

MATERIAL SAFETY DATA SHEET

1 of 8

TST Drop-Ins

Section 1- Chemical Product and Company Identification

Product Name: TST 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: 41184, 41185, 41188 and 41189

Date of Preparation/Revision: October 13, 2014

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

Section 2- Hazards identification

Physical State: Powder. [BRIGHT ORANGE, POWDER WITH CHARACTERISTIC CITRUS ODOR]



Oxidizing Solid



Irritant

WARNING

GHS Classifications

Oxidizing Solids (Category 3)
Eye Damage / Irritation (Category 2A)
Acute Inhalation Toxicity (Category 3)
Skin Corrosion / Irritation (Category 3)
Acute Oral Toxicity (Category 3)

Hazard Statements

H272 May intensify fire; oxidizer
H316 Causes mild skin irritation
H319 Causes serious eye irritation
H335 May cause respiratory irritation
H302 Harmful if swallowed

Precautionary statements

P102 Keep out of reach of children
P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking
P233 Keep container tightly closed
P264 Wash thoroughly after handling
P270 Do not eat, drink or smoke when using this product

Response statements

P331 Do Not induce vomiting
P301 + P313 IF SWALLOWED: Immediately call a Poison Center or Doctor/Physician
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

MATERIAL SAFETY DATA SHEET

2 of 8

TST Drop-Ins

P321 Specific treatment (see First Aid Measures on Safety Data Sheet)

Storage precautionary statements

P402 Store in a dry place

P404 Store in a closed container

P411 Store at temperatures not exceeding 45° C / 113° F

Disposal

P501 Dispose of contents/container in accordance with local/regional/national regulations

WARNING! This product may be harmful or fatal if swallowed. This product is irritating to the eyes, respiratory system and skin. Irritating fumes and Oxygen released upon thermal processing or during combustion.

Potential Health Effects: Eyes

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

Potential Health Effects: Skin

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

Potential Health Effects: Ingestion

This product may be harmful or fatal if swallowed. If ingested, this product will immediately cause burns to the mouth, throat, esophagus and possibly the digestive tract. 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.

Potential Health Effects: Inhalation

This product is irritating to the respiratory system. Inhalation of vapors or mists of the product can cause sneezing, coughing and difficulty breathing.

Medical Conditions Aggravated by Exposure

Pre-existing skin and eye conditions.

HMIS Ratings: Health: 2 Fire: 0 Reactivity: 1

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

See toxicological information (section 11)

Section 3 - Composition, Information on Ingredients

<u>Name</u>	<u>CAS Number</u>	<u>% Volume</u>
Sodium Carbonate Peroxyhydrate	15630-89-4	25 - 35%
Sodium Chloride	7647-14-5	65 - 75%

Component Related Regulatory Information

This product is not regulated as defined by 49CFR 172.101 by the US Department of Transportation.

Component Information/Information on Non-Hazardous Components

This product is considered to be non-hazardous under 29 CFR 1910.1200

MATERIAL SAFETY DATA SHEET

3 of 8

TST Drop-Ins

Section 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. Do not induce vomiting. 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.
- Notes to Physician** Provide general supportive measures and treat symptomatically.

Section 5 - Fire-Fighting Measures

FLASH POINT: N/A **METHOD USED:** N/A
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A UPPER: N/A

General Fire Hazards

This product is non-flammable and non-explosive.

Hazardous Combustion Products

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

Extinguishing Media

Flood with water for extinguishing agent.

Fire Fighting Equipment/Instructions

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

NFPA Ratings: Health: 2 Fire: 0 Reactivity: 1 Other: OX

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Section 6 - Accidental release measures

Containment Procedures

Observe the protection measures given in Sections 5 and 8. Avoid materials and products which are incompatible with the product (see Section 10). Avoid direct contact of the product with moisture, except for emergencies and clean-up as describe in this MSDS.

Clean-Up Procedures

Collect the product with suitable means, shovel or sweep, avoiding the dust formation. 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.

MATERIAL SAFETY DATA SHEET

4 of 8

TST Drop-Ins

Section 7- Handling and Storage

Handling Procedures

Open container carefully, as to avoid any contact with moisture or humidity. 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.

Storage Procedures

Store in a cool, dry area. 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.

Section 8 - Exposure Controls / Personal Protection

Exposure Guidelines

A: General Product Information

Keep formation of dust to a minimum.

B: Component Exposure Limits

Sodium Percarbonate:

OSHA PEL: particulates not otherwise classified

Total dust 15 mg/m³

Respirable fraction 5 mg/m³

ACGIH TLV: particulates not otherwise classified

Inhalable 10 mg/m³ 1996

Respirable 3 mg/m³

TNA: No data available

STEL: No data available

Engineering Controls

Provide local and general exhaust ventilation to effectively remove and prevent buildup of any dust generated from the handling of this product.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

Wear chemical goggles and face shield.

Personal Protective Equipment: Skin

Wear impervious (neoprene) gloves.

Personal Protective Equipment: Respiratory

If ventilation is not sufficient to effectively prevent buildup of dust, appropriate approved NIOSH respiratory protection must be provided. Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2-1992). A written respiratory protection program, including provisions for medical certification, training, fit testing, exposure assessments, maintenance, inspection, cleaning, and convenient, sanitary storage must be implemented.

