

SAFETY DATA SHEET

Date Prepared: 06/04/2015
Revision Date: 01/13/2021
Version No.: 2
SDS No.: Triple S_62 Perisept

SSS Navigator #62 Perisept Sporidical Disinfectant Cleaner

1. Product and Company Identification

Product identifier NAVIGATOR #62 PERISEPT SPORICIDAL DISINFECTANT CLEANER

Other means of identification

Product Code 48027, 48339

Product registration number 10324-214-12120

Recommended use FIFRA Regulated End Use Product (EUP)

Recommended restrictions None known.

Distributor information

Company name Triple S

Address 98 Spit Brook Road
Nashua, NH 03062
United States

Telephone (978) 667-7900
(800)-323-2251

Emergency phone number (888)-779-1339

2. Hazard(s) Identification

Physical hazards Flammable liquids Category 4
Organic peroxides Type F

Health hazards Acute toxicity, oral Category 4
Skin corrosion/irritation Category 1B
Serious eye damage/eye irritation Category 1
Specific target organ toxicity, single exposure Category 3 respiratory tract irritation

OSHA defined hazards Not classified.

GHS Label elements



Signal word

DANGER

Hazard statement

Combustible liquid. Harmful if swallowed. Causes severe skin burns and eye damage. Causes serious eye damage. May cause respiratory irritation.

Precautionary statement

Prevention

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response

If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. Wash contaminated clothing before reuse. In case of fire: Use appropriate media to extinguish.

Storage

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up.

Disposal

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

| | | |
|--|---|------------|
| Environmental hazards | Hazardous to the aquatic environment, acute hazard | Category 1 |
| | Hazardous to the aquatic environment, long-term hazard | Category 2 |
| Hazard(s) not otherwise classified (HNOC) | Very toxic to aquatic life. Toxic to aquatic life with long lasting effects. | |
| Supplemental information | 7% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment. | |

3. Composition/information on ingredients

Mixtures

| Chemical name | Common name and synonyms | CAS number | % |
|--|--------------------------|------------|-----------|
| Hydrogen Peroxide | | 7722-84-1 | 20 - < 30 |
| Acetic Acid | | 64-19-7 | 5 - < 10 |
| Peracetic Acid | | 79-21-0 | 5 - < 10 |
| Etidronic Acid | | 2809-21-4 | 1 - < 3 |
| Sulfuric Acid | | 7664-93-9 | < 1 |
| Other components below reportable levels | | | 50 - < 60 |

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

| | |
|---|--|
| Inhalation | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. |
| Skin contact | Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a physician or poison control center immediately. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse. |
| Eye contact | Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately. |
| Ingestion | Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. |
| Most important symptoms/effects, acute and delayed | Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause respiratory irritation. |
| Indication of immediate medical attention and special treatment needed | Provide general supportive measures and treat symptomatically. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to a affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed. |
| General information | If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. |

5. Fire-fighting measures

| | |
|--|--|
| Suitable extinguishing media | Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). |
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire. |
| Specific hazards arising from the chemical | The product is combustible, and heating may generate vapors which may form explosive vapor/air mixtures. During fire, gases hazardous to health may be formed. |
| Special protective equipment and precautions for firefighters | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| Fire fighting equipment/instructions | In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. |
| Specific methods | Use standard fire fighting procedures and consider the hazards of other involved materials. |
| General fire hazards | Combustible liquid. |

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, fires, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

TO NEUTRALIZE SPILL:

Add sodium carbonate (soda ash) at a rate of 1-3 pounds for each gallon of concentrated solution.

Eliminate all ignition sources (no smoking, fires, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. This product is miscible in water.

Large Spills: Stop the flow of material, if this is without risk. Use water spray to reduce vapors or divert vapor cloud drift. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent product from entering drains. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, pecc). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

IF CONTAMINATION OCCURS:

The drum or container may be hot to the touch. Cool the drum with water if possible. Excessive bubbles may be present in the liquid. Move the drum to an outside location or ventilated area to prevent exposure damage. If possible, dilute the concentrated product within the drum or container. Be aware that heat may be generated during this process.

