

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : SaniDate 16.0 WWT
Product code : SDS-2330

1.2. Recommended use and restrictions on use

No additional information available

1.3. Supplier

BioSafe Systems, LLC
22 Meadow Street
East Hartford, Hartford, Connecticut 06108
USA
T 1-888-273-3088
www.BioSafeSystems.com

1.4. Emergency telephone number

Emergency number : 1-888-273-3088 | Chemtrec: 1-800-424-9300

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Flammable liquids Category 4	H227	Combustible liquid
Oxidizing liquids Category 1	H271	May cause fire or explosion; strong oxidizer
Acute toxicity (oral) Category 3	H301	Toxic if swallowed
Acute toxicity (inhalation) Category 4	H332	Harmful if inhaled
Skin corrosion/irritation Category 1A	H314	Causes severe skin burns and eye damage

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) :

Danger

Hazard statements (GHS US) :

H227 - Combustible liquid
H271 - May cause fire or explosion; strong oxidizer
H301 - Toxic if swallowed
H314 - Causes severe skin burns and eye damage
H332 - Harmful if inhaled

Precautionary statements (GHS US) :

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P391 - Collect spillage.
P273 - Avoid release to the environment.
P280 - Wear eye protection, protective gloves and clothing of butyl or "Viton".
P270 - Do not eat, drink or smoke when using this product.

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P264 - Wash thoroughly after handling.
P262 - Do not get in eyes, on skin, or on clothing.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Hydrogen Peroxide	CAS-No.: 7722-84-1	10 – 30
Water	CAS-No.: 7732-18-5	balance
Peroxyacetic acid	CAS-No.: 79-21-0	varies*
Aceitc Acid	CAS-No.: 64-19-7	14 – 16
Sulfuric Acid	CAS-No.: 7664-93-9	1 – 5

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general : Call a physician immediately.
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor/physician if you feel unwell.
First-aid measures after skin contact : Rinse skin with water/shower. Rinse immediately contaminated clothing and skin with plenty of water before removing clothes. Remove/Take off immediately all contaminated clothing. Call a physician immediately.
First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion : Rinse mouth. Call a physician immediately. Do not induce vomiting.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation : Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.
Symptoms/effects after skin contact : Burns.
Symptoms/effects after eye contact : Serious damage to eyes.
Symptoms/effects after ingestion : Burns.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

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SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard : Combustible liquid. May cause fire or explosion; strong oxidizer.
Explosion hazard : No direct explosion hazard.
Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage.

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.
Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapors/spray.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk.
Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : May be corrosive to metals.

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Precautions for safe handling	: Do not handle until all safety precautions have been read and understood. Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapors/spray.
Hygiene measures	: Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Keep in a cool, well-ventilated place away from heat.
Storage conditions	: Store in a well-ventilated place. Keep cool. Store locked up.
Incompatible materials	: Combustible materials.
Packaging materials	: Store always product in container of same material as original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls	: Ensure good ventilation of the work station.
Environmental exposure controls	: Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Wear recommended personal protective equipment.

Hand protection:
Protective gloves
Eye protection:
Safety glasses
Skin and body protection:
Wear fire/flame resistant/retardant clothing.
Respiratory protection:
Use respiratory protection. [In case of inadequate ventilation] wear respiratory protection.

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Clear, colorless liquid.

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Color	: Colorless
Odor	: vinegar-like Pungent
Odor threshold	: No data available
pH	: No data available
pH solution concentration	: 1 % solution
Melting point	: Not applicable
Freezing point	: -30 °C (-22°F)
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: 20 mm Hg (25°C)
Relative vapor density at 20°C	: No data available
Relative density	: 1.15 (Specific Gravity: 1.15)
Density	: 9.3 lb/gal
Solubility	: Complete.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: > 55 °C SADT (131°F)
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

May cause fire or explosion; strong oxidizer.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

Combustible materials.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Toxic if swallowed.

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Acute toxicity (dermal) : Not classified.
Acute toxicity (inhalation) : Harmful if inhaled.

