



SAFETY DATA SHEET

SDS#: 830398_E_6

Product: TST ® GREY WATER ODOR CONTROL

Initial Date Prepared: 10/21/2014

Date Revised: 9/10/2019

Revision Number 6

1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:

Product Name: TST ® Grey Water Odor Control

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

Product Use: Odor Control / Cleaning Agent
Product Code: 40252 (32 oz), 40256 (64 oz)

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 2B
Skin Corrosion / Irritation..... Category 2B

Hazard Pictogram(s):



Signal Word: WARNING

Hazard Phrases: H302.....Harmful if swallowed.
H312.....Harmful in contact with skin.
H315.....Causes skin Irritation.
H320Causes eye irritation.

Precaution Phrases: P262.....Avoid getting on clothing, in eye, or on skin.
P264.....Wash hands thoroughly after handling.
P270Do not eat, drink or smoke when using this product.
P280.....Wear protective gloves / protective clothing / eye protection / face protection.

Response Phrases: P321Specific treatment: see Section 4: First Aid on this SDS.
P322.....Specific measures: see Section 4: First Aid on this SDS.
P330.....Rinse mouth.
P362.....Take off contaminated clothing.
P363.....Wash contaminated clothing before use.
P301+P312IF SWALLOWED: Call a Poison Center or a Doctor / Physician, if you feel unwell.
P302+P352IF ON SKIN: wash with plenty of water.
P332+P313If SKIN IRRITATION occurs get medical attention.
P337+P313If EYE IRRITATION persists: get medical advice / attention.
P305+351+338:IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



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Storage and Disposal Phrases: P501Dispose of contents / container according to local, state regional, national, territorial, provincial, federal and international regulations.

Potential Health Effects:

Product may cause irritation to eyes and skin.

EYES:

Contact with the eyes may cause irritation. Symptoms may include discomfort, pain or redness.

SKIN:

Contact with skin may cause irritation, symptoms may include reddening and discomfort.

INGESTION:

This product is harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

INHALATION:

This product is not anticipated to be irritating to the respiratory system but over exposure to mist/spray of the product may cause sneezing, coughing and difficulty breathing.

3 - COMPOSITION, INFORMATION ON INGREDIENTS:

<u>NAME</u>	<u>CAS NUMBER</u>	<u>% WEIGHT</u>	<u>CLASSIFICATION</u>
Linear Alcohol Ethoxylate	68439-46-3	2 – 5 *	H302, 4, Harmful if Swallowed H318, 1, Causes serious eye damage
Sodium Laureth Sulfate	68585-34-2	1 – 4 *	H315, 2, Skin Irritation H318, 1, Causes serious eye damage H319, 2, Eye Irritation
Sodium Alkylbenzene Sulfonate	68081-81-2	1 – 4 *	H302, 4, Maybe harmful if swallowed. H315, 2, Skin Irritation H319, 2, Eye Irritation
Isopropyl Alcohol	67-63-0	0.5– 2 *	H225, 2, Flammable Liquid. H319, 2, Eye Irritation
Sodium Carbonate	497-19-8	< 0.5 *	H336, 3, STOT-RE H319, 2, Eye Irritation

Fragrance usage level conforms to IFRA 48th Amendment for the maximum concentrations.

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

4 – FIRST AID MEASURES:

General: Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid. Never attempt to give anything orally (by mouth) to a person that is unconscious. If you or another person feels unwell, seek medical advice. Show label to the medical personnel if possible.

Eye Contact: Do not rub eyes. Rinse eyes carefully for at least 15 minutes with low-pressure water. If contact lenses are present, remove if easy to do so. Continue rinsing. Seek medical attention if irritation develops and persists.

Skin Contact: Remove contaminated clothing. Rinse affected area with water for at least 5 minutes. Seek medical attention if irritation develops or persists.

Inhalation: Move from exposure area to fresh air. Monitor breathing. Seek medical attention if feeling unwell or problems breathing.

Ingestion: Rinse mouth with water. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician to get medical advice if one feels unwell.



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MOST IMPORTANT SYMPTOMS / EFFECTS. Acute and Delayed:

- General:** May cause eye and skin irritation. Maybe harmful if swallowed.
- Eye Contact:** Maybe cause irritation if in eyes.
- Skin Contact:** May cause irritation and or redness.
- Inhalation:** Respiratory irritation may cause coughing, choking and / or wheezing.
- Ingestion:** Irritation of the gastrointestinal tract may develop with increased thirst, nausea, and / or diarrhea.

