

**SAFETY DATA SHEET  
PERACETIC ACID 35% W/H2SO4**

**SDS # :** 79-21-0--35-1  
**Revision date:** 2015-04-07  
**Format:** NA  
**Version** 1



**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Identifier**

**Product Name** PERACETIC ACID 35% W/H2SO4

**Other means of identification**

**CAS-No** 79-21-0  
**Synonyms** Peracetic Acid; Ethaneperoxyic Acid; Peroxyacetic Acid; Acetyl Hydroperoxide

**Recommended use of the chemical and restrictions on use**

**Recommended Use:** Oxidizing agent for a variety of organic reactions

**Restrictions on Use:** Use as recommended by the label.

**Manufacturer/Supplier**

PeroxyChem LLC  
2005 Market Street  
Suite 3200  
Philadelphia, PA 19103  
Phone: +1 267/ 422-2400 (General Information)  
E-Mail: sdsinfo@peroxychem.com

**Emergency telephone number**

For leak, fire, spill or accident emergencies, call:  
1 800 / 424 9300 (CHEMTREC - U.S.A.)  
1 703 / 527 3887 (CHEMTREC - Collect - All Other Countries)  
1 303/ 389-1409 (Medical - U.S. - Call Collect)

**2. HAZARDS IDENTIFICATION**

**Classification**

**OSHA Regulatory Status**

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Acute toxicity - Oral	Category 3
Acute toxicity - Dermal	Category 4
Acute toxicity - Inhalation (Vapors)	Category 3
Skin corrosion/irritation	Category 1 Sub-category A
Serious eye damage/eye irritation	Category 1
Specific target organ toxicity (single exposure)	Category 3
Organic Peroxide	Type F
Flammable liquids	Category 3

## EMERGENCY OVERVIEW

**Danger****Hazard Statements**

H301 - Toxic if swallowed  
H312 - Harmful in contact with skin  
H314 - Causes severe skin burns and eye damage  
H331 - Toxic if inhaled  
H335 - May cause respiratory irritation

**Physical Hazards**

H242 - Heating may cause a fire  
H226 - Flammable liquid and vapor

**Precautionary Statements - Prevention**

P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection  
P260 - Do not breathe dust/fume/gas/mist/vapors/spray  
P220 - Keep/Store away from clothing/combustible materials  
P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
P234 - Keep only in original container  
P235 - Keep cool

**Precautionary Statements - Response**

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P310 - Immediately call a POISON CENTER or doctor  
P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower  
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing  
P310 - Immediately call a POISON CENTER or doctor  
P301 + P330 + P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting  
P310 - Immediately call a POISON CENTER or doctor  
P370 + P378 - In case of fire: Use water for extinction

**Precautionary Statements - Storage**

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed  
P411 + P235 - Store at temperatures not exceeding 30 °C/ 86 °F. Keep cool  
P410 - Protect from sunlight

**Hazards not otherwise classified (HNOC)**

No hazards not otherwise classified were identified.

**Other Information**

Do not store on wooden pallets. Avoid damage to containers. In case of decomposition: isolate container, douse container with cool water and dilute with large volumes of water. In case of leak or spill: Stop leak if this can be done without risk. Flush area with large quantities of water. Undiluted material should not be allowed to enter confined spaces. Risk of decomposition by heat or by contact with incompatible materials.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS-No	Weight %
Acetic Acid	64-19-7	40
Peracetic Acid	79-21-0	35.5
Water	7732-18-5	17
Hydrogen Peroxide	7722-84-1	6.5
Sulfuric Acid	7664-93-9	1

Synonyms are provided in Section 1.

