

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

075363064

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

071325927

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

075363189

# MATERIAL SAFETY DATA SHEET

June 28 2006

Page 1 of 3

## Section 1. Product And Company Identification

*PRODUCT #:* NR-2464

*PRODUCT NAME:* Anhydrous 30% Carbamide Peroxide

*COMMON OR CHEMICAL NAME:* 30% Bleaching/ Whitening Gel

Nu Radiance, Inc.  
795 Coronis Way  
Green Bay, WI 54304  
USA

Contact Telephone Number  
920-965-0953

## Section 2. Composition/ Information On Ingredients

*Product Contents:* 30% Carbamide Peroxide Bleaching/ Whitening Gel

*Components Containing Hazardous Ingredients:* Urea Hydrogen Peroxide (see below)

Hazardous Ingredients: Urea Hydrogen Peroxide

Proper Shipping Name: Urea Hydrogen Peroxide

CAS: 124-43-6

UN Designation UN-1511

Class: 5.1,8, Oxidizer, Corrosive

Packing Group: III

### HAZARDOUS DATA

Health: 2

Flammability: 1

Reactivity: 2

### Hazardous Data legend

4 - Extreme

3 - High

2 - Moderate

1 - Slight

0 - Insignificant

## Section 3. Hazards Identification

*For potential health hazards:* SEE Section 11

Possibility of spontaneous decomposition resulting in generation of molecular and atomic (radical) oxygen.

## Section 4. First Aid Measures

*Inhalation:* No harm anticipated from materials in quantities as commercially packaged

*Skin Contact:* Wash with soap and water

*Eye Contact:* Flush with copious amounts of water. Seek medical attention if irritation or disturbance in vision occurs.

*Ingestion:* Drink large quantities of water. Seek medical attention if substantial amounts are ingested or discomfort persists.

## Section 5. Fire-Fighting Measures

*Suitable Extinguishing Media:* Water: non-flammable

*Extinguishing Media, which should not be used:* Not Applicable

*Special exposure hazards from combustion products:* None

*Special protective equipment for fight fighters:* None

## Section 6. Accidental Release Measures

*Personal Precautions:* Avoid contact with skin or eyes. Wash hands with soap and water if contact occurs.

*Environmental Precautions:* Dispose of in accordance to all federal, state and local regulations.

*Methods for Clean Up:* Wash with water.

## Section 7. Handling And Storage

*Handling Precautions:* Avoid prolonged exposure to temperature above 30 degrees C

*Safe Storage Conditions:* Store on study shelves and avoid exposure to elevated temperatures.

*Other Restrictions or Recommendations:* Avoid exposure to elevated temperatures.

## Section 8. Exposure Controls/ Personal Protection

*Respiratory Protection & Ventilation:* Not Required.

*Protective Clothing or Equipment:* Not required under normal handling

*Unusual Work/ Hygienic Practices:* Avoid prolonged contact with skin: wash with soap and water.

## Section 9. Physical And Chemical Properties

*Appearance:* Semi-translucent gel *Odor:* None

*pH:* Not applicable

*Boiling Point/Range above:* 120 Degree C at 20 mm Hg

*Melting Point/Range:* Not applicable *Flash Point:* Not applicable

*Auto-Ignition Temperature:* Not applicable *Flammability:* No

*Explosive Limits in Air:* Not applicable *Oxidizing Properties:* Strong oxidizer

*Vapor Pressure (mm Hg):* 0.33 Po at 50 degree C

*Vapor Density (Air=1):* Not applicable *Specific Gravity (H2O=1):* 1.25

*Solubility in Water:* Substantially soluble

*Reactivity in Water:* Not reactive *Other Data:* None

## Section 10. Stability And Reactivity

*Stability:* Generally stable.

*Conditions of Instability:* Avoid prolonged exposure to temperatures above 30 degrees C

*Incompatibility with various Substances:* Alkaline substances.

*Hazardous Decomposition Products:* Acroleine (when exposed to high temperatures) and oxygen.

*Hazardous Polymerization:* None in quantities as packaged

*Conditions to Avoid:* Avoid exposures to temperatures above 30 degrees C and contact with alkaline substances.

