Initial Date Prepared: 10/21/2014

Date Revised: 02/24/2020

Revision Number 8

## 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:

**Product Name:** TST® MAX RV / MARINE TOILET TREATMENT DROP-INS™

**Supplier:** Camco Manufacturing, Inc.  
121 Landmark Drive  
Greensboro, NC 27409  
1-800-334-2004

**Product Use:** Toilet Treatment / Odor Control

**Product Code:**

Citrus Scent, Orange Color: 41178 (10/bag), 41183 (30/bucket), 41185 (3/bag), 41189 (15/bag), 41200 (30/Bucket), 41201 (15/bag), 41353 (Marine 30/Bucket)

Fresh Scent, Green Color: 40261 (10/bag), 40263 (30/bucket), 40264 (15/bag)

Hibiscus Breeze Scent, Red Color: 41600 (15/bag), 40603 (10/bag), 41604 (30/bucket)

Lavender Scent, Purple Color: 41553 (30/bucket), 41556 (10/bag), 41559 (15/bag)

Lemon Scent, Yellow Color: 41570 (15/bag), 41573 (10/bag), 41577 (30/bucket)

Ocean Breeze Scent, Blue Color: 41613 (10/bag), 41614 (15/bag), 41615 (30/bucket)

**In case of Emergency:** 1-800-535-5053

## 2 – HAZARDS IDENTIFICATION:

**Classification:** Acute Toxicity, Dermal: ..... Category 4  
Acute Toxicity, Oral: ..... Category 4  
Eye Damage/Irritation: ..... Category 2A

**Hazard Pictogram(s):**



**Signal Word:** WARNING

**Hazard Phrases:** H302.....Harmful if swallowed.  
H312.....Harmful in contact with skin.  
H319.....Causes serious eye irritation.

**Precaution Phrases:** P233.....Keep container tightly closed.



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P264.....Wash hands thoroughly after handling.  
 P270 .....Do not eat, drink or smoke when using this product.  
 P280.....Wear protective gloves/protective clothing / eye protection / face protection.

**Response Phrases:**

P330.....Rinse Mouth.  
 P331 .....Do **NOT** induce vomiting.  
 P363.....Wash contaminated clothing before reusing.  
 P301+P312 .....IF SWALLOWED: Call a POISON CENTER or doctor / physician if you feel unwell.  
 P302+P352 .....IF ON SKIN: wash with plenty of water.  
 P305+351+338: ....IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337+313: .....If EYE irritation persists, get medical advice/attention.

**Storage and Disposal Phrases:**

P401 .....Store in a Dry Place.  
 P404 .....Store in a closed container.  
 P411 .....Store at temperatures not exceeding 45°C / 122°F  
  
 P501 .....Dispose of contents / container according to local, state regional, national, territorial, provincial, federal and international regulations.

**Potential Health Effects:**

**EYES:**

Contact with the eyes can cause irritation. Symptoms may include discomfort, pain or redness. Severe over exposure can result in swelling of the conjunctiva along with tissue damage, which may lead to blindness.

**SKIN:**

This product maybe irritating to the skin, depending on the duration of contact, symptoms may include reddening, discomfort, irritation, and possible tissue damage. Repeated contact with this material may produce dermatitis.

**INGESTION:**

This product may be harmful or fatal if swallowed. Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea. This product may cause methemoglobinemia upon ingestion characterized by cyanosis, headache, dizziness, fatigue, nausea, vomiting, drowsiness, stupor, coma and rarely death.

**INHALATION:**

This product is not anticipated to be irritating to the respiratory system. Inhalation of vapors or mists of the product may cause sneezing, coughing and difficulty breathing.

**Medical Conditions Aggravated by Exposure:**

Pre-existing skin and eye conditions

**3 - COMPOSITION, INFORMATION ON INGREDIENTS:**

Less than three percent (<3 %) of ingredients have undetermined acute oral toxicity data, acute dermal toxicity.

<u>NAME</u>	<u>CAS NUMBER</u>	<u>% WEIGHT</u>
Sodium Chloride	7647-14-5	65 – 75 *
Sodium Carbonate Peroxyhydrate	15630-89-4	25 – 35 *
Fragrance	Varies	< 4 *
Colorant	Varies	< 0.9 *

Fragrance usage level conforms to IFRA 48<sup>th</sup> Amendment for the maximum concentrations.



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\* Percent composition will vary by Product, from batch to batch or exact details are proprietary information.

## **4 - FIRST AID MEASURES:**

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

### **EYE CONTACT:**

Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Seek medical attention at once.

