

SAFETY DATA SHEET

Date Prepared : 06/04/2015

SDS No : Triple S_62 Perisept

SSS Navigator #62 Perisept Sporidical Disinfectant Cleaner

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SSS Navigator #62 Perisept Sporidical Disinfectant Cleaner

GENERAL USE: Disinfectant, Virucide, Fungicide

PRODUCT DESCRIPTION: Disinfectant

PRODUCT CODE: 48027

CHEMICAL FAMILY: Peracetic acid/Hydrogen Peroxide Blend

DISTRIBUTOR

Triple S

2 Executive Park Drive

Billerica, MA 01862

<http://www.triple-s.com>

Customer Service: 978-667-7900

24 HR. EMERGENCY TELEPHONE NUMBERS

888-779-1339

EPA REG. NO.: 10324-214-12120

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Skin Corrosion, Category 1

Eye Corrosion, Category 1

Acute Toxicity (Oral), Category 4

Physical:

Organic Peroxides, Type F

GHS LABEL



Corrosion



Flame



Exclamation
mark

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H314: Causes severe skin burns and eye damage.

H302: Harmful if swallowed.

H242: Heating may cause a fire.

PRECAUTIONARY STATEMENT(S)

Prevention:

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P261: Avoid breathing fume, gas, mist, vapors, or spray.

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P220: Keep away from clothing and other combustible materials.

P234: Keep only in original packaging.

P273: Avoid release to the environment.

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER or doctor/physician.
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P311: Call a POISON CENTER or doctor/physician.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P363: Wash contaminated clothing before reuse.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Storage:

P405: Store locked up.
P411+P235: Store at temperatures not exceeding 30°C/86°F. Keep cool.
P410+P403: Protect from sunlight. Store in a well-ventilated place.
P420: Store separately.

Disposal:

P501: Dispose of contents/container according to all local, state and Federal regulations.

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Clear Liquid

IMMEDIATE CONCERNS: Causes irreversible eye damage and skin burns.

POTENTIAL HEALTH EFFECTS

EYES: Corrosive, contact causes severe eye burns.

SKIN: Corrosive, causes skin burning.

SKIN ABSORPTION: Not Established

INGESTION: Harmful if swallowed.

INHALATION: Vapors are irritating to eyes and respiratory tract.

REPRODUCTIVE TOXICITY

REPRODUCTIVE EFFECTS: No known significant effects or critical hazards.

TERATOGENIC EFFECTS: No known significant effects or critical hazards.

CARCINOGENICITY:

The International Agency for Research on Cancer (IARC) has concluded that there is inadequate evidence for carcinogenicity of hydrogen peroxide in humans, but limited evidence in experimental animals (Group 3 - not classifiable as to its carcinogenicity to humans). The American Conference of Governmental Industrial Hygienists (ACGIH) has concluded that hydrogen peroxide is a 'Confirmed Animal Carcinogen with Unknown Relevance to Humans' (A3).

MUTAGENICITY: No known significant effects or critical hazards.

ROUTES OF ENTRY: Eye, skin, ingestion, Inhalation.

CANCER STATEMENT: None

SENSITIZATION: No known significant effects or critical hazards.

WARNING CAUTION LABELS: Corrosive

PHYSICAL HAZARDS: May be corrosive to certain metals.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Peroxyacetic Acid	5 - 6	79-21-0
Hydrogen Peroxide	24 - 29	7722-84-1
Acetic Acid	5 - 7	64-19-7
Sulfuric Acid	< 1	7664-93-9
Water	55 - 75	7732-18-5

4. FIRST AID MEASURES

EYES: Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention immediately.

SKIN: Remove contaminated clothing. Immediately flush with water followed by washing with mild soap. Seek medical attention.

INGESTION: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

INHALATION: Remove victim to fresh air and monitor. Seek medical advice if irritation persists.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Severe burning sensation, damage marked by burns.

SKIN: Burning sensation, redness, swelling and possible blistering.