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LD50 oral rat	> 3622 mg/kg
LD50 dermal rabbit	1040 – 1957 mg/kg body weight
LC50 Inhalation - Rat	> 5 mg/l
ATE US (oral)	196.439 mg/kg body weight
ATE US (dermal)	1040 mg/kg body weight
ATE US (gases)	4500 ppmV/4h
ATE US (vapors)	11 mg/l/4h
ATE US (dust, mist)	1.5 mg/l/4h
Hydrogen Peroxide (7722-84-1)	
LD50 oral rat	693.7 mg/kg Source: ECHA
LD50 dermal rabbit	3000 mg/kg Source: ChemIDPlus
LC50 Inhalation - Rat	2000 mg/m ³ Source: ChemIDPlus
ATE US (oral)	100 mg/kg body weight
ATE US (dermal)	3000 mg/kg body weight
ATE US (vapors)	2 mg/l/4h
ATE US (dust, mist)	2 mg/l/4h
Acetic Acid (64-19-7)	
LD50 oral rat	3310 mg/kg body weight (Rat, Male / female, Experimental value, Oral, 6 day(s))
LD50 oral	4960 mg/kg body weight Animal: mouse, Remarks on results: other:
LD50 dermal rabbit	1060 mg/kg Source: HSDB, NITE
LC50 Inhalation - Rat	11.4 mg/l (Equivalent or similar to OECD 403, 4 h, Rat, Female, Experimental value, Inhalation (vapours), 14 day(s))
LC50 Inhalation - Rat [ppm]	16000 ppm Source: ChemIDPlus
ATE US (oral)	3310 mg/kg body weight
ATE US (vapors)	11.4 mg/l/4h
ATE US (dust, mist)	11.4 mg/l/4h
Water (7732-18-5)	
LD50 oral rat	90000 mg/kg
ATE US (oral)	90000 mg/kg body weight
Peroxyacetic acid (79-21-0)	
LD50 oral rat	1540 mg/kg
LD50 dermal rabbit	1410 mg/kg
LC50 Inhalation - Rat	0.45 mg/l
ATE US (oral)	100 mg/kg body weight
ATE US (dermal)	1410 mg/kg body weight

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Peroxyacetic acid (79-21-0)	
ATE US (gases)	700 ppmV/4h
ATE US (vapors)	0.45 mg/l/4h
ATE US (dust, mist)	0.45 mg/l/4h
Sulfuric Acid (7664-93-9)	
LD50 oral rat	2140 mg/kg Source: ECHA
LC50 Inhalation - Rat	0.375 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)
LC50 Inhalation - Rat (Dust/Mist)	0.375 mg/l Source: ECHA
ATE US (oral)	2140 mg/kg body weight
ATE US (dust, mist)	0.375 mg/l/4h
Skin corrosion/irritation	: Causes severe skin burns.
Hydrogen Peroxide (7722-84-1)	
pH	2.02 (50 %, 21 °C)
Acetic Acid (64-19-7)	
pH	2.4 (0.1 mol/l)
Water (7732-18-5)	
pH	7
Peroxyacetic acid (79-21-0)	
pH	2.73 (5 %)
Sulfuric Acid (7664-93-9)	
pH	< 1
Serious eye damage/irritation	: Not classified.
Hydrogen Peroxide (7722-84-1)	
pH	2.02 (50 %, 21 °C)
Acetic Acid (64-19-7)	
pH	2.4 (0.1 mol/l)
Water (7732-18-5)	
pH	7
Peroxyacetic acid (79-21-0)	
pH	2.73 (5 %)
Sulfuric Acid (7664-93-9)	
pH	< 1
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Sulfuric Acid (7664-93-9)	
IARC group	1 - Carcinogenic to humans
National Toxicity Program (NTP) Status	Known Human Carcinogens

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Reproductive toxicity : Not classified
STOT-single exposure : Not classified.

Hydrogen Peroxide (7722-84-1)

STOT-single exposure : May cause respiratory irritation.

STOT-repeated exposure : Not classified

Aceitic Acid (64-19-7)

NOAEL (oral,rat,90 days) : 290 mg/kg body weight Animal: rat, Animal sex: male

Aspiration hazard : Not classified

Viscosity, kinematic : No data available

Aceitic Acid (64-19-7)

Viscosity, kinematic : 1.17 mm²/s (20 °C)

Peroxyacetic acid (79-21-0)

Viscosity, kinematic : 1.22 mm²/s (20 °C, 5 %, OECD 114: Viscosity of Liquids)

Sulfuric Acid (7664-93-9)

Viscosity, kinematic : 11.413 mm²/s

Symptoms/effects after inhalation : Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.

Symptoms/effects after skin contact : Burns.

Symptoms/effects after eye contact : Serious damage to eyes.

Symptoms/effects after ingestion : Burns.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Before neutralisation, the product may represent a danger to aquatic organisms.

