

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Issue date: 3/23/2022 Revision date: 12/1/2024 Supersedes: 3/6/2023 Version: 1.2

### **SECTION 1: Identification**

## 1.1. Identification

Product form Product name Product code : Mixture : StorOx : SDS-4000-CAN

#### **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		
Oxidizing liquids Category 2	H272	May intensify fire; oxidizer
Acute toxicity (oral) Category 4	H302	Harmful if swallowed
Skin corrosion/irritation Category 1A	H314	Causes severe skin burns and eye damage
Serious eye damage/eye irritation Category 1	H318	Causes serious eye damage
Specific target organ toxicity - Single exposure, Category 3,	H335	May cause respiratory irritation

Respiratory tract irritation 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) Hazard statements (GHS US)

Precautionary statements (GHS US)



- : H272 May intensify fire; oxidizer
  - H302 Harmful if swallowed
  - H314 Causes severe skin burns and eye damage
  - H318 Causes serious eye damage
  - H335 May cause respiratory irritation
- : P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
  - P220 Keep/Store away from clothing and other combustible materials
  - P221 Take any precaution to avoid mixing with combustible materials
  - P260 Do not breathe fume, mist, spray.

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F F F F F F S F F C F F F F F F F F F F	<ul> <li>2261 - Avoid breathing fume, mist, spray.</li> <li>2264 - Wash hands, forearms and face thoroughly after handling.</li> <li>2270 - Do not eat, drink or smoke when using this product.</li> <li>2271 - Use only outdoors or in a well-ventilated area.</li> <li>2280 - Wear protective gloves/protective clothing/eye protection/face protection.</li> <li>2301+P312 - If swallowed: Call a poison center or doctor if you feel unwell.</li> <li>2301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting.</li> <li>2303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse kin with water/shower.</li> <li>2304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.</li> <li>2304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.</li> <li>2303+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove ontact lenses, if present and easy to do. Continue rinsing.</li> <li>2312 - Call a poison center or doctor.</li> <li>2321 - Specific treatment (see supplemental first aid instruction on this label).</li> <li>233 - Rinse mouth.</li> <li>2363 - Wash contaminated clothing before reuse.</li> <li>2370+P378 - In case of fire: Use media other than water to extinguish.</li> <li>2403+P233 - Store in a well-ventilated place. Keep container tightly closed.</li> <li>2405 - Store locked up.</li> <li>2501 - Dispose of contents/container to hazardous or special waste collection point, in weardneas with local actional and/or international and/or inte</li></ul>
	accordance with local, regional, national and/or international regulation.

### 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	20 – 30
Acetic acid	CAS-No.: 64-19-7	1 – 5
Peroxyacetic acid	CAS-No.: 79-21-0	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	<ul> <li>Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor/physician if you feel unwell.</li> </ul>
First-aid measures after skin contact	: Rinse skin with water/shower. 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.

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 First-aid measures after ingestion
 : Rinse mouth. Do not induce vomiting. Call a physician immediately.

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

 Symptoms/effects after inhalation
 : May cause respiratory irritation.

 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.

SECTION 5: Fire-fighting measures			
5.1. Suitable (and unsuitable) extinguishing media			
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.		
5.2. Specific hazards arising from the chemical			
Fire hazard Hazardous decomposition products in case of fire	<ul><li>May intensify fire; oxidizer.</li><li>Toxic fumes may be released.</li></ul>		
5.3. Special protective equipment and precautions for fire-fighters			
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			
6.1.1. For non-emergency personnel			
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".		
6.2. Environmental precautions			
Avoid release to the environment.			
6.3. Methods and material for containment and cleaning up			
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 Hygiene measures	<ul> <li>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.</li> <li>Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.</li> </ul>
7.2. Conditions for safe storage, including any incompatibilities	
Storage conditions	: Keep container closed when not in use. Store in original container. Store in a dry place. Keep