### 4. FIRST AID MEASURES

<b>General Advice</b>	Liquid and mist are corrosive and can cause burns, direct contact could cause irreversible damage to eyes including blindness and/or irreversible destruction of skin tissue. Vapor/mist will irritate the nose, throat and lungs, but will usually subside when exposure ceases. The severity of the effects depends in the concentration and dose.
<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids intermittently. Consult a physician.
<b>Skin Contact</b>	Immediately flush with plenty of water while removing contaminated clothing and/or shoes, and thoroughly wash with soap and water. Seek immediate medical attention/advice. Wash contaminated clothing with plenty of water to prevent fire hazard.
<b>Inhalation</b>	Move to fresh air. If breathing is irregular or stopped, administer artificial respiration. If breathing difficulty or discomfort occurs and persists, obtain medical attention.
<b>Ingestion</b>	Clean mouth with water. Drink 1 or 2 glasses of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician immediately.
<b>Most important symptoms and effects, both acute and delayed</b>	This product is irritating to the respiratory system and can cause pulmonary inflammation and edema, especially if it is inhaled in the aerosol form. In case of accidental ingestion, necrosis may result from mucous membrane burns (mouth, esophagus and stomach). Oxygen rapid release may cause stomach swelling and hemorrhaging, which may product major, or even fatal, injury to organs if a large amount has been ingested. Corneal lesions and irreversible damage if contact with the eyes.
<b>Indication of immediate medical attention and special treatment needed, if necessary</b>	This product can be corrosive to skin, eyes, and mucous membranes. Consideration should be given to careful endoscopy as stomach or esophageal burns, perforations or strictures may occur. Careful gastric lavage with an endotracheal tube in place should be considered. Observations may be warranted. Treatment is controlled removal of exposure followed by symptomatic and supportive care.

### 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Water. Cool containers with flooding quantities of water until well after fire is out.
<b>Unsuitable extinguishing media</b>	Chemical type extinguishers are not effective with peracetic acid or hydrogen peroxide.
<b>Specific Hazards Arising from the Chemical</b>	Decomposes under fire conditions to release oxygen that intensifies the fire.
<b>Explosion data</b>	
<b>Sensitivity to Mechanical Impact</b>	Not Available.
<b>Sensitivity to Static Discharge</b>	Not Available.
<b>Protective equipment and precautions for firefighters</b>	Wear self-contained breathing apparatus and protective suit. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions** Isolate and post spill area. Remove all sources of ignition. Wear suitable protective clothing, gloves and eye/face protection. For personal protection see Section 8.

**Other** For further clean-up instructions, call PeroxyChem Emergency Hotline number listed in Section 1 "Product and Company Identification" above.

**Environmental Precautions** Prevent material from entering into soil, ditches, sewers, waterways, and/or groundwater. See Section 12, Ecological Information for more detailed information.

**Methods for Containment** Control runoff and isolate discharged material for proper disposal. Do not allow material to enter storm or sanitary sewer system.

**Methods for cleaning up** Hydrogen peroxide is an ingredient in this product; completely submerge hydrogen peroxide contaminated clothing or other materials in water prior to drying. Residual hydrogen peroxide, if allowed to dry on combustible materials such as paper, fabrics, leather or wood can cause the material to ignite and result in a fire.

**7. HANDLING AND STORAGE**

**Handling** Handle product only in closed system or provide appropriate exhaust ventilation. Electric and light installations ought to be explosion-proof. Use only non-sparking tools. IBC (Tote) - IBC should be emptied as thoroughly as possible and recycled without rinsing. Drums - Empty as thoroughly as possible. Triple rinse drums before disposal. Avoid contamination; impurities accelerate decomposition. Never return product to original container.

**Storage** Do not stored near reducing agents, fuels or other non-compatible materials. Keep in a dry, cool and well-ventilated place. Keep at temperatures below 30°C. Higher temperatures will accelerate decomposition resulting in loss of assay. Keep away from direct sunlight. Keep away from heat and sources of ignition i.e., steam pipes, radiant heaters, hot air vents or welding sparks. Use first in, first out storage system. Do not double-stack. Containers must be vented.

**Incompatible products** Oxidizing agents; Strong reducing agents; Combustible materials; Heavy metals such as iron, copper, chromium, nickel, aluminum and cobalt.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Control parameters