Environmental precautions

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

7. Handling and storage

Precautions for safe handling

Keep away from open flames, hot surfaces and sources of ignition. Keep liquid away from clothing and other combustible materials. Keep away from heat, sparks and open flame. Do not breathe mist or vapor. Do not get in eyes, on skin, or on clothing. Avoid prolonged exposure. Do not taste or swallow. When using, do not eat, drink or smoke. Provide adequate ventilation. Wear appropriate personal protective equipment when handling. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store drums locked up. Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Keep only in the original container. Store in a well-ventilated place. Store material away from alkaline corrosive materials. Keep in an area equipped with sprinklers.

DO NOT allow the concentrated solution to contact any metals other than stainless steel. Preferred materials are plastics such as polypropylene, PVC, polyethylene, Kynar and PTFE.

DO NOT allow galvanized metal, copper, iron, steel or brass to come in contact with the concentrated solution.

DO NOT place anything into the concentrated container that is not new in order to avoid contamination and unwanted reaction.

DO NOT return unused solution back into the container.

DO NOT store the product in direct sunlight.

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Components | Type | Value |
|-----------------------------------|------|--------------------------------|
| Acetic Acid (CAS 64-19-7) | PEL | 25 mg/m ³ 10 ppm |
| Hydrogen Peroxide (CAS 7722-84-1) | PEL | 1.4 mg/m ³ 1 ppm |
| Sulfuric Acid (CAS 7664-93-9) | PEL | 1 mg/m ³ |

US. ACGIH Threshold Limit Values

| Components | Type | Value | Form |
|-----------------------------------|------|-----------|-------------------------------|
| Acetic Acid (CAS 64-19-7) | STEL | 15 ppm | |
| | TWA | 10 ppm | |
| Hydrogen Peroxide (CAS 7722-84-1) | TWA | 1 ppm | |
| Peracetic Acid (CAS 79-21-0) | STEL | 0.4 ppm | Inhalable fraction and vapor. |
| Sulfuric Acid (CAS 7664-93-9) | TWA | 0.2 mg/m3 | Thoracic fraction. |

US. NIOSH: Pocket Guide to Chemical Hazards

| Components | Type | Value |
|-----------------------------------|------|--------------------|
| Acetic Acid (CAS 64-19-7) | STEL | 37 mg/m3 15 ppm |
| | TWA | 25 mg/m3 10 ppm |
| Hydrogen Peroxide (CAS 7722-84-1) | TWA | 1.4 mg/m3 1 ppm |
| Sulfuric Acid (CAS 7664-93-9) | TWA | 1 mg/m3 |

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment**Eye/face protection**

Wear safety glasses with side shields (or goggles) and a face shield.

Skin protection**Hand protection**

Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

Other

Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Respiratory protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Chemical respirator with organic vapor cartridge.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

When using do not smoke. Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties**Appearance****Physical state**

Liquid.

Form

Liquid.

Color

Colorless

Odor

Pungent Vinegar

Odor threshold

Not available.

pH

> 1

Melting point/freezing point

Not available.

Initial boiling point and boiling range

212 °F (100 °C)

Flash point

181.4 °F (83.0 °C)

Evaporation rate

Not available.

Flammability (solid, gas)

Not applicable.

Upper/lower flammability or explosive limits

| | |
|--------------------------------|----------------|
| Flammability limit - lower (%) | Not available. |
| Flammability limit - upper (%) | Not available. |
| Explosive limit - lower (%) | Not available. |
| Explosive limit - upper (%) | Not available. |

Vapor pressure 22 mm Hg @ 25 deg C

Vapor density Not available.

Relative density Not available.

Solubility(ies)

Solubility (water) Miscible

Partition coefficient (n-octanol/water) Not available.

Auto-ignition temperature Not available.

Decomposition temperature Not available.

Viscosity Not available.

Other information

Specific gravity 1.1 @ 25 deg C

VOC (Weight %) 7 % estimated

10. Stability and reactivity

Reactivity Reacts violently with strong alkaline substances. This product may react with reducing agents.

Chemical stability Material is stable under normal conditions.

Possibility of hazardous reactions No dangerous reaction known under conditions of normal use.

Conditions to avoid Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Do not mix with other chemicals. Contact with incompatible materials.

Incompatible materials Bases. Strong oxidizing agents. Reducing agents.

Hazardous decomposition products Toxic gas.