### **Section 11. Toxicological Information**

*Potential Acute Health Effects:* Possibility of skin irritation or sensitization if not washed off promptly. Possible nausea, diarrhea, abdominal pains.

*Potential Chronic Health Effects:* Possibility of skin sensitization or irritation upon or repeated exposure.

*Signs and symptoms of Exposure:* Skin/eye irritation

*Medical Conditions Generally Aggravated by Exposure:* None known

*Carcinogenic or Potential Carcinogenic Effects:* No ingredient listed as a carcinogen

*Other Potential Health Effects:* None Known

### **Section 12. Ecological Information**

No ecological damage or impact anticipated upon exposure to the environment in quantities as packaged.

### **Section 13. Disposal Considerations**

*Waste Disposal:* Dispose in accordance with all federal, state and local regulations

### **Section 14. Transport Information**

*UN Classification:* Not applicable.

*Identification:* Not applicable

*Special Provisions for Transport:* Avoid elevated temperatures and high intensity light.

### **Section 15. Regulatory Information**

*U.S. FDA Dental Device:* Not classified as a medical device

*EC Medical Device Directive:* Not a classified as a medical device.

### **Section 16. Other Information**

*Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself. The information in this MSDS was obtained from sources that we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or method of handling and storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use of the product. If the product is used as a component in another product or used in a way other than recommended by the Company, this MSDS information may not be applicable.*

*Approved by: Edwin D. Novak*

# SAFETY DATA SHEET

10 Sept. 2014

## Section 1. Identification

*PRODUCT #:* 0372, 0396, 0389, 0365, 0387

*PRODUCT NAME:* 30% Carbamide Peroxide

*COMMON OR CHEMICAL NAME:* 30% Bleaching/ Whitening Gel

Nu Radiance, Inc.  
795 Coronis Way  
Green Bay, WI 54304  
USA

Emergency Telephone:  
866-899-3207

General Information:  
920-965-0953

## Section 2. Hazards Identification

### HAZARDOUS DATA

Health: 2

Flammability: 0

Reactivity: 2

### Hazardous Data legend

4 - Extreme

3 - High

2 - Moderate

1 – Slight

0 – Insignificant



Possibility of spontaneous decomposition resulting in generation of molecular and atomic (radical) oxygen.

Possibility of skin irritation or sensitization if not washed off promptly. Possible nausea, diarrhea, abdominal pains.

Possibility of skin sensitization or irritation upon or repeated exposure.

Skin/eye irritation

*For potential health hazards:* SEE Section 11

## Section 3. Composition/ Information On Ingredients

### Hazardous Ingredients:

#### Urea Hydrogen Peroxide

Proper Shipping Name: Urea Hydrogen Peroxide

CAS: 124-43-6

UN Designation UN-1511

Class: 5.1,8, Oxidizer, Corrosive

Packing Group: II

## Section 4. First Aid Measures

**Inhalation:** No harm anticipated from materials in quantities as commercially packaged

**Skin Contact:** Wash with soap and water

**Eye Contact:** Flush with copious amounts of water. Seek medical attention if irritation or disturbance in vision occurs.

**Ingestion:** Drink large quantities of water. Seek medical attention if substantial amounts are ingested or discomfort persists.