Incompatible materials

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

### **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters

No additional information available

### 8.2. Appropriate engineering controls

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

### 8.3. Individual protection measures/Personal protective equipment

Hand protection:	
Protective gloves	
Eye protection:	
Safety glasses	
Skin and body protection:	
Wear suitable protective clothing	
Respiratory protection:	
In case of insufficient ventilation, wear suitable respiratory equipment	

#### 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.
Color	: Colorless
Odor	: vinegar-like
Odor threshold	: No data available
рН	: <1.5
Melting point	: Not applicable
Freezing point	: -30 °C (-22°F)
Boiling point	: No data available

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Flash point Relative evaporation rate (butyl acetate=1) Flammability (solid, gas) Vapor pressure Relative vapor density at 20°C Relative density Density Solubility Partition coefficient n-octanol/water (Log Pow) Auto-ignition temperature Decomposition temperature Viscosity, kinematic Viscosity, kinematic Viscosity, dynamic Explosion limits Explosive properties	<ul> <li>No data available</li> <li>No data available</li> <li>Not applicable.</li> <li>22 mm Hg (25°C)</li> <li>No data available</li> <li>1.1</li> <li>9.18 lb/gal</li> <li>Complete.</li> <li>No data available</li> <li>No data available</li> <li>&gt; 55 °C SADT &gt; 55°C (131°F)</li> <li>No data available</li> </ul>
Explosive properties Oxidizing properties	: No data available : No data available

### 9.2. Other information

No additional information available

### **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

May intensify fire; 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) :	Harmful if swallowed.
Acute toxicity (dermal) :	Not classified
Acute toxicity (inhalation) :	Not classified
StorOx	
LD50 dermal rat	> 2000 mg/kg
ATE US (oral)	332.109 mg/kg body weight

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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 <sup>3</sup> 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		
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)	1540 mg/kg body weight		
ATE US (dermal)	1410 mg/kg body weight		
ATE US (gases)	4500 ppmV/4h		
ATE US (vapors)	0.45 mg/l/4h		
ATE US (dust, mist)	0.45 mg/l/4h		
Skin corrosion/irritation :	Causes severe skin burns. pH: < 1.5		
Hydrogen peroxide (7722-84-1)	1		
рН	2.02 (50 %, 21 °C)		
Acetic acid (64-19-7)			
рН	2.4 (0.1 mol/l)		
Serious eye damage/irritation :	Causes serious eye damage. pH: < 1.5		
Hydrogen peroxide (7722-84-1)			
pH	2.02 (50 %, 21 °C)		
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Acetic acid (64-19-7)	
рН	2.4 (0.1 mol/l)
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: May cause respiratory irritation.
Hydrogen peroxide (7722-84-1)	
STOT-single exposure	May cause respiratory irritation.
Peroxyacetic acid (79-21-0)	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: Not classified
Acetic 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
Acetic acid (64-19-7)	
Viscosity, kinematic	1.17 mm²/s (20 °C)
Peroxyacetic acid (79-21-0)	
Viscosity, kinematic	1.22 mm <sup>2</sup> /s (20 °C, 5 %, OECD 114: Viscosity of Liquids)
Symptoms/effects after inhalation	: May cause respiratory irritation.
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		
Acetic 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		

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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
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'

## 12.2. Persistence and degradability

StorOx		
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 <sub>2</sub> /g substance	
Chemical oxygen demand (COD)	1.03 g O <sub>2</sub> /g substance	
ThOD	1.07 g O <sub>2</sub> /g substance	
Peroxyacetic acid (79-21-0)		
Persistence and degradability	Contains readily biodegradable component(s).	

### 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)		
Bioaccumulative potential	Not bioaccumulative.		
Peroxyacetic acid (79-21-0)			
Partition coefficient n-octanol/water (Log Pow)	-1.25		
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 %)		

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Hydrogen peroxide (7722-84-1)		
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.	