Personal Protective Equipment: General

Eye wash fountain and emergency showers are recommended. An emergency spill response will necessitate the use of more stringent personal protective equipment.

TST Drop-Ins

Section 9 - Physical and Chemical Properties

Appearance:	Bright Orange Powder
Odor:	Citrus Fragrance
Physical State:	Solid (Granular)
pH: (@59° F / 15° C) 1%	10.0 to 10.5
Vapor pressure:	Not Applicable
Vapor density:	Not Applicable
Boiling Point:	Not Applicable
Melting Point:	Not Determined
Solubility:	Completely
Bulk Density:	0.95 – 1.05 g/cm ³
Freeze Point:	Not Applicable
Flash Point (PMCC):	Not Applicable
Auto-ignition Temperature:	Not Applicable
Flammable Limits in Air by Volume:	Not Applicable
Evaporation Rate:	Not Applicable
Decomposition Temperature:	Not Applicable
Viscosity (cps):	Not Applicable

Physical Properties: Additional Information

No additional information available

Section 10 - Stability and Reactivity

Chemical Stability

This is a stable material, under certain conditions.

Chemical Stability: Conditions to Avoid

Avoid contact with water, acids, bases, salts of metals, reducing agents, organic material and flammable substances.

Incompatibility

This product is incompatible with flammable and combustible materials, strong oxidizing agents.

Hazardous Decomposition

Decomposition may yield oxygen and heat.

Hazardous Polymerization

Will not occur.

Section 11 - Toxicological Information

Acute and Chronic Toxicity

General Product Information

Acute Toxicity (oral): LD50 1.90 kg/kg ≈ 3g/kg

No other information available for the product.

Carcinogenicity

A: General Product Information

No carcinogenicity data available for this product.

B: Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

Chronic Toxicity

No information available for the product.

Epidemiology

No epidemiological data is available for this product.

MATERIAL SAFETY DATA SHEET

6 of 8

TST Drop-Ins

Neurotoxicity

No data available for this product.

Mutagenicity

No data available for this product.

Teratogenicity

No data available for this product.

Other Toxicological Information

No additional information available.

Section 12 - Ecological Information

Ecotoxicity

A: General Product Information

In high concentrations, this product may be harmful to both terrestrial and aquatic plant or animal life.

B: Component Analysis - Ecotoxicity - Aquatic Toxicity

No ecotoxicity data are available for this product's components.

Environmental Fate

No data available for this product.

Section 13 - Disposal Considerations

US EPA Waste Number & Descriptions

A: General Product Information

You must test your waste using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

Section 14 - Transport information

US DOT Information

This material is not hazardous as defined by 49CFR 172.101 by the US Department of Transportation.

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

Section 15 - Regulatory Information

U.S. Federal regulations

General Product Information

No additional information available.

MATERIAL SAFETY DATA SHEET

7 of 8

TST Drop-Ins

United States inventory (TSCA 8b): This material is listed or exempted.
SARA 302/304/311/312 extremely hazardous substances: No products were found.
SARA 302/304 emergency planning and notification: No products were found.
SARA 302/304/311/312 hazardous chemicals: No products were found
Clean Water Act (CWA) 307: No products were found.
Clean Water Act (CWA) 311: No products were found.
Clean Air Act (CAA) 112 accidental release prevention: No products were found.
Clean Air Act (CAA) 112 regulated flammable substances: No products were found.
Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

State regulations

Connecticut Carcinogen Reporting: This material is not listed.
Connecticut Hazardous Material Survey: This material is not listed.
Florida substances: This material is not listed.
Illinois Chemical Safety Act: This material is not listed.
Illinois Toxic Substances Disclosure to Employee Act: This material is not listed.
Louisiana Reporting: This material is not listed.
Louisiana Spill: This material is not listed.
Massachusetts Spill: This material is not listed.
Massachusetts Substances: This material is listed.
Michigan Critical Material: This material is not listed.
Minnesota Hazardous Substances: This material is not listed.
New Jersey Hazardous Substances: This material is listed.
New Jersey Spill: This material is not listed.
New Jersey Toxic Catastrophe Prevention Act: This material is not listed.
New York Acutely Hazardous Substances: This material is not listed.
New York Toxic Chemical Release Reporting: This material is not listed.
Pennsylvania RTK Hazardous Substances: This material is listed.
Rhode Island Hazardous Substances: This material is not listed
California Prop 65 Warning: This material is not listed

Additional Regulatory Information

A: General Product Information

All components are on the U.S. EPA TSCA Inventory List.

Section 16 - Other information

NFPA CODES: Health	2
Flammability	0
Reactivity	1
Other	OX

Note - NFPA ratings are based on a 0-4 rating scale with 0 representing minimal hazards or risks and 4 representing extreme hazards or risks

Date of Preparation/Revision: October 13, 2014 (Supersedes all previous MSDS and SDS)

DISCLAIMER

To the best of our knowledge, the information contained herein is accurate, obtained from sources believed by Camco Manufacturing, Inc., to be accurate. However, the information is provided without any representation or warranty, expressed or implied, regarding its accuracy or correctness.

MATERIAL SAFETY DATA SHEET

8 of 8

TST Drop-Ins

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.