## Section 5. Fire-Fighting Measures

**Suitable Extinguishing Media:** Water, non-flammable

**Extinguishing Media, which should not be used:** Not Applicable

**Special exposure hazards from combustion products:** None

**Special protective equipment for fight fighters:** None

## Section 6. Accidental Release Measures

**Personal Precautions:** Avoid contact with skin or eyes. Wash hands with soap and water if contact occurs.

**Environmental Precautions:** Dispose of in accordance to all federal, state and local regulations.

**Methods for Clean Up:** Wash with water.

## Section 7. Handling And Storage

**Handling Precautions:** Avoid prolonged exposure to temperature above 30 degrees C

**Safe Storage Conditions:** Store on study shelves and avoid exposure to elevated temperatures.

**Other Restrictions or Recommendations:** Avoid exposure to elevated temperatures.

## Section 8. Exposure Controls/ Personal Protection

**Respiratory Protection & Ventilation:** Not Required.

**Protective Clothing or Equipment:** Not required under normal handling

**Unusual Work/ Hygienic Practices:** Avoid prolonged contact with skin: wash with soap and water.

## Section 9. Physical And Chemical Properties

**Appearance:** Semi-translucent gel

**pH:** Not applicable

**Melting Point/Range:** Not applicable

**Auto-Ignition Temperature:** Not applicable

**Explosive Limits in Air:** Not applicable

**Vapor Pressure (mm Hg):** 0.33 Po at 50 degree C

**Specific Gravity (H<sub>2</sub>O=1):** 1.25

**Reactivity in Water:** Not reactive

**Odor:** None

**Boiling Point/Range above:** 120 Degree C at 20 mm Hg

**Flash Point:** Not applicable

**Flammability:** No

**Oxidizing Properties:** Strong oxidizer

**Vapor Density (Air=1):** Not applicable

**Solubility in Water:** Substantially soluble

**Other Data:** None

## Section 10. Stability And Reactivity

**Stability:** Generally stable.

**Conditions of Instability:** Avoid prolonged exposure to temperatures above 30 degrees C

**Incompatibility with various Substances:** Alkaline substances.

**Hazardous Decomposition Products:** Acroleine (when exposed to high temperatures) and oxygen.

**Hazardous Polymerization:** None in quantities as packaged

**Conditions to Avoid:** Avoid exposures to temperatures above 30 degrees C and contact with alkaline substances.

## Section 11. Toxicological Information

**Potential Acute Health Effects:** Possibility of skin irritation or sensitization if not washed off promptly. Possible nausea, diarrhea, abdominal pains.

**Potential Chronic Health Effects:** Possibility of skin sensitization or irritation upon or repeated exposure.

**Signs and symptoms of Exposure:** Skin/eye irritation

**Medical Conditions Generally Aggravated by Exposure:** None known

**Carcinogenic or Potential Carcinogenic Effects:** No ingredient listed as a carcinogen

**Other Potential Health Effects:** None Known

## Section 12. Ecological Information

No ecological damage or impact anticipated upon exposure to the environment in quantities as packaged.

## Section 13. Disposal Considerations

**Waste Disposal:** Dispose in accordance with all federal, state and local regulations.

## Section 14. Transport Information

**UN Classification:** Not applicable.

**Identification:** Not applicable

**Special Provisions for Transport:** Avoid elevated temperatures and high intensity light.

## Section 15. Regulatory Information

**U.S. FDA Dental Device:** Not classified as a medical device.

**EC Medical Device Directive:** Not classified as a medical device.

## Section 16. Other Information

*Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself. The information in this MSDS was obtained from sources that we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or method of handling and storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use of the product. If the product is used as a component in another product or used in a way other than recommended by the Company, this MSDS information may not be applicable.*

**Revision Date:** 10 Sept 2014

**Approved by:** Edwin D. Novak

## SAFETY DATA SHEET

Creation Date 28-Oct-2009

Revision Date 25-Apr-2019

Revision Number 8

### 1. Identification

**Product Name** Hydrogen peroxide, 30%

**Cat No. :** H325-4; H325-4LC; H325-30GAL; H325-100; H325-500; H325-500LC

**CAS-No** 7722-84-1  
**Synonyms** Hydrogen Dioxide; Peroxide; Carbamide Peroxide

**Recommended Use** Laboratory chemicals.  
**Uses advised against** Food, drug, pesticide or biocidal product use

#### Details of the supplier of the safety data sheet

##### Company

Fisher Scientific  
One Reagent Lane  
Fair Lawn, NJ 07410  
Tel: (201) 796-7100

##### **Emergency Telephone Number**

CHEMTREC®, Inside the USA: 800-424-9300  
CHEMTREC®, Outside the USA: 001-703-527-3887

### 2. Hazard(s) identification

#### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Oxidizing liquids	Category 2
Acute oral toxicity	Category 4
Serious Eye Damage/Eye Irritation	Category 1

