

Safety Data Sheet Spartan Chemical Company, Inc.

Revision Date: 01-Apr-2021

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: SANI-T-10 PLUS
Product Number: 3159 , 4801 , 31591
Recommended Use: No Rinse Sanitizer

Uses Advised Against: For Industrial and Institutional Use Only

Manufacturer/Supplier: Spartan Chemical Company, Inc.

1110 Spartan Drive Maumee, Ohio 43537 USA 800-537-8990 (Business hours) www.spartanchemical.com

24 Hour Emergency Phone Numbers:

Medical Emergency/Information: 888-314-6171

Transportation/Spill/Leak: CHEMTREC 800-424-9300

2. HAZARDS IDENTIFICATION

GHS Classification

Acute Toxicity - Oral: Category 4

Skin Corrosion/Irritation: Category 1 Sub-category B

Serious Eye Damage/Eye Irritation: Category 1

GHS Label Elements

Signal Word:

Symbols:

Danger



Hazard Statements: Harmful if swallowed.

Causes severe skin burns and serious eye damage.

Precautionary Statements:

Prevention: Wash hands and any exposed skin thoroughly after handling.

Do not eat, drink or smoke when using this product

Do not breathe mist, vapors or spray.

Wear protective gloves. Wear eye / face protection. Wear protective clothing.

Response: IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.

-Eyes IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

-Skin IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water

or shower. Wash contaminated clothing before reuse.

-Inhalation: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for

breathing.

-Ingestion: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

-Specific Treatment: See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.

Storage: Store locked up.

Disposal: Dispose of contents and container in accordance with local, state and federal regulations.

Hazards Not Otherwise Classified: Not Applicable

Other Information: • Corrosive

• Inhalation of vapors or mist may cause respiratory irritation.

· Keep out of reach of children

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric

lavage.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Water	7732-18-5	60-100
Dicapryl/Dicaprylyl Dimonium Chloride	68424-95-3	3-7
Alkyl C12-16 Dimethylbenzyl Ammonium Chloride	68424-85-1	1-5
Alcohol	64-17-5	1-5

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

-Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and

easy to do. Continue rinsing. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.

-Skin Contact: Take off immediately all contaminated clothing and shoes. Rinse with water or shower for

at least 15 minutes. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN. Wash

contaminated clothing before reuse. Discard or destroy contaminated shoes.

-Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.

-Ingestion: Rinse mouth. Do NOT induce vomiting. IMMEDIATELY CALL A POISON CENTER OR

PHYSICIAN. Never give anything by mouth to an unconscious person. Call a poison center

or physician if you feel unwell.

Note to Physicians: NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric

lavage.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Product does not support combustion, Use extinguishing agent suitable for type of

surrounding fire

Specific Hazards Arising from the

Chemical:

Dried product is capable of burning. Combustion products are toxic.

Hazardous Combustion Products: May include Carbon monoxide Carbon dioxide and other toxic gases or vapors.

Protective Equipment and Precautions for Firefighters:

Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full

protective gear. Cool fire-exposed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Environmental Precautions: Methods for Clean-Up: Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

Do not rinse spill onto the ground, into storm sewers or bodies of water.

Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

7. HANDLING AND STORAGE

Advice on Safe Handling: Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly

after handling.

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach

of children. Keep from freezing.

Suggested Shelf Life: 1 year from date of manufacture.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH		
Alcohol	STEL: 1000 ppm	TWA: 1000 ppm	IDLH: 3300 ppm		
64-17-5		TWA: 1900 mg/m ³	TWA: 1000 ppm		
		(vacated) TWA: 1000 ppm	TWA: 1900 mg/m ³		
		(vacated) TWA: 1900 mg/m ³			

Engineering Controls: Provide good general ventilation.

If work practices generate dust, fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other

engineering controls should be considered.

Eye wash stations and shower facilities should be readily accessible in areas where the

product is handled.

Personal Protective Equipment

Eye/Face Protection: Wear splash goggles.

Skin and Body Protection: Wear rubber or other chemical-resistant gloves.

Respiratory Protection: Not required with expected use.

If occupational exposure limits are exceeded or respiratory irritation occurs, use of a NIOSH/MSHA approved respirator suitable for the use-conditions and chemicals in Section

3 should be considered.

General Hygiene Considerations: Wash hands and any exposed skin thoroughly after handling.

See 29 CFR 1910.132-138 for further guidance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State:	Liquid
Color:	Clear Light yellow
Odor:	Low
pH:	6.0-8.0
Melting Point / Freezing Point:	No information available
Boiling Point / Boiling Range:	100 °C / 212 °F
Flash Point:	> 100 °C / > 212 °F ASTM D56
Evaporation Rate:	< 1 (BuAc = 1)
Flammability (solid, gas)	No information available
Upper Flammability Limit:	No information available
Lower Flammability Limit:	No information available
Vapor Pressure:	No information available
Vapor Density:	No information available
Specific Gravity:	0.990
Solubility(ies):	Soluble in water
Partition Coefficient:	No information available
Autoignition Temperature:	No information available
Decomposition Temperature:	No information available
Viscosity:	No information available

10. STABILITY AND REACTIVITY

Reactivity: This material is considered to be non-reactive under normal conditions of use.