SKIN ABSORPTION: Not Established

INGESTION: Irritation of mouth, throat, along with stomach upset, vomiting.

INHALATION: Irritation of nose, throat and lungs with coughing, sneezing, possible difficulty breathing.

ACUTE TOXICITY: Corrosive to eyes and skin. Harmful if inhaled. Harmful if swallowed

NOTES TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: IIIA (140-200F)

EXTINGUISHING MEDIA: Use an extinguishing agent suitable for the surrounding fire.

HAZARDOUS COMBUSTION PRODUCTS: Not Established

OTHER CONSIDERATIONS: Although not flammable, this product, when exposed to high temperatures or fire, can contribute oxygen and intensify a surrounding fire.

EXPLOSION HAZARDS: None

FIRE FIGHTING PROCEDURES: Keep fire exposed containers cool with water stream or mist.

FIRE FIGHTING EQUIPMENT: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with full face-piece operated in positive pressure mode.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition can lead to release of irritating gases and vapors.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Shut off any ignition sources. Avoid runoff into storm sewers and ditches which lead to waterways.

LARGE SPILL: Shut off all ignition sources. Ventilate area. Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Avoid discharges into open waterways.

LAND SPILL: Avoid discharge to soil.

AIR SPILL: NA = Not Applicable

GENERAL PROCEDURES: Isolate spill or leak area immediately. Keep unauthorized personnel away. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, or confined areas. Absorb with dry earth, sand or other non-combustible material and transfer to containers.

RELEASE NOTES: Combustible materials, such as cardboard, wood or paper, exposed to hydrogen peroxide, an ingredient in this product, should be immediately submerged in, or rinsed with, large quantities of water to ensure that all hydrogen peroxide is removed. Residual hydrogen peroxide that is allowed to dry (upon evaporation hydrogen peroxide can concentrate) on organic materials such as paper, fabric, cotton, leather, wood or other combustibles can cause the material to ignite and result in fire.

SPECIAL PROTECTIVE EQUIPMENT: Eye protection, rubber gloves, rubber boots to protect feet.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Store away from excessive heat, spark or open flame. Do not store near flammable materials. Store at temperatures below 86F. Keep container closed until used. Do not store on wooden skids, shelving or wooden flooring.

Product must be stored on plastic surfaces. Do not contaminate water, food, or feed by storage or disposal.

HANDLING: Wear chemical resistant rubber or neoprene gloves and eye safety goggles/full face shield when handling.

STORAGE: Store in closed container away from heat, spark or open flame. Do not store near reducing agents, fuels or other non-compatible materials. For quality purposes, avoid temperatures above 86°F. Higher temperatures will accelerate decomposition resulting in a loss of activity. Do not store in direct sunlight, or near sources of ignition. Do not double stack.

STORAGE TEMPERATURE: (40°F) Minimum to (86°F) Maximum

STORAGE PRESSURE: Store at ambient atmospheric pressure.

SHELF LIFE: Expected shelf life is 1 year under controlled temperature storage.

COMMENTS: Combustible materials, such as cardboard, wood or paper, exposed to hydrogen peroxide, an ingredient in this product, should be immediately submerged in, or rinsed with, large quantities of water to ensure that all hydrogen peroxide is removed. Residual hydrogen peroxide that is allowed to dry (upon evaporation hydrogen peroxide can concentrate) on organic materials such as paper, fabric, cotton, leather, wood or other combustibles can cause the material to ignite and result in fire.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
Hydrogen Peroxide	TWA	1	1.4	1	1.4	NL	NL
	STEL					NL	NL
Acetic Acid	TWA	10	25	10	25	NL	NL
	STEL			15	37	NL	NL
Sulfuric Acid	TWA		1		0.2	NL	NL
	STEL				3	NL	NL

ENGINEERING CONTROLS: Provide mechanical ventilation when used in confined areas, or areas with poor ventilation.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Chemical splash goggles and full face-shield.