5 – FIRE - FIGHTING MEASURES

EXTINGUISHING MEDIA:

Suitable: Water fog or fine spray, alcohol foams, carbon dioxide, or dry chemical.

Unsuitable: **DO NOT** use a heavy stream of water as this may spread the fire.

Fire Hazard: Non-Flammable

Explosion Hazard: Product is not explosive.

Special Hazards: Combustion may produce irritating and /or toxic gases / fumes..

6 – ACCIDENTAL RELEASE MEASURES:

- Personal Precautions:** Prevent eye, skin and clothing contact. Avoid breathing mist. Spilled material may present a slip hazard on some surfaces.
- Environmental Precautions:** Prevent large spills from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12 for Ecological Information/Data.
- Containment and Clean up:** Stop spill or leak at source if safe to do so. Sweep / Vacuum up spillage and collect in suitable container. Avoid generation of dust / ventilate area of spillage. .

7 – HANDLING AND STORAGE:

- Precautions for Safe Handling:** Avoid contact with eyes, skin, and clothing. Wash hands thoroughly after handling. Do not eat or drink or use cosmetics after handling without washing hands.
- Conditions for safe storage:** Store in a cool, dry area. Keep containers dry and tightly closed to avoid moisture absorption or contamination. .
- Incompatible Materials:** None known.

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>
Isopropyl Alcohol	67-63-0	TWA: 200 ppm	TWA: 200 ppm	

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 maybe 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.



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9 - PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: Liquid, pale yellow	Boiling Point (°C/°F):..... > 100 / > 212
Physical State: Liquid	Flash Point (°C/°F): > 95 / > 203
Odor: Mild Lemon	Method:
Odor Threshold (ppm): Not Determined	Flammable Limits in Air by Volume (%) :
pH (10% solution, 20°C): 9 – 11	Lower: Not Determined
Melting Point (°C/°F): Not Determined	Upper: Not Determined
Freeze Point (°C/°F): 0 / 32	Vapor Pressure: Not Determined
Viscosity dynamic (cps @ 25 °C): .. < 50	Vapor Density: Not Determined
Viscosity kinematic (cps @ ___°C): Not Determined	Solubility, water: Soluble
Specific Gravity (@ 21°C): 1.00 - 1.04	Other: Not Determined
Bulk Density (g/cm ³): Not Applicable	Auto-ignition Temperature (°C/°F) :. Not Determined
Evaporation Rate: Similar to Water	Decomposition Temperature (°C/°F): Not Determined
	Volatile Organic Compounds (%) : < 2

10 - STABILITY AND REACTIVITY:

Reactivity:

Not reactive.

Chemical Stability:

Stable under normal temperatures and pressures.

Conditions to Avoid:

None known.

Incompatible Materials:

Strong oxidizing agents.

Hazardous Decomposition Products:

Decomposition may yield harmful/toxic gases/vapors like carbon monoxide, carbon dioxide and oxides of nitrogen.

Hazardous Polymerization:

Not expected to occur.

11 - TOXICOLOGICAL INFORMATION:

PRODUCT	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Inhalation LC50</u>
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Toxicological Information on the product has not been determined.

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

Component	<u>CAS Number:</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Inhalation LC50</u>
Linear Alcohol Ethoxylate	68439-46-3	Rat: 1378 mg/kg	Rabbit: > 2000 mg/kg	



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Sodium Alkylbenzene Sulfonate	68081-81-2	Rat: 2000 mg/kg	Rabbit: > 2000 mg/kg
Isopropyl Alcohol	67-63-0	Rat: 5045 mg/kg	Rabbit 12,800 mg/kg 1600 ppm: 4hr (rat)
Sodium Carbonate	497-19-8	Rat: 2080 mg/kg	

<u>Component</u>	<u>CAS Number:</u>
Linear Alcohol Ethoxylate	68439-46-3

Skin Corrosion/Irritation: Prolonged skin contact may cause temporary irritation

Serious Eye Damage/Irritation: Causes severe eye damage.

Respiratory or Skin Sensitization: No Data Found

Carcinogenicity: Not considered carcinogenic by IARC, ACGIH, NTP or OSHA.

Toxicity to Reproduction: No Data Found

Developmental Toxicity: No Data Found

Germ Cell Mutagenicity: No Data Found

STOT – Single exposure No Data Found

STOT – Repeated exposure No Data Found

Sodium Alkylbenzene Sulfonate	68081-81-2
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Skin Corrosion/Irritation: Irritating, rabbit. 24 hrs

Serious Eye Damage/Irritation: Severe irritant, rabbit. 24 hrs

Respiratory or Skin Sensitization: No Data Found

Carcinogenicity: No Data Found

Toxicity to Reproduction: No Data Found

Developmental Toxicity: No Data Found

Germ Cell Mutagenicity: No Data Found

STOT – Single exposure No Data Found

STOT – Repeated exposure No Data Found

Isopropanol	67-63-0
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Skin Corrosion/Irritation: Non-irritating, rabbit.