#### **12.5. Other adverse effects**

No additional information available

### SECTION 13: Disposal considerations

### 13.1. Disposal methods

Waste treatment methods

: Dispose of contents/container in accordance with licensed collector's sorting instructions.

## **SECTION 14: Transport information**

31493149314914.2. Proper Shipping NameHydrogen peroxide and peroxyacetic acid mixtures, stabilizedHydrogen peroxide and peroxyacetic acid mixtures, stabilizedHYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE STABILIZEDHydrogen peroxide and peroxyacetic acid mixture stabilized	DOT	TDG	IMDG	ΙΑΤΑ	
<b>14.2. Proper Shipping Name</b> Hydrogen peroxide and peroxyacetic acid mixtures, stabilized       Hydrogen peroxide and peroxyacetic acid mixtures, stabilized       HYDROGEN PEROXIDE AND PEROXIDE AND PEROXYACETIC ACID MIXTURE       Hydrogen peroxide and peroxyacetic acid mixture stabilized <b>14.3. Transport hazard class(es)</b> 5.1 (8)       5.1 (8)       5.1 (8)       5.1 (8)         formula       formula       formula       formula       formula       formula       formula         formula	14.1. UN number				
Hydrogen peroxide and peroxyacetic acid mixtures, stabilized       Hydrogen peroxide and peroxyacetic acid mixtures, stabilized       HYDROGEN PEROXIDE AND PEROXIDE AND PEROXYACETIC ACID MIXTURE       Hydrogen peroxide and peroxyacetic acid mixture stabilized         14.3. Transport hazard class(es)       5.1 (8)       5.1 (8)       5.1 (8)       5.1 (8) <ul> <li></li></ul>	3149	3149	3149	3149	
peroxyacetic acid mixtures, stabilized       peroxyacetic acid mixtures, stabilized       PEROXYACETIC ACID MIXTURE STABILIZED       peroxyacetic acid mixture stabilized         14.3. Transport hazard class(es)       5.1 (8)       5.1 (8)       5.1 (8)       5.1 (8) <ul> <li></li></ul>	14.2. Proper Shipping Name				
5.1 (8)     5.1 (8)     5.1 (8)       OUTDIZER     OP     OP     OP       State     State     State	peroxyacetic acid mixtures,	peroxyacetic acid mixtures,	PEROXYACETIC ACID MIXTURE	Hydrogen peroxide and peroxyacetic acid mixture stabilized	
	14.3. Transport hazard class(es)				
	5.1 (8)	5.1 (8)	5.1 (8)	5.1 (8)	
Not applicable	OXIDIZER 5.1 8	5.1 8	5.1	5.1	
		Not applicable			
14.4. Packing group					
II II II II	II	II	Ш	II	
14.5. Environmental hazards					
Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No	-	Dangerous for the environment: No	

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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) DOT Special Provisions (49 CFR 172.102)	<ul> <li>UN3149</li> <li>145 - This entry applies to formulations that neither detonate in the cavitated state nor deflagrate in laboratory testing, show no effect when heated under confinement, exhibit no explosive power, and are thermally stable (self-accelerating decomposition temperature (SADT) at 60 C (140 F) or higher for a 50 kg (110.2 lbs.) package). Formulations not meeting these criteria must be transported under the provisions applicable to the appropriate entry in the Organic Peroxide Table in 173.225 of this subchapter.</li> <li>A2 - Single packaging are not permitted on aircraft.</li> <li>A3 - For combination packaging, if glass inner packaging (including ampoules) are used, they must be packed with absorbent material in tightly closed metal receptacles before packing in outer packaging.</li> <li>A6 - For combination packaging, if plastic inner packaging are used, they must be packed in tightly closed metal receptacles before packing in outer packaging.</li> <li>B53 - Packaging must be made of either aluminum or steel.</li> <li>IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite</li> </ul>
	<ul> <li>(31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized.</li> <li>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.</li> <li>T7 - 4 178.274(d)(2) Normal</li></ul>
DOT Declarging Exceptions (40 CED 172 year)	hazardous material to be transported. TP24 - The portable tank may be fitted with a device to prevent the build up of excess pressure due to the slow decomposition of the hazardous material being transported. The device must be in the vapor space when the tank is filled under maximum filling conditions. This device must also prevent an unacceptable amount of leakage of liquid in the case of overturning.
DOT Packaging Exceptions (49 CFR 173.xxx) DOT Packaging Non Bulk (49 CFR 173.xxx) DOT Packaging Bulk (49 CFR 173.xxx) DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: 152 : 202 : 243 : 1 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 5L
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	: 25 - Protected from sources of heat,66 - Stow "separated from" flammable solids,75 - Stow "separated from" permanganates
TDG UN-No. (TDG)	: 3149