### **SKIN CONTACT:**

For skin contact, wash immediately with soap and water. If irritation persists, get medical attention.

### **INGESTION:**

If material is ingested, immediately contact a physician or poison control center. Dilute by giving water. Keep warm and quiet. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to a victim who is unconscious or is having convulsions.

### **INHALATION:**

If inhaled, immediately remove the affected person to fresh air. If the affected person is not breathing, apply artificial respiration. If irritation persists, get medical attention.

## **5 - FIRE-FIGHTING MEASURES:**

### **General Fire Hazards:**

This product is non-flammable and non-explosive.

### **Hazardous Combustion Products:**

Decomposition will yield heat and oxygen that can support combustion and cause pressure bursts in confined spaces or containers.

### **Extinguishing Media:**

Dry chemical, foam, carbon dioxide, water fog.

### **Fire Fighting Equipment/Instructions:**

Firefighters should wear full protective clothing including self-contained breathing apparatus.

## **6 - ACCIDENTAL RELEASE MEASURES:**

### **Containment Procedures:**

Stop the flow of material, if this is without risk. Wear appropriate protective equipment and clothing during clean-up. Contain the discharged material and dike the spilled material where possible. Prevent entry into sewers, drains, underground or confined spaces, water intakes and waterways

### **Clean-Up Procedures:**

Collect the product with suitable means, shovel or sweep. Avoid the generation of dust. Place material into appropriate container for disposal

### **Evacuation Procedures**

Isolate area. Keep unnecessary personnel away.

### **Special Procedures:**

Isolate exposure. Wear appropriate personal protective equipment. Follow all Local, State, Federal and Provincial regulations for disposal.

## **7 - HANDLING AND STORAGE:**

### **Handling Procedures:**

Open container carefully, as needed to relieve any build up of pressure. Do not get this material in your eyes, on your skin, or on your clothing. Do not inhale vapors or mists of this product. Use this product with adequate ventilation. Wash thoroughly after handling.



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## Storage Procedures:

Store in a cool, dry area. Do not freeze. Store away from direct sunlight and any sources of heat. Empty product containers may contain product residue. Do not reuse empty containers. Do not store this material in open or unlabeled containers.

## 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION:

**Regulatory Exposure Limits (REL's):** Listed below for the product components that have regulatory occupational exposure limits (OEL's) established. If no limits are displayed then no values were found or are applicable.

<u>Component</u>	<u>CAS Number:</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>NIOSH IDLH</u>	<u>WEEL</u>
Sodium Carbonate Peroxyhydrate	15630-89-4				
Particulates Not Otherwise Classified		Total Dust:15 mg/m <sup>3</sup> Respirable Fraction:15 mg/m <sup>3</sup>	Inhalable:10 mg/m <sup>3</sup> Respirable Fraction:3 mg/m <sup>3</sup>		

**Engineering Controls:** Ensure adequate ventilation / use in a well-ventilated area.

### Personal Protection:

Eye Protection: Safety goggles, face shield, or safety glasses

Skin Protection: Chemical resistant gloves. Apron / suit impervious to the material.

Respiratory Protection: Where OEL's may be reached or exceeded consult with an industrial hygienist for proper/approved respiration protection.

**General Hygiene:** Do **NOT** eat, drink, smoke or use cosmetics when handling this material. Avoid contact with eye, skin and clothing. Avoid breathing the mist.

## 9 - PHYSICAL AND CHEMICAL PROPERTIES:

<b>Appearance:</b> ..... Colored Granule in Film <sup>Δ</sup>	<b>Boiling Point</b> (°C/°F):..... Not Applicable
<b>Physical State:</b> ..... Granular Solid	<b>Flash Point</b> (°C/°F): ..... Not Applicable
<b>Odor:</b> ..... Varies by Product <sup>Δ</sup>	<b>Method:</b>
<b>Odor Threshold</b> (ppm): ..... Not Determined	<b>Flammable Limits in Air by Volume (%) :</b>
<b>pH</b> (10% solution, 20°C): ..... 10.0 – 10.5	<b>Lower:</b> Not Applicable
<b>Melting Point:</b> ..... Not Applicable	<b>Upper:</b> Not Applicable
<b>Freeze Point:</b> ..... Not Applicable	<b>Vapor Pressure:</b> ..... Not Applicable
<b>Viscosity</b> dynamic (cps @ ___°C): . Not Applicable	<b>Vapor Density:</b> ..... Not Applicable
<b>Viscosity</b> kinematic (cps @ ___°C): Not Applicable	<b>Solubility, water:</b> ..... Readily
<b>Specific Gravity</b> (@ ___°C): ..... Not Applicable	<b>Other:</b> ..... Not Determined
<b>Bulk Density</b> (g/cm <sup>3</sup> ):..... 0.95 – 1.05	<b>Auto-ignition Temperature</b> (°C/°F) : . Not Determined
<b>Evaporation Rate:</b> ..... Not Determined	<b>Decomposition Temperature</b> (°C/°F): Not Determined
	<b>Volatile Organic Compounds</b> (%): 0