Hydrogen Peroxide (7722-84-1)

LC50 - Fish [1] : 16.4 mg/l Source: ECHA

EC50 72h - Algae [1] : 1.38 mg/l Source: ECHA

Aceitic Acid (64-19-7)

LC50 - Fish [1] : > 1000 mg/l (Equivalent or similar to OECD 203, 96 h, Oncorhynchus mykiss, Semi-static system, Fresh water, Experimental value, GLP)

EC50 - Crustacea [1] : > 1000 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)

LC50 - Fish [2] : > 300.82 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)

EC50 - Crustacea [2] : > 300.82 mg/l Test organisms (species): Daphnia magna

EC50 72h - Algae [1] : > 1000 mg/l (ISO 10253, Skeletonema costatum, Static system, Salt water, Experimental value, Growth rate)

EC50 72h - Algae [2] : > 300.82 mg/l Test organisms (species): Skeletonema costatum

Peroxyacetic acid (79-21-0)

LC50 - Fish [1] : 0.08 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)

EC50 - Crustacea [1] : 0.73 mg/l Test organisms (species): Daphnia magna

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Peroxyacetic acid (79-21-0)	
EC50 72h - Algae [1]	0.16 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
NOEC (chronic)	0.0121 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
Sulfuric Acid (7664-93-9)	
LC50 - Fish [1]	16 – 28 mg/l Source: ECHA, NCIS
EC50 - Crustacea [1]	> 100 mg/l Source: ECHA
EC50 72h - Algae [1]	> 100 mg/l Source: ECHA
NOEC (chronic)	0.15 mg/l Test organisms (species): other:
NOEC chronic fish	0.31 mg/l Test organisms (species): Salvelinus fontinalis

12.2. Persistence and degradability

SaniDate 16.0 WWT	
Persistence and degradability	Rapidly degradable
Hydrogen Peroxide (7722-84-1)	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable
Acetic Acid (64-19-7)	
Persistence and degradability	Readily biodegradable in the soil, Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0.6 – 0.74 g O ₂ /g substance
Chemical oxygen demand (COD)	1.03 g O ₂ /g substance
ThOD	1.07 g O ₂ /g substance
Water (7732-18-5)	
Persistence and degradability	Rapidly degradable
Peroxyacetic acid (79-21-0)	
Persistence and degradability	Contains readily biodegradable component(s).
Sulfuric Acid (7664-93-9)	
Persistence and degradability	Biodegradability in soil: not applicable, Biodegradability: not applicable.

12.3. Bioaccumulative potential

Hydrogen Peroxide (7722-84-1)	
Partition coefficient n-octanol/water (Log Pow)	-1.36 Source: IPCS
Bioaccumulative potential	Not bioaccumulative.
Acetic Acid (64-19-7)	
BCF - Fish [1]	3.16 (Pisces, Fresh water, QSAR)
Partition coefficient n-octanol/water (Log Pow)	-0.17 (Experimental value, 25 °C)

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Acetic Acid (64-19-7)	
Bioaccumulative potential	Not bioaccumulative.
Water (7732-18-5)	
Partition coefficient n-octanol/water (Log Pow)	-1.38
Peroxyacetic acid (79-21-0)	
Partition coefficient n-octanol/water (Log Pow)	-1.25
Bioaccumulative potential	Does not contain bioaccumulative component(s).
Sulfuric Acid (7664-93-9)	
Partition coefficient n-octanol/water (Log Pow)	-2.2 Source: HSDB
Bioaccumulative potential	Does not contain bioaccumulative component(s).

12.4. Mobility in soil

Hydrogen Peroxide (7722-84-1)	
Surface tension	80.4 mN/m (20 °C, Pure substance, Calculated value, 100 %)
Ecology - soil	No (test)data on mobility of the component(s) available.
Acetic Acid (64-19-7)	
Surface tension	26.3 mN/m (30 °C)
Ecology - soil	Highly mobile in soil. May be harmful to plant growth, blooming and fruit formation.
Peroxyacetic acid (79-21-0)	
Surface tension	54 mN/m (20 °C, 5 %, EU Method A.5: Surface tension)
Ecology - soil	Contains component(s) with potential for mobility in the soil.
Sulfuric Acid (7664-93-9)	
Ecology - soil	No (test)data on mobility of the component(s) available.

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Regional waste regulation	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations.
Additional information	: Do not re-use empty containers.



SECTION 14: Transport information

DOT	TDG
14.1. UN number	
3109	UN3109

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DOT	TDG
14.2. Proper Shipping Name	
Organic peroxide type F, liquid (peroxyacetic acid, type F, stabilized (<43%))	ORGANIC PEROXIDE TYPE F, LIQUID (peroxyacetic acid, type F, stabilized (<43%))
14.3. Transport hazard class(es)	
5.2	5.2
	 Not applicable
14.4. Packing group	
Not applicable	II
14.5. Environmental hazards	
Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information available	

14.6. Special precautions for user

Special transport precautions : Shipping container: UN certified vented polyethylene required, Keep container upright and secure for transport.