#### Label Elements

##### **Signal Word**

Danger

##### **Hazard Statements**

May intensify fire; oxidizer  
Harmful if swallowed  
Causes serious eye damage



**Precautionary Statements****Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
Do not eat, drink or smoke when using this product  
Wear protective gloves/protective clothing/eye protection/face protection  
Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
Keep/Store away from clothing/ other combustible materials  
Take any precaution to avoid mixing with combustibles

**Eyes**

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 or doctor/physician

**Ingestion**

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell  
Rinse mouth

**Fire**

In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction

**Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

None identified

### 3. Composition/Information on Ingredients

Component	CAS-No	Weight %
Water	7732-18-5	65 - 80
Hydrogen peroxide	7722-84-1	20 - 35

### 4. First-aid measures

<b>General Advice</b>	If symptoms persist, call a physician.
<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.
<b>Inhalation</b>	Move to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms occur.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.
<b>Most important symptoms and effects</b>	Causes severe eye damage.
<b>Notes to Physician</b>	Treat symptomatically

### 5. Fire-fighting measures

<b>Suitable Extinguishing Media</b>	Use water spray or fog; do not use straight streams.
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**Unsuitable Extinguishing Media** No information available

**Flash Point** No information available  
**Method -** No information available

**Autoignition Temperature** No information available

**Explosion Limits**

**Upper** 100%

**Lower** 40%

**Oxidizing Properties** Oxidizer

**Sensitivity to Mechanical Impact** No information available

**Sensitivity to Static Discharge** No information available

**Specific Hazards Arising from the Chemical**

Corrosive Material. Containers may explode when heated. Oxidizer: Contact with combustible/organic material may cause fire. In the event of fire and/or explosion do not breathe fumes. Thermal decomposition can lead to release of irritating gases and vapors. May ignite combustibles (wood, paper, oil, clothing, etc.).

**Hazardous Combustion Products**

Hydrogen oxygen

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**NFPA**

**Health**  
3

**Flammability**  
0

**Instability**  
1

**Physical hazards**  
OX

## 6. Accidental release measures

**Personal Precautions**

Ensure adequate ventilation. Use personal protective equipment.

Do not use steel or aluminum tools or equipment

**Environmental Precautions**

Should not be released into the environment. Do not flush into surface water or sanitary sewer system.

**Methods for Containment and Clean Up**

Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

Sweep up and shovel into suitable containers for disposal.

## 7. Handling and storage

**Handling**

Wear personal protective equipment. Do not get in eyes, on skin, or on clothing. Avoid ingestion and inhalation. Ensure adequate ventilation. Keep away from clothing and other combustible materials.

**Storage**

Keep containers tightly closed in a dry, cool and well-ventilated place. To maintain product quality. Keep refrigerated. Keep away from direct sunlight. Do not store in metal containers. Containers should be vented periodically in order to overcome pressure buildup. Do not store near combustible materials.

## 8. Exposure controls / personal protection

**Exposure Guidelines**

Component	ACGIH TLV	OSHA PEL	NIOSH IDLH	Mexico OEL (TWA)
Hydrogen peroxide	TWA: 1 ppm	(Vacated) TWA: 1 ppm (Vacated) TWA: 1.4 mg/m <sup>3</sup> TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>	IDLH: 75 ppm TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>	TWA: 1 ppm

Legend

ACGIH - American Conference of Governmental Industrial Hygienists

OSHA - Occupational Safety and Health Administration

NIOSH IDLH: The National Institute for Occupational Safety and Health Immediately Dangerous to Life or Health

**Engineering Measures**

Ensure that eyewash stations and safety showers are close to the workstation location.  
Ensure adequate ventilation, especially in confined areas.

**Personal Protective Equipment****Eye/face Protection**

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Skin and body protection**

Long sleeved clothing.