11. Toxicological information**Information on likely routes of exposure**

Inhalation May cause irritation to the respiratory system. Prolonged inhalation may be harmful.

Skin contact Causes severe skin burns.

Eye contact Causes serious eye damage.

Ingestion Causes digestive tract burns. Harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause respiratory irritation.

Information on toxicological effects

Acute toxicity In high concentrations, vapors are anesthetic and may cause headache, fatigue, dizziness and central nervous system effects. Harmful if swallowed. May cause respiratory irritation.

| Components | Species | Test Results |
|--------------------------------|---------|---------------|
| Acetic Acid (CAS 64-19-7) | | |
| <u>Acute</u> | | |
| Oral | | |
| LD50 | Rat | 3310 mg/kg |
| Etidronic Acid (CAS 2809-21-4) | | |
| <u>Acute</u> | | |
| Dermal | | |
| LD50 | Rabbit | > 10000 mg/kg |

| Components | Species | Test Results |
|-----------------------------------|---------|-------------------------------|
| Oral LD50 | Rat | 3130 mg/kg |
| Hydrogen Peroxide (CAS 7722-84-1) | | |
| Acute | | |
| Dermal LD50 | Rabbit | > 2000 mg/kg |
| Inhalation LC50 | Rat | > 170 mg/m ³ , 4 h |
| Oral LD50 | Rat | 1193 - 1270 mg/kg |
| Peracetic Acid (CAS 79-21-0) | | |
| Acute | | |
| Dermal | Rabbit | 1147 mg/kg |
| Inhalation | Mouse | 204 mg/m ³ , 4 h |
| Oral | Rat | 1656 mg/kg |
| Sulfuric Acid (CAS 7664-93-9) | | |
| Acute | | |
| Inhalation LC50 | Rat | 375 mg/m ³ , 4 h |
| Oral LD50 | Rat | 2140 mg/kg |

* Estimates for product may be based on additional component data not shown.

| | |
|--|---|
| Skin corrosion/irritation | Causes severe skin burns and eye damage. |
| Serious eye damage/eye irritation | Causes serious eye damage. |
| Respiratory or skin sensitization | |
| Respiratory sensitization | Not a respiratory sensitizer. |
| Skin sensitization | This product is not expected to cause skin sensitization. |
| Germ cell mutagenicity | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |
| Carcinogenicity | Risk of cancer cannot be excluded with prolonged exposure. IARC has concluded that "occupational exposure to strong inorganic mists containing sulfuric acid is carcinogenic for humans (Group 1)". |
| IARC Monographs. Overall Evaluation of Carcinogenicity | |
| Hydrogen Peroxide (CAS 7722-84-1) | 3 Not classifiable as to carcinogenicity to humans. |
| Sulfuric Acid (CAS 7664-93-9) | 1 Carcinogenic to humans. |
| OSHA Specifi cally Regulated Substances (29 CFR 1910.1001-1050) | |
| Not listed. | |
| US. National Toxicology Program (NTP) Report on Carcinogens | |
| Sulfuric Acid (CAS 7664-93-9) | Known To Be Human Carcinogen. |
| Reproductive toxicity | This product is not expected to cause reproductive or developmental effects. |
| Specifi c target organ toxicity - single exposure | May cause respiratory irritation. |
| Specifi c target organ toxicity - repeated exposure | Not classified. |
| Aspiration hazard | Not an aspiration hazard. |
| Chronic effects | Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects. |

12. Ecological information

Ecotoxicity

Very toxic to aquatic life. Toxic to aquatic life with long lasting effects. Because of the low pH of this product, it would be expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems.