DOT

UN-No.(DOT)

: UN3109

DOT Special Provisions (49 CFR 172.102)

: A61 - a. When used for purposes such as sterilization, inner packagings of peroxyacetic acid, stabilized, classified as UN 3107 Organic peroxide type E, liquid or UN 3109 Organic peroxide type F, liquid may be fitted with a vent consisting of hydrophobic membrane, provided:(1) Each inner packaging contains not more than 70 mL; (2) The inner packaging is designed so that the vent is not immersed in liquid in any orientation; (3) Each inner packaging is enclosed in an intermediate rigid plastic packaging with a small opening to permit release of gas and contains a buffer that neutralizes the contents of the inner packaging in the event of leakage; (4) Intermediate packagings are packed in a fiberboard box (4G) outer packaging; (5) Each outer packaging contains not more than 1.4 L of liquid; and (6) The rate of oxygen release from the outer packaging does not exceed 15 mL per hour.
IP5 - IBCs must have a device to allow venting. The inlet to the venting device must be located in the vapor space of the IBC under maximum filling conditions.

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 10 L

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 25 L

DOT Vessel Stowage Location : D - The material must be stowed "on deck only" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers or one passenger per each 3 m of overall vessel length, but the material is prohibited on passenger vessels in which the limiting number of passengers is exceeded.

DOT Vessel Stowage Other : 12 - Keep as cool as reasonably practicable, 25 - Protected from sources of heat, 52 - Stow "separated from" acids, 53 - Stow "separated from" alkaline compounds

TDG

UN-No. (TDG)

: UN3109

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TDG Special Provisions	: 16 - 1) The technical name of the most dangerous substance related to the primary class must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(i)(A) of Part 3, Documentation. The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3) of Part 4, Dangerous Goods Safety Marks. 2) subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical: a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S; b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S; c) UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S; d) UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S; or e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S. An example in Canada is the "Food and Drugs Act".
Explosive Limit and Limited Quantity Index	: 0.125 L
Excepted quantities (TDG)	: E0
Passenger Carrying Ship Index	: Forbidden
Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index	: 10 L
Emergency Response Guide (ERG) Number	: 145

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

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Peroxyacetic acid	CAS-No. 79-21-0	varies*%
Sulfuric acid	CAS-No. 7664-93-9	1 – 5%

Hydrogen Peroxide (7722-84-1)

RQ (Reportable quantity, section 304 of EPA's List of Lists)	1000 lb
SARA Section 302 Threshold Planning Quantity (TPQ)	1000 lb

Aceitc Acid (64-19-7)

CERCLA RQ	5000 lb
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Peroxyacetic acid (79-21-0)

RQ (Reportable quantity, section 304 of EPA's List of Lists)	500 lb
SARA Section 302 Threshold Planning Quantity (TPQ)	500 lb

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Sulfuric Acid (7664-93-9)	
CERCLA RQ	1000 lb
RQ (Reportable quantity, section 304 of EPA's List of Lists)	1000 lb
SARA Section 302 Threshold Planning Quantity (TPQ)	1000 lb

FIFRA Labelling	
EPA Registration Number	8743-19-70299
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.	
FIFRA Signal Word	Danger
FIFRA Precautionary Statement	Keep out of reach of children.

15.2. International regulations

CANADA

Hydrogen Peroxide (7722-84-1)
Listed on the Canadian DSL (Domestic Substances List)

Aceitic Acid (64-19-7)
Listed on the Canadian DSL (Domestic Substances List)

Water (7732-18-5)
Listed on the Canadian DSL (Domestic Substances List)

Peroxyacetic acid (79-21-0)
Listed on the Canadian DSL (Domestic Substances List)

Sulfuric Acid (7664-93-9)
Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

Hydrogen Peroxide (7722-84-1)
Listed on INSQ (Mexican National Inventory of Chemical Substances)

Aceitic Acid (64-19-7)
Listed on INSQ (Mexican National Inventory of Chemical Substances)

Water (7732-18-5)
Listed on INSQ (Mexican National Inventory of Chemical Substances)

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Peroxyacetic acid (79-21-0)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Sulfuric Acid (7664-93-9)

Listed as carcinogen on NTP (National Toxicology Program)
Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

Component	State or local regulations
Hydrogen Peroxide(7722-84-1)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York City - Right to Know Hazardous Substances List
Acetic Acid(64-19-7)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York City - Right to Know Hazardous Substances List
Peroxyacetic acid(79-21-0)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York City - Right to Know Hazardous Substances List
Sulfuric Acid(7664-93-9)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York City - Right to Know Hazardous Substances List

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date : 7/11/2024

Other information : NSF: Maximum use for potable water is 20 mg/L.

Full text of H-phrases

H227	Combustible liquid
H271	May cause fire or explosion; strong oxidizer
H301	Toxic if swallowed
H314	Causes severe skin burns and eye damage
H332	Harmful if inhaled

Safety Data Sheet (SDS), BSS

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