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous Reactions: Not expected to occur with normal handling and storage.

Conditions to Avoid: Extremes of temperature and direct sunlight. Incompatible Materials: Strong oxidizing agents. Strong acids.

Hazardous Decomposition May include carbon mor

Products:

May include carbon monoxide, carbon dioxide (CO2) and other toxic gases or vapors.

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Eyes, Skin, Ingestion, Inhalation.

Symptoms of Exposure:

-Eye Contact: Pain, redness, swelling of the conjunctiva and tissue damage. Eye contact may cause

permanent damage.

-Skin Contact: Pain, redness, blistering and possible chemical burn.

-Inhalation: Nasal discomfort and coughing.

-Ingestion: Damage or chemical burns to mouth, throat and stomach. Pain, nausea, vomiting and

diarrhea.

Immediate, Delayed, Chronic Effects

Product Information: Data not available or insufficient for classification.

Numerical Measures of Toxicity

The following acute toxicity estimates (ATE) are calculated based on the GHS document.

ATEmix (oral): 997 mg/kg
ATEmix (dermal): 3000 mg/kg
ATEmix (inhalation-dust/mist): 5567.5 mg/l

Component Acute Toxicity Information

Chemical Name Oral LD50		Dermal LD50	Inhalation LC50	
Water 7732-18-5	> 90 mL/kg (Rat)	Not Available	Not Available	
Alkyl C12-16 Dimethylbenzyl Ammonium Chloride 68424-85-1	= 426 mg/kg(Rat)	Not Available	Not Available	
Alcohol 64-17-5	= 7060 mg/kg (Rat)	Not Available	= 124.7 mg/L (Rat) 4 h	

Carcinogenicity: No components present at 0.1% or greater are listed as to being carcinogens by ACGIH, IARC, NTP or OSHA.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Algae/Aquatic Plants	Fish	Toxicity to	Crustacea
			Microorganisms	
Alcohol	Not Available	12.0 - 16.0: 96 h	Not Available	9268 - 14221: 48 h Daphnia
64-17-5		Oncorhynchus mykiss mL/L		magna mg/L LC50 2: 48 h
		LC50 static 100: 96 h		Daphnia magna mg/L EC50
		Pimephales promelas mg/L		Static
		LC50 static 13400 - 15100:		
		96 h Pimephales promelas		
		mg/L LC50 flow-through		

Persistence and Degradability:
Bioaccumulation:

No information available.
No information available.

Marine Pollutant: Yes.

Other Adverse Effects: No information available

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes:Contaminated Packaging:
Dispose of in accordance with federal, state and local regulations.
Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT:

UN/ID No: UN1903

Proper Shipping Name: Disinfectants, liquid, corrosive, n.o.s. (contains quaternary ammonium)

Hazard Class: 8
Packing Group:

Special Provisions: Shipping descriptions may vary based on mode of transport, quantities, package size,

and/or origin and destination. Check with a trained hazardous materials transportation

expert for information specific to your situation.

IMDG:

UN/ID No: UN1903

Proper Shipping Name: Disinfectants, liquid, corrosive, n.o.s. (contains quaternary ammonium), Marine Pollutant

Hazard Class: 8
Packing Group: II
Marine Pollutant: Yes.

Additional information: According to IMDG Code 2.10.2.7, marine pollutants packed in single or inner packagings

with a capacity of not more than 5 L or 5 kg are excluded from marine pollutant marking

requirements.

15. REGULATORY INFORMATION

TSCA Status: (Toxic Substance Control Act Section 8(b) Inventory)

All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

SARA 313

This product does not contain listed substances above the "de minimus" level

SARA 311/312 Hazard Categories

Acute Health Hazard: Yes
Chronic Health Hazard: No
Fire Hazard: No
Sudden release of pressure hazard: No
Reactive Hazard: No

California Proposition 65

This product is not subject to warning requirements under California Proposition 65.

EPA Pesticide Registration Number: 10324-117-5741

EPA Statement:

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

EPA Pesticide Label:

DANGER. Keep Out of Reach of Children. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing spray mist. Do not get into eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves and protective clothing when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

16. OTHER INFORMATION

NFPA Health Hazards: 3 Flammability: 0 Instability: 0 Special: N/A

HMIS Health Hazards: 3 Flammability: 0 Physical Hazards: 0

Revision Date: 01-Apr-2021 Reasons for Revision: Section, 14

Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet