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Explosive Limit and Limited Quantity Index	: 1L		
Excepted quantities (TDG)	: E2		
Passenger Carrying Road Vehicle or Passenger	: 1L		
Carrying Railway Vehicle Index Emergency Response Guide (ERG) Number	: 140		
Emergency Response Guide (ERG) Number	. 140		
IMDG			
Special provision (IMDG)	: 196		
Limited quantities (IMDG)	: 1L		
Excepted quantities (IMDG)	: E2		
Packing instructions (IMDG)	: P504		
Packing provisions (IMDG)	: PP10		
IBC packing instructions (IMDG)	: IBC02		
IBC special provisions (IMDG)	: B5		
Tank instructions (IMDG)	: T7		
Tank special provisions (IMDG)	: TP2, TP6, TP24		
EmS-No. (Fire)	: F-H - FIRE SCHEDULE Hotel - OXIDIZING SUBSTANCES WITH EXPLOSIVE POTENTIAL		
EmS-No. (Spillage)	: S-Q - SPILLAGE SCHEDULE Quebec - OXIDIZING SUBSTANCES		
Stowage category (IMDG)	: D		
Stowage and handling (IMDG)	: SW1		
Segregation (IMDG)	: SG16, SGG16, SG59, SG72		
Properties and observations (IMDG)	: Colourless liquid. Carried as an aqueous solution. Slowly decomposes, evolving oxygen; the rate of decomposition increases on contact with most metals. In contact with combustible material may cause fire. Causes burns to skin, eyes and mucous membranes. Even though stabilized, these solutions may evolve oxygen.		
ΙΑΤΑ			
PCA Excepted quantities (IATA)	: E2		
PCA Limited quantities (IATA)	: Y540		
PCA limited quantity max net quantity (IATA)	: 0.5L		
PCA packing instructions (IATA)	: 550		
PCA max net quantity (IATA)	: 1L		
CAO packing instructions (IATA)	: 554		
CAO max net quantity (IATA)	: 5L		
Special provision (IATA)	: A96		
ERG code (IATA)	: 5C		

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 Sec	ction 313 or Title III of the Superfund An	nendments and Reauthorization Act (SARA) of 1986
and 40 CFR Part 372.		

Peroxyacetic acid	CAS-No. 79-21-0	1 – 5%

Hydrogen peroxide (7722-84-1)		
RQ (Reportable quantity, section 304 of EPA's List of Lists)	1000 lb	

CERCLA RQ

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Hydrogen peroxide (7722-84-1)		
SARA Section 302 Threshold Planning Quantity (TPQ)	1000 lb	
Acetic acid (64-19-7)		

5000 lb

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	

15.2. International regulations

No additional information available

### 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

### **SECTION 16: Other information**

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Full text of H-phrases		
H272	May intensify fire; oxidizer	
H302	Harmful if swallowed	
H314	Causes severe skin burns and eye damage	
H318	Causes serious eye damage	
H335	May cause respiratory irritation	

Safety Data Sheet (SDS), BSS

## StorOx Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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