SKIN: Rubber or other chemical resistant gloves.

RESPIRATORY: A respirator is not needed under normal and intended conditions of product use.

PROTECTIVE CLOTHING: Chemical resistant outerwear (tyvek) if contact with spray or mist is anticipated.

WORK HYGIENIC PRACTICES: Wash with soap and water after handling. Do not eat, drink or smoke while using product.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Pungent

ODOR THRESHOLD: Not Established

COLOR: Water Clear

pH: < 1.0

PERCENT VOLATILE: >90

FLASH POINT AND METHOD: 83°C (181.4°F) Penske-Martin Closed Cup (PMCC)

FLAMMABLE LIMITS: Not established to Not established

AUTOIGNITION TEMPERATURE: Not Established

VAPOR PRESSURE: ~ 22 mm Hg at 25°C (77°F)

VAPOR DENSITY: Not Established
BOILING POINT: 212° F; 100° C
FREEZING POINT: 32° F; 0° C
MELTING POINT: NA = Not Applicable
THERMAL DECOMPOSITION: > 55°C
SOLUBILITY IN WATER: Complete
EVAPORATION RATE: (Water =1) 1.0
DENSITY: ~ 9.4 at 20°C (68°F)
SPECIFIC GRAVITY: 1.1 grams/ml. at 25°C (77°F)
VISCOSITY: Water thin.
(VOC): ≤ 13.000 % by weight

10. STABILITY AND REACTIVITY

REACTIVITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur.
STABILITY: Stable under normal storage and use conditions.
CONDITIONS TO AVOID: May react violently with strong alkalis. Open flames, elevated temperatures, any source of heat, combustibles such as paper and wood and contamination.
POSSIBILITY OF HAZARDOUS REACTIONS: Reacts violently with strong alkaline materials.
HAZARDOUS DECOMPOSITION PRODUCTS: Under normal conditions of storage and use, hazardous decomposition products should not be produced. Elevated temperatures (above 86F) can release oxygen that supports combustion and acetic acid vapors.
INCOMPATIBLE MATERIALS: Strong alkalis, reducing agents, chlorine Bleach, dirt, organic materials e.g. cellulose materials, dirt.

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)	INHALATION LC ₅₀ (rat)
Peroxyacetic Acid	1922 mg/kg (rat)	> 200 mg/kg (rabbit)	> 4000 mg/m3 (rat)
Hydrogen Peroxide	> 2000 mg/kg (rat)	> 2000 mg/kg (rabbit)	
Acetic Acid	3200 to 5600 mg/kg (rat)	1100 mg/kg (rat)	> 16000 mg/l (rat)

EYES: Corrosive

DERMAL LD₅₀: > 2000 mg/m3

Notes: 17% peracetic acid

SKIN ABSORPTION: Not Established

ORAL LD₅₀: ~ 1922 mg/kg Rat

INHALATION LC₅₀: Not Established

Notes: 5% peracetic acid: >4,000 mg/m (4hr)(rat)

EYE EFFECTS: Corrosive to eyes. Permanent damage may occur.

SKIN EFFECTS: Corrosive to skin.

CARCINOGENICITY

Chemical Name	IARC Status
Hydrogen Peroxide	Group 3 - Not classifiable as to its carcinogenicity to Humans

IARC:

The International Agency for Research on Cancer (IARC) has concluded that there is inadequate evidence for carcinogenicity of hydrogen peroxide in humans, but limited evidence in experimental animals (Group 3 - not classifiable as to its carcinogenicity to humans).

IRRITATION: Irritant

CORROSIVITY: Corrosive

SENSITIZATION: Not Established

NEUROTOXICITY: No known significant effects or critical hazards.

GENETIC EFFECTS: No known significant effects or critical hazards.

REPRODUCTIVE EFFECTS: No known significant effects or critical hazards.

TARGET ORGANS: No known significant effects or critical hazards.

TERATOGENIC EFFECTS: No known significant effects or critical hazards.