| Components | | Species | Test Results |
|-----------------------------------|------|---|--------------------|
| Acetic Acid (CAS 64-19-7) | | | |
| Aquatic | | | |
| <i>Acute</i> | | | |
| Algae | EC50 | Algae | > 1000 mg/l, 72 h |
| Crustacea | EC50 | Daphnia | > 1000 mg/l, 48 h |
| Fish | LC50 | Oncorhynchus mykiss | > 1000 mg/l, 96 h |
| Etidronic Acid (CAS 2809-21-4) | | | |
| Aquatic | | | |
| <i>Acute</i> | | | |
| Algae | EC50 | Algae | 7.23 mg/l, 96 h |
| Crustacea | EC50 | Daphnia | 527 mg/l, 48 h |
| Fish | LC50 | Oncorhynchus mykiss | 195 mg/l, 96 h |
| <i>Chronic</i> | | | |
| Algae | NOEC | Algae | 13 mg/l, 14 d |
| Crustacea | NOEC | Daphnia | 6.75 mg/l, 28 d |
| Hydrogen Peroxide (CAS 7722-84-1) | | | |
| Aquatic | | | |
| <i>Acute</i> | | | |
| Algae | EC50 | Algae | 1.38 mg/l, 72 h |
| Crustacea | LC50 | Daphnia | 2.4 mg/l, 48 h |
| Fish | LC50 | Fathead minnow (<i>Pimephales promelas</i>) | 16.4 mg/l, 96 h |
| <i>Chronic</i> | | | |
| Crustacea | NOEC | Daphnia | 0.63 mg/l, 21 d |
| Peracetic Acid (CAS 79-21-0) | | | |
| Aquatic | | | |
| <i>Acute</i> | | | |
| Algae | EC50 | Algae | 0.16 mg/l, 72 h |
| Crustacea | EC50 | Daphnia | 0.73 mg/l, 48 h |
| Fish | LC50 | Bluegill (<i>Lepomis macrochirus</i>) | 1.1 mg/l, 96 h |
| <i>Chronic</i> | | | |
| Crustacea | NOEC | Daphnia | 0.08 mg/l, 21 d |
| Fish | NOEC | Fish | 0.0022 mg/l, 33 d |
| Sulfuric Acid (CAS 7664-93-9) | | | |
| Aquatic | | | |
| <i>Acute</i> | | | |
| Algae | EC50 | Algae | > 100 mg/l, 72 h |
| Crustacea | EC50 | Daphnia | > 100 mg/l, 48 h |
| Fish | LC50 | Bluegill (<i>Lepomis macrochirus</i>) | 16 - 28 mg/l, 96 h |
| <i>Chronic</i> | | | |
| Crustacea | NOEC | Daphnia | 0.15 mg/l, 35 d |
| Fish | NOEC | Fish | 0.025 mg/l, 65 d |

* Estimates for product may be based on additional component data not shown.

Persistence and degradability

No data is available on the degradability of this product.

Bioaccumulative potential

See next page.

Partition coefficient n-octanol / water (log K_{ow})

Acetic Acid

-0.17

Mobility in soil

No data available.

Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations**Disposal instructions**

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 the nearest EPA Regional Office for guidance.

Local disposal regulations

Dispose in accordance with all applicable regulations.

Hazardous waste code

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information**DOT****UN number**

UN3109

UN proper shipping name

Organic peroxide type F, liquid (Peroxyacetic acid, type F, stabilized)

Transport hazard class(es)**Class**

5.2

Subsidiary risk

8

Label(s)

5.2, 8

Special precautions for user

Read safety instructions, SDS and emergency procedures before handling.

Special provisions

IP5

Packaging exceptions

152

Packaging non bulk

225

Packaging bulk

225

ERG number

145

IATA**UN number**

UN3109

UN proper shipping name

Organic peroxide type F, liquid (Peroxyacetic acid, type F, stabilized)

Transport hazard class(es)**Class**

5.2

Subsidiary risk

8

Environmental hazards

No.

ERG Code

5L

Special precautions for user

Read safety instructions, SDS and emergency procedures before handling.

Other information**Passenger and cargo aircraft**

Allowed.

Cargo aircraft only

Allowed.

IMDG**UN number**

UN3109

UN proper shipping name

ORGANIC PEROXIDE TYPE F, LIQUID (PEROXYACETIC ACID, TYPE F, STABILIZED)

Transport hazard class(es)**Class**

5.2

Subsidiary risk

8

Environmental hazards**Marine pollutant**

No.

EmS

F-J, S-R

Special precautions for user

Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not established.