**Exposure Guidelines**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH	Mexico
Acetic Acid 64-19-7	STEL 15 ppm TWA: 10 ppm	TWA: 10 ppm TWA: 25 mg/m <sup>3</sup>	IDLH: 50 ppm TWA: 10 ppm TWA: 25 mg/m <sup>3</sup> STEL: 15 ppm STEL: 37 mg/m <sup>3</sup>	Mexico: TWA 10 ppm Mexico: TWA 25 mg/m <sup>3</sup> Mexico: STEL 15 ppm Mexico: STEL 37 mg/m <sup>3</sup>
Peracetic Acid 79-21-0	STEL 0.4 ppm	-	-	-
Hydrogen Peroxide 7722-84-1	TWA: 1 ppm	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>	Mexico: TWA 1 ppm Mexico: TWA 1.5 mg/m <sup>3</sup> Mexico: STEL 2 ppm Mexico: STEL 3 mg/m <sup>3</sup>
Sulfuric Acid 7664-93-9	TWA: 0.2 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup>	IDLH: 15 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>	Mexico: TWA 1 mg/m <sup>3</sup>
Chemical name	British Columbia	Quebec	Ontario TWAEV	Alberta
Acetic Acid 64-19-7	TWA: 10 ppm STEL: 15 ppm	TWA: 10 ppm TWA: 25 mg/m <sup>3</sup> STEL: 15 ppm	TWA: 10 ppm	TWA: 10 ppm TWA: 25 mg/m <sup>3</sup> STEL: 15 ppm

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		STEL: 37 mg/m <sup>3</sup>	STEL: 15 ppm	STEL: 37 mg/m <sup>3</sup>
Hydrogen Peroxide 7722-84-1	TWA: 1 ppm	TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>	TWA: 1 ppm	TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>
Sulfuric Acid 7664-93-9	TWA: 0.2 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> STEL: 3 mg/m <sup>3</sup>	TWA: 0.2 mg/m <sup>3</sup> thoracic	TWA: 1 mg/m <sup>3</sup> STEL: 3 mg/m <sup>3</sup>

**Appropriate engineering controls****Engineering measures**

Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. Ensure that eyewash stations and safety showers are close to the workstation location.

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

Tightly fitting safety goggles. Face-shield.

**Skin and Body Protection**

Rubber or neoprene footwear. Impervious clothing materials such as rubber, neoprene, nitrile or polyvinyl chloride. Wear liquid proof rubber or neoprene gloves. Hydrogen peroxide is an ingredient in this product; completely submerge hydrogen peroxide contaminated clothing or other materials in water prior to drying. Residual hydrogen peroxide, if allowed to dry on combustible materials such as paper, fabrics, leather or wood can cause the material to ignite and result in a fire.

**Hand Protection**

Rubber/latex/neoprene or other suitable chemical resistant gloves. Wash the outside of gloves with soap and water prior to removal. Inspect regularly for leaks.

**Respiratory Protection**

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators: Full face piece respirator with organic vapor/acid gas cartridge or canister. If break-through occurs, use airline supplied or self-contained breathing apparatus with full face piece.

**Hygiene measures**

Clean water should be available for washing in case of eye or skin contamination. Remove and wash contaminated clothing before re-use. Wash skin prior to eating, drinking, chewing gum or using tobacco. Shower or bathe at the end of working. Launder work clothing separately from regular household laundry.

**General information**

Protective engineering solutions should be implemented and in use before personal protective equipment is considered.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

<b>Appearance</b>	Clear, colorless liquid
<b>Physical State</b>	Liquid
<b>Color</b>	Colorless
<b>Odor</b>	stinging, Pungent vinegar-like
<b>Odor threshold</b>	No information available
<b>pH</b>	< 1
<b>Melting point/freezing point</b>	-44 °C / -47 °F
<b>Boiling Point/Range</b>	~107 °C / 225 °F
<b>Flash point</b>	46 °C / 115 °F Closed cup Open Cup - No measurable flash point up to 110°C Fire Point - No fire point. This material will not sustain a flame
<b>Evaporation Rate</b>	< 1 (n-butyl acetate=1)
<b>Flammability (solid, gas)</b>	
<b>Flammability Limit in Air</b>	
<b>Upper flammability limit:</b>	
<b>Lower flammability limit:</b>	
<b>Vapor pressure</b>	20 mm Hg at 25°C

Vapor density	No information available
Density	No information available
Specific gravity	1.13 g/mL @ 20 °C
Water solubility	completely soluble
Solubility in other solvents	No information available
Partition coefficient	No information available
Autoignition temperature	218 °C
Decomposition temperature	> 55 °C (SADT) (55-gal. drum)
Viscosity, kinematic	No information available
Viscosity, dynamic	No information available
Explosive properties	No information available
Oxidizing properties	Strong oxidizer
Molecular weight	No information available
Bulk density	Not applicable