MUTAGENICITY: No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Not Established

ECOTOXICOLOGICAL INFORMATION: Not Established

BIOACCUMULATION/ACCUMULATION: Not Established

DISTRIBUTION: Not Established

AQUATIC TOXICITY (ACUTE)

96-HOUR LC₅₀: 1.6 mg/L, (Rainbow trout)

48-HOUR EC₅₀: 0.73 mg/L (daphnia magna)

CHEMICAL FATE INFORMATION: Not Established

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Attempt to use product completely in accordance with intended use. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at your local office, or the nearest EPA regional office for guidance.

FOR LARGE SPILLS: Consult with local and state authorities for large volume disposal.

PRODUCT DISPOSAL: Any method in accordance with local, state, and federal laws. Best method is to recycle or reuse for intended purpose.

EMPTY CONTAINER: Triple rinse container promptly after emptying. Fill container 1/4 full with water and recap. Shake for 10 seconds. Drain and repeat. Offer for recycling if available or puncture and dispose in a sanitary landfill, or by other procedures approved by state and local authorities.

RCRA/EPA WASTE INFORMATION: Corrosive

RCRA HAZARD CLASS: D002

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Organic Peroxide Type F, Liquid

TECHNICAL NAME: Peroxyacetic Acid, Type F, Stabilized

PRIMARY HAZARD CLASS/DIVISION: 5.2

SECONDARY HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: 3109

PACKING GROUP: II

NAERG: 154

PLACARDS: Organic Peroxide, Corrosive

LABEL: Organic Peroxide, Corrosive

AIR (ICAO/IATA)

SHIPPING NAME: Contact manufacturer for more information.

VESSEL (IMO/IMDG)

SHIPPING NAME: Contact manufacturer for more information.

15. REGULATORY INFORMATION

UNITED STATES

DOT LABEL SYMBOL AND HAZARD CLASSIFICATION



Corrosive



Organic
Peroxide

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Health Hazard - Acute; Reactivity hazard; Fire Hazard

FIRE: Yes **PRESSURE GENERATING:** No **REACTIVITY:** Yes **ACUTE:** Yes **CHRONIC:** No

EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt.%	CAS
Peroxyacetic Acid	5 - 6	79-21-0

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: Not Established

Chemical Name	Wt.%	CERCLA RQ
Peroxyacetic Acid	5 - 6	100 lbs.
Acetic Acid	5 - 7	5,000 lbs.
Sulfuric Acid	< 1	1,000 lbs.

CERCLA RQ: Not Established

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All ingredients are listed on the TSCA Chemical Inventory.

STATES WITH SPECIAL REQUIREMENTS

Chemical Name	Requirements
Peroxyacetic Acid	Pennsylvania Right to Know Substance New Jersey Right To Know Substance Massachusetts Right to Know Substance
Hydrogen Peroxide	Massachusetts Right to Know Substance New Jersey Right To Know Substance New York Right to Know Substance Pennsylvania Right to Know Substance
Acetic Acid	Pennsylvania Right to Know Substance New Jersey Right To Know Substance

CALIFORNIA PROPOSITION 65: No listed substance

RCRA STATUS: Not Established

CARCINOGEN: The International Agency for Research on Cancer (IARC) has concluded that there is inadequate evidence for carcinogenicity of hydrogen peroxide in humans, but limited evidence in experimental animals (Group 3 - not classifiable as to its carcinogenicity in humans).

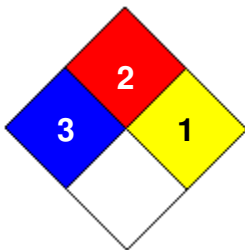
16. OTHER INFORMATION

PREPARED BY: Regulatory Affairs Dept. **Date Prepared:** 06/04/2015

HMIS RATING

HEALTH	<input type="text"/>	3
FLAMMABILITY		2
PHYSICAL HAZARD		1
PERSONAL PROTECTION		D

NFPA CODES



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