**Respiratory Protection**

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

**Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and chemical properties

<b>Physical State</b>	Liquid
<b>Appearance</b>	Colorless
<b>Odor</b>	Slight
<b>Odor Threshold</b>	No information available
<b>pH</b>	3.3
<b>Melting Point/Range</b>	-33 °C / -27.4 °F
<b>Boiling Point/Range</b>	108 °C / 226.4 °F @ 760 mmHg
<b>Flash Point</b>	No information available
<b>Evaporation Rate</b>	1.0 (Butyl acetate = 1.0)
<b>Flammability (solid,gas)</b>	Not applicable
<b>Flammability or explosive limits</b>	
Upper	100%
Lower	40%
<b>Vapor Pressure</b>	No information available
<b>Vapor Density</b>	1.10
<b>Specific Gravity</b>	1.110
<b>Solubility</b>	Soluble in water
<b>Partition coefficient; n-octanol/water</b>	No data available
<b>Autoignition Temperature</b>	No information available
<b>Decomposition Temperature</b>	> 125°C
<b>Viscosity</b>	No information available

## 10. Stability and reactivity

<b>Reactive Hazard</b>	Yes
<b>Stability</b>	Sensitivity to light. Oxidizer: Contact with combustible/organic material may cause fire.
<b>Conditions to Avoid</b>	Incompatible products. Excess heat. Exposure to light. Combustible material.
<b>Incompatible Materials</b>	Strong oxidizing agents, Metals, Reducing agents, Alcohols, Ammonia, copper, Copper alloys, lead oxides, Cyanides, Sulfides, lead, Acetone, Aluminium, , Strong reducing agents, Combustible material
<b>Hazardous Decomposition Products</b>	Hydrogen, oxygen

**Hazardous Polymerization** Hazardous polymerization does not occur.

**Hazardous Reactions** None under normal processing.

## 11. Toxicological information

### Acute Toxicity

#### Product Information

##### Oral LD50

Category 4. ATE = 300 - 2000 mg/kg.

##### Dermal LD50

Based on ATE data, the classification criteria are not met. ATE > 2000 mg/kg.

##### Vapor LC50

Based on ATE data, the classification criteria are not met. ATE > 20 mg/l.

#### Component Information

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Water	-	Not listed	Not listed
Hydrogen peroxide	376 mg/kg ( Rat ) (90%) 910 mg/kg ( Rat ) (20-60%) 1518 mg/kg ( Rat ) (8-20% sol)	>2000 mg/kg ( Rabbit )	LC50 = 2000 mg/m <sup>3</sup> ( Rat ) 4 h

**Toxicologically Synergistic** No information available

#### Products

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Irritation** Causes severe eye burns May cause irritation

**Sensitization** No information available

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	CAS-No	IARC	NTP	ACGIH	OSHA	Mexico
Water	7732-18-5	Not listed	Not listed	Not listed	Not listed	Not listed
Hydrogen peroxide	7722-84-1	Not listed	Not listed	A3	Not listed	A3

*IARC: (International Agency for Research on Cancer)*

*IARC: (International Agency for Research on Cancer)*

*Group 1 - Carcinogenic to Humans*

*Group 2A - Probably Carcinogenic to Humans*

*Group 2B - Possibly Carcinogenic to Humans*

*A1 - Known Human Carcinogen*

*A2 - Suspected Human Carcinogen*

*A3 - Animal Carcinogen*

*ACGIH: (American Conference of Governmental Industrial Hygienists)*

*Mexico - Occupational Exposure Limits - Carcinogens*

*A1 - Confirmed Human Carcinogen*

*A2 - Suspected Human Carcinogen*

*A3 - Confirmed Animal Carcinogen*

*A4 - Not Classifiable as a Human Carcinogen*

*A5 - Not Suspected as a Human Carcinogen*

*ACGIH: (American Conference of Governmental Industrial Hygienists)*

*Mexico - Occupational Exposure Limits - Carcinogens*

**Mutagenic Effects** No information available

**Reproductive Effects** No information available.

**Developmental Effects** No information available.

**Teratogenicity** No information available.

**STOT - single exposure** None known

**STOT - repeated exposure** None known

**Aspiration hazard** No information available

**Symptoms / effects, both acute and delayed** No information available

**Endocrine Disruptor Information** No information available

**Other Adverse Effects** The toxicological properties have not been fully investigated.

## 12. Ecological information

### Ecotoxicity

Contains a substance which is: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Hydrogen peroxide	EC50 2.5 mg/L/72h	LC50: 16.4 mg/L/96h (P.promelas)	Not listed	EC50 7.7 mg/L/24h