Serious Eye Damage/Irritation: Irritant, rabbit.

Respiratory or Skin Sensitization: No Data Found

Carcinogenicity: No Data Found

Toxicity to Reproduction: No Data Found



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Developmental Toxicity: No Data Found

Germ Cell Mutagenicity: No Data Found

STOT – Single exposure Category 3, Oral, CNS Narcotic effects, drowsiness, dizziness.

STOT – Repeated exposure No Data Found

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

<u>Component</u>	<u>CAS Number:</u>
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Linear Alcohol Ethoxylate 68439-46-3

Hazards to Aquatic Environment:

Acute hazards: Fish: LC₅₀ (Pimephales promelas, 96 h): 6 - 12 mg/L

Aquatic Invertebrates: EC₅₀ (Water Flea, 48 h): 2.9 – 8.5 mg/L

Algae: EC₅₀ (Algae, 72 h): 10 - 100 mg/L

Chronic hazards: Fish: No Data Found

Aquatic Invertebrates: No Data Found

Aquatic Plants: No Data Found

Persistence & Degradability Biodegradation: No Data Found

BOD/COD Ratio: No Data Found

Partition Coefficient: No Data Found

Sodium Alkylbenzene Sulfonate 68081-81-2

Hazards to Aquatic Environment:

Acute hazards: Fish: No Data Found

Aquatic Invertebrates: No Data Found

Aquatic Plants: No Data Found

Chronic hazards: Fish: NOEC Oncorhynchus kisutch 3d: 3.1 mg/L
LOEC Oncorhynchus kisutch 3d: 5.6 mg/L

Aquatic Invertebrates: NOEC Daphnia 7d: 4.mg/L

Aquatic Plants: No Data Found

Persistence & Degradability Biodegradation: No Data Found

BOD/COD Ratio: No Data Found;

Partition Coefficient: No Data Found



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Isopropyl Alcohol 67-63-0

Hazards to Aquatic Environment:

Acute hazards: Fish: LC₅₀ (Pimephales promelas, 96 h): 9,640 mg/L

Aquatic Invertebrates: EC₅₀ Daphnia Magna, 24 hr: >100 mg/L static

Aquatic Plants: EC₅₀ Scenedesmus quadricauda, 7 d: >100 mg/L static

Chronic hazards: Fish: No Data Found

Aquatic Invertebrates: No Data Found

Aquatic Plants: No Data Found

Persistence & Degradability Biodegradation: Readily Biodegradable

BOD/COD Ratio: BOD 5d = 53%

Partition Coefficient: 0.05

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:

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

TDG: NOT REGULATED

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		



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

STATE	COMPONENT	CAS #
Massachusetts	Isopropyl Alcohol	67-63-0
New Jersey	Isopropyl Alcohol	67-63-0
Pennsylvania	Isopropyl Alcohol	67-63-0
California Prop 65		No products listed on Prop 65 to the best of our knowledge

COUNTRY CHEMICAL LISTINGS(for mixture components):

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

16 - OTHER INFORMATION:

HMIS Ratings:	HEALTH 1	FIRE 0	REACTIVITY 0
Hazard Scale: 0= Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic Hazard			

NFPA RATINGS:	HEALTH 1	FLAMMABILITY 0	REACTIVITY 0	OTHER 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
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



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EPA: Environmental Protection Agency (US)
 EPCRA: Emergency Planning & Community Right-to-Know Act (US)
 GHS: Global Harmonized System
 GRAS: Generally Regarded as Safe (US)
 HCIS: Hazardous Chemical Information System (AUS)
 HMIS: Hazardous Material Information System
 IARC: International Agency for Research on Cancer
 IATA: International Air Transport Association
 IFRA: International Fragrance Association
 IMDG: International Maritime Dangerous Goods

SARA: Superfund Amendments and Reauthorization Act (US)
 STEL: Short Term Exposure Limit
 TDG: Transportation of Dangerous Goods (CAN)
 TLV: Threshold Limit Value
 TPQ: Threshold Planning Quantity (US SARA)
 TSCA: Toxic Substances Control Act
 TWA: Time Weighted Average
 UEL: Upper Exposure Limit
 US: United States
 WHIMS: Workplace Hazardous Material Information System (CAN)

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.

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