DOT



IATA



IMDG



15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

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

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

| | |
|-------------------------------|---------|
| Acetic Acid (CAS 64-19-7) | Listed. |
| Peracetic Acid (CAS 79-21-0) | Listed. |
| Sulfuric Acid (CAS 7664-93-9) | Listed. |

SARA 304 Emergency release notification

| | |
|-----------------------------------|----------|
| Hydrogen Peroxide (CAS 7722-84-1) | 1000 LBS |
| Peracetic Acid (CAS 79-21-0) | 500 LBS |
| Sulfuric Acid (CAS 7664-93-9) | 1000 LBS |

OSHA Specifi cally Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - Yes
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance

| Chemical name | CAS number | Reportable quantity | Threshold planning quantity | Threshold planning quantity, lower value | Threshold planning quantity, upper value |
|-------------------|------------|---------------------|-----------------------------|--|--|
| Hydrogen Peroxide | 7722-84-1 | 1000 | 1000 lbs | | |
| Peracetic Acid | 79-21-0 | 500 | 500 lbs | | |
| Sulfuric Acid | 7664-93-9 | 1000 | 1000 lbs | | |

SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting)

| Chemical name | CAS number | % by wt. |
|----------------|------------|----------|
| Peracetic Acid | 79-21-0 | 5 - < 10 |
| Sulfuric Acid | 7664-93-9 | < 1 |

Other federal regulations**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Peracetic Acid (CAS 79-21-0)

Sulfuric Acid (CAS 7664-93-9)

Safe Drinking Water Act (SDWA) Not regulated.

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number

Sulfuric Acid (CAS 7664-93-9) 6552

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))

Sulfuric Acid (CAS 7664-93-9) 20 % WV

DEA Exempt Chemical Mixtures Code Number

Sulfuric Acid (CAS 7664-93-9) 6552

FIFRA Information

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. Listed below is the hazard information as required on the pesticide label.

Signal word DANGER
KEEP OUT OF REACH OF CHILDREN

Hazard statement CORROSIVE. Causes irreversible eye damage and skin burns. Harmful if swallowed. May be fatal if inhaled. Do not get into eyes, on skin or on clothing. Do not breathe vapors or spray mist.

US state regulations**US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)**

Not listed.

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Sulfuric Acid (CAS 7664-93-9)

US. Massachusetts RTK - Substance List

Acetic Acid (CAS 64-19-7)

Hydrogen Peroxide (CAS 7722-84-1)

Peracetic Acid (CAS 79-21-0)

Sulfuric Acid (CAS 7664-93-9)

US. New Jersey Worker and Community Right-to-Know Act

Acetic Acid (CAS 64-19-7)

Hydrogen Peroxide (CAS 7722-84-1)

Peracetic Acid (CAS 79-21-0)

Sulfuric Acid (CAS 7664-93-9)

US. Pennsylvania Worker and Community Right-to-Know Law

Acetic Acid (CAS 64-19-7)

Hydrogen Peroxide (CAS 7722-84-1)

Peracetic Acid (CAS 79-21-0)

Sulfuric Acid (CAS 7664-93-9)

US. Rhode Island RTK

Acetic Acid (CAS 64-19-7)

Hydrogen Peroxide (CAS 7722-84-1)

Peracetic Acid (CAS 79-21-0)

Sulfuric Acid (CAS 7664-93-9)

International Inventories

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|-----------------------------|--|------------------------|
| Australia | Australian Inventory of Chemical Substances (AICS) | Yes |
| Canada | Domestic Substances List (DSL) | Yes |
| Canada | Non-Domestic Substances List (NDSL) | No |
| China | Inventory of Existing Chemical Substances in China (IECSC) | Yes |
| Europe | European Inventory of Existing Commercial Chemical Substances (EINECS) | Yes |
| Europe | European List of Notified Chemical Substances (ELINCS) | No |
| Japan | Inventory of Existing and New Chemical Substances (ENCS) | Yes |
| Korea | Existing Chemicals List (ECL) | Yes |
| New Zealand | New Zealand Inventory | Yes |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | Yes |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 06-04-2015

Revision date 08-23-2016

Version # 02

NFPA ratings Health: 3
Flammability: 2
Instability: 0

| HMIS RATING | |
|---------------------|---|
| HEALTH | 3 |
| FLAMMABILITY | 2 |
| PHYSICAL HAZARD | 1 |
| PERSONAL PROTECTION | D |

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.

Revision Information Accidental release measures: Methods and materials for containment and cleaning up
Handling and storage: Conditions for safe storage, including any incompatibilities