<sup>Δ</sup> Refer to the Product in Section 1 for the Odor and Color



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## 10 - STABILITY AND REACTIVITY:

### Reactivity:

Stable under recommended storage conditions.

### Chemical Stability:

Stable under normal conditions

### Conditions to Avoid:

Heat, flames and sparks.

### Incompatible Materials:

Acids, bases, salts of metals, reducing agents, oxidizing agents, flammable substances.

### Hazardous Decomposition Products:

Decomposition may yield oxygen and heat.

### Hazardous Polymerization:

Will not occur.

## 11 - TOXICOLOGICAL INFORMATION:

<u>PRODUCT</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Inhalation LC50</u>	
Toxicological Information on the product has not been determined.				
If data was found / known for the individual components, it is presented below				
<u>Component</u>	<u>CAS Number:</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Inhalation LC50</u>
Sodium Chloride	7647-14-5	GRAS		
Sodium Carbonate Peroxyhydrate	15630-89-4	Rat: 1034 mg/kg	Rabbit: > 2,000 mg/kg	No Data Found
<u>Component</u>	<u>CAS Number:</u>			
Sodium Carbonate Peroxyhydrate	15630-89-4			
<u>Repeated Dose Toxicity:</u> NOAEL 308 ppm (81-115 mg/kg bw/day, M & F). Predicted based on OECD for hydrogen peroxide.				
<u>Skin Corrosion/Irritation:</u> May cause slight irritation.				
<u>Serious Eye Damage/Irritation:</u> Can cause severe eye damage.				
<u>Respiratory or Skin Sensitization:</u> Not a skin sensitizer per EPA/GLP guidelines.				
<u>Carcinogenicity:</u> No Data Found				
<u>Toxicity to Reproduction:</u> No Data Found				
<u>Developmental Toxicity:</u> No Data Found				
<u>Germ Cell Mutagenicity:</u>				
<u>In Vitro</u> Negative based on OECD assessment 2003				
<u>In Vivo</u> Unlikely based on evaluations/tests for hydrogen peroxide				



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## 12 - ECOLOGICAL INFORMATION:

### PRODUCT

Ecotoxicity Information on the product has not been determined.

If data was found / known for the individual components, it is presented below

Component	CAS Number:
Sodium Chloride	7647-14-5

Hazards to Aquatic Environment:	
<u>Acute hazards:</u> Fish: LC <sub>50</sub> (Oncorhynchus mykiss, 96 h): 4747-7824 mg/L	
Aquatic Invertebrates: EC <sub>50</sub> (Daphnia magna, 48 h): 340-469 mg/L	
Aquatic Plants: No Data Found	
<u>Chronic hazards:</u> Fish: No Data Found	
Aquatic Invertebrates: No Data Found	
Aquatic Plants: No Data Found	
<u>Persistence &amp; Degradability</u> Biodegradation: No Data Found	
BOD/COD Ratio: No Data Found; Partition Coefficient: No Data Found	

Sodium Carbonate Peroxyhydrate	15630-89-4
Hazards to Aquatic Environment:	
<u>Acute hazards:</u> Fish: LC <sub>50</sub> (Fathead Minnow, 48 h): 50-100 mg/L	
Aquatic Invertebrates: LC <sub>50</sub> (Daphnia pulex, 48 h): 2-12 mg/L	
Aquatic Plants: No Data Found	
<u>Chronic hazards:</u> Fish: No Data Found	
Aquatic Invertebrates: No Data Found	
Aquatic Plants: No Data Found	
<u>Persistence &amp; Degradability</u> Biodegradation: No Data Found	
BOD/COD Ratio: No Data Found; Partition Coefficient: No Data Found	

## 13 - DISPOSAL CONSIDERATIONS:

### Disposal Instructions:

Dispose of waste material according to local, state, federal, and provincial regulations.

### RCRA & Hazardous Waste:

It is the responsibility of the waste generator to determine the proper waste identification and disposal method. Consult RCRA, Title 40 CFR 261 for hazardous waste classification and disposal.