**Persistence and Degradability** Persistence is unlikely Decomposes Soluble in water based on information available.

**Bioaccumulation/ Accumulation** No information available.

**Mobility** Will likely be mobile in the environment due to its water solubility.

Component	log Pow
Hydrogen peroxide	-1.1

## 13. Disposal considerations

**Waste Disposal Methods** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

## 14. Transport information

### DOT

UN-No UN2014  
 Proper Shipping Name HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS  
 Hazard Class 5.1  
 Subsidiary Hazard Class 8  
 Packing Group II

### TDG

UN-No UN2014  
 Proper Shipping Name HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS  
 Hazard Class 5.1  
 Subsidiary Hazard Class 8  
 Packing Group II

### IATA

UN-No UN2014  
 Proper Shipping Name HYDROGEN PEROXIDE, AQUEOUS SOLUTION  
 Hazard Class 5.1  
 Subsidiary Hazard Class 8  
 Packing Group II

### IMDG/IMO

UN-No UN2014  
 Proper Shipping Name HYDROGEN PEROXIDE, AQUEOUS SOLUTION  
 Hazard Class 5.1  
 Subsidiary Hazard Class 8  
 Packing Group II

## 15. Regulatory information

### United States of America Inventory

Component	CAS-No	TSCA	TSCA Inventory notification - Active/Inactive	TSCA - EPA Regulatory Flags
Water	7732-18-5	X	ACTIVE	-
Hydrogen peroxide	7722-84-1	X	ACTIVE	-

Legend:

TSCA - Toxic Substances Control Act, (40 CFR Part 710)

X - Listed

-' - Not Listed

TSCA 12(b) - Notices of Export Not applicable

**International Inventories**

Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Philippines (PICCS), Japan (ENCS), Australia (AICS), China (IECSC), Korea (ECL).

Component	CAS-No	DSL	NDSL	EINECS	PICCS	ENCS	AICS	IECSC	KECL
Water	7732-18-5	X	-	231-791-2	X	-	X	X	KE-35400
Hydrogen peroxide	7722-84-1	X	-	231-765-0	X	X	X	X	KE-20204

**U.S. Federal Regulations**

SARA 313 Not applicable

SARA 311/312 Hazard Categories See section 2 for more information

CWA (Clean Water Act) Not applicable

Clean Air Act Not applicable

OSHA - Occupational Safety and Health Administration

Component	Specifically Regulated Chemicals	Highly Hazardous Chemicals
Hydrogen peroxide	-	TQ: 7500 lb

**CERCLA** This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Component	Hazardous Substances RQs	CERCLA EHS RQs
Hydrogen peroxide	-	1000 lb

California Proposition 65 This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

Component	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Water	-	-	X	-	-
Hydrogen peroxide	X	X	X	-	X

**U.S. Department of Transportation**

Reportable Quantity (RQ): N

DOT Marine Pollutant N

DOT Severe Marine Pollutant N

**U.S. Department of Homeland Security**

This product contains the following DHS chemicals:

**Legend** - STQs = Screening Threshold Quantities, APA = A placarded amount

Component	DHS Chemical Facility Anti-Terrorism Standard
Hydrogen peroxide	Theft STQs - 400lb (concentration >=35%)

**Other International Regulations**

Mexico - Grade No information available

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## 16. Other information

<b>Prepared By</b>	Regulatory Affairs Thermo Fisher Scientific Email: EMSDS.RA@thermofisher.com
<b>Creation Date</b>	28-Oct-2009
<b>Revision Date</b>	25-Apr-2019
<b>Print Date</b>	25-Apr-2019
<b>Revision Summary</b>	This document has been updated to comply with the US OSHA HazCom 2012 Standard replacing the current legislation under 29 CFR 1910.1200 to align with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

### Disclaimer

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

**End of SDS**