## 14 - TRANSPORT INFORMATION:



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## US DOT per 49 CFR 100-185: NOT REGULATED

Proper Shipping Name: Not Applicable  
Hazard Class/Division: Not Applicable  
UN/NA Number Not Applicable  
Packing Group Not Applicable

**IMDG:** Refer to Current IMDG regulations for full shipping description requirements

**IATA:** This material is not prepared or packaged for air transportation

*International shipping requirements must be determined by the party offering the material for transportation. The manufacturer does not offer this material for international shipping.*

## 15 - REGULATORY INFORMATION:

### US FEDERAL REGULATIONS (for mixture components):

TSCA	SARA 302	SARA 304	SARA 311/312	SARA 313
Listed or Exempt	None Listed	None Listed	None Listed	None Listed
CWA 307 / 311	CAA 112 (Flammable Substances)	CAA 112 (Toxic Substances)		
None Listed	None Listed	None Listed		

### STATE (US) Right -to-Know (for mixture components):

STATE	COMPONENT	CAS #
Pennsylvania	Sodium Carbonate Peroxyhydrate	15630-89-4
New Jersey	Sodium Carbonate Peroxyhydrate	15630-89-4

### COUNTRY CHEMICAL LISTINGS (for mixture components):

AICS (Australia)	DSL (Canada)
Components Listed	Components Listed

## 16 - OTHER INFORMATION:

### HMIS Ratings:

HEALTH

FIRE

REACTIVITY

1

0

0

Hazard Scale:

0= Minimal

1 = Slight

2 = Moderate

3 = Serious

4 = Severe

\* = Chronic Hazard

### NFPA RATINGS:

HEALTH

FLAMMABILITY

REACTIVITY

OTHER

1

0

0

None

Hazard Scale:

0= Minimal

1 = Slight

2 = Moderate

3 = Serious

4 = Severe

### ACRONYMS

ACGIH: American Conference of Governmental Industrial Hygienists

LOEC: Lowest Observed Effect Level

AICS: Australian Inventory of Chemical Substances (AUS)

NFPA: National Fire Protection Association (US)

AUS: Australia

NICNAS: National Industrial Chemicals Notification & Assessment Scheme



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CAA:	Clean Air Act (US)	NIOSH:	National Institute for Occupational Safety and Health (US)
CAN:	Canada	NDA	No Data Available
CDC:	Center for Disease Control (US)	NDF	No Data Found
CEPA:	Canadian Environmental Protection Act (CAN)	NDSL	Non-Domestic Substances Inventory (CAN)
CERCLA:	Comprehensive Environmental Response, Compensation & Liability Act (US)	NOEC:	No Observed Effect Concentration
CWA:	Clean Water Act (US)	NTP:	National Toxicology Program (US DHHS)
DHHS:	Department of Health and Human Services (US)	OECD:	Organization for Economic Cooperation and Development
DOL:	Department of Labor (US)	OEL:	Occupational Exposure Limit
DOT:	Department of Transportation (US)	OSHA (US):	Occupational Safety and Health Administration (US)
DSL:	Domestic Substances List (CAN)	PEL:	Permissible Exposure Limit
ECHA:	European Chemicals Agency	RCRA:	Resource Conservation and Recovery Act (EPS US)
EINECS	European Inventory of Existing Commercial Chemical Substances	RTK:	Right to Know (US)
ELINCS	European List of Notified Chemical Substances	RQ	Reportable Quantity
EPA:	Environmental Protection Agency (US)	SARA:	Superfund Amendments and Reauthorization Act (US)
EPCRA:	Emergency Planning & Community Right-to-Know Act (US)	STEL:	Short Term Exposure Limit
GHS:	Global Harmonized System	TDG:	Transportation of Dangerous Goods (CAN)
GRAS:	Generally Regarded as Safe (US)	TLV:	Threshold Limit Value
HCIS:	Hazardous Chemical Information System (AUS)	TPQ:	Threshold Planning Quantity (US SARA)
HMIS	Hazardous Material Information System	TSCA	Toxic Substances Control Act
IARC:	International Agency for Research on Cancer	TWA:	Time Weighted Average
IATA:	International Air Transport Association	UEL	Upper Exposure Limit
IFRA:	International Fragrance Association	US:	United States
IMDG:	International Maritime Dangerous Goods	28 WHIMS	Workplace Hazardous Material Information System (CAN)

## DISCLAIMER

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The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. It is the responsibility of the user to determine the safety, toxicity and suitability of their own use, handling and disposal of this product