### 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	Reactive and oxidizing agent. Organic peroxide.
<b>Chemical Stability</b>	Stable under normal conditions. Contamination or heat could initiate decomposition.
<b>Possibility of Hazardous Reactions</b>	May produce explosive reactions with Acetic Anhydride. Contact with metals, metallic ions, alkalis, reducing agents and organic matter (such as alcohols or terpenes) may produce self-accelerated thermal decomposition.
<b>Hazardous polymerization</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	Heat, flames and sparks; Temperatures above 30°C. Higher temperatures will accelerate decomposition resulting in loss of assay
<b>Incompatible materials</b>	Oxidizing agents; Strong reducing agents; Combustible materials; Heavy metals. such as iron, copper, chromium, nickel, aluminum and cobalt.
<b>Hazardous Decomposition Products</b>	Liable to produce overpressure in container. Acetic acid and oxygen that supports combustion.

### 11. TOXICOLOGICAL INFORMATION

**Product Information**

<b>LD50 Oral</b>	LD50 Rat = 50 -500 mg/kg/bw (35% Peracetic acid) LD50 rat = 1026-1780 mg/kg/bw (15% Peracetic acid) LD50 rat = 185-3622 mg/kg/bw (2.6-6.11% Peracetic acid)
<b>LD50 Dermal</b>	LD50 Rat = 1957 mg/kg/bw (15% Peracetic acid) LD50 rat = 1147 mg/kg/bw (5% Peracetic acid) LD50 rat = >2000 mg/kg/bw (Peracetic acid 0.15%-0.89%)
<b>LC50 Inhalation</b>	LC50 (4-hr) Rat = 76-189 mg/m <sup>3</sup> (15% Peracetic acid) LC50 (4-h) rat = 204 mg/m <sup>3</sup> (5% Peracetic acid)
<b>Serious eye damage/eye irritation</b>	Corneal lesions and irreversible damage if contact with the eyes.
<b>Skin corrosion/irritation</b>	Corrosive to skin.
<b>Sensitization</b>	Did not cause sensitization on laboratory animals.

**Information on toxicological effects**

<b>Symptoms</b>	Liquid and mist are corrosive and can cause burns, direct contact could cause irreversible damage to eyes including blindness and/or irreversible destruction of skin tissue. Vapor/mist will irritate the nose, throat and lungs, but will usually subside when exposure ceases. The severity of the effects depends in the concentration and dose.
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**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

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<b>Chronic toxicity</b>	Repeated inhalation of the mist may cause inflammation of the upper respiratory tract, chronic bronchitis and etching of the dental enamel.
<b>Carcinogenicity</b>	Did not show carcinogenic effects in animal experiments. Topical applications do not produce skin tumors. Not recognized as carcinogenic by Research Agencies (IARC, NTP, OSHA, ACGIH).
<b>Mutagenicity</b>	This product is not recognized as mutagenic by Research Agencies. Did not show mutagenic effects in animal experiments.
<b>Reproductive toxicity</b>	This product is not recognized as reprotox by Research Agencies. No toxicity to reproduction in animal studies.
<b>STOT - single exposure</b>	May cause respiratory irritation.
<b>STOT - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Aspiration risk: may cause lung damage if swallowed.

<b>12. ECOLOGICAL INFORMATION</b>
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**Ecotoxicity**

**Ecotoxicity effects** Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

<b>Peracetic Acid (79-21-0)</b>				
Active Ingredient(s)	Duration	Species	Value	Units
Peracetic Acid 15%	96 h LC50	Oncorhynchus mykiss (rainbow trout)	0.53	mg/L
Peracetic Acid 5%	96 h LC50	Bluegill sunfish	1.1	mg/L
Peracetic Acid	33 d NOEC	Brachydanio rerio	0.00225	mg/L
Peracetic Acid 5%	96 h LC50	Oncorhynchus mykiss (rainbow trout)	1.6	mg/L
Peracetic Acid 5%	48 h EC50	Daphnia magna	0.73	mg/L
Peracetic Acid 12.5%	48 h EC50	Mytilus sdulis	0.27	mg/L
Peracetic Acid 15%	21 d NOEC	Daphnia magna	0.05	mg/L
Peracetic Acid 5%	72 h EC50	Selenastrum capricornutum	0.16	mg/L
Peracetic Acid 5%	120 h EC50	Selenastrum capricornutum	0.18	mg/L
Peracetic Acid 5%	72 h NOEC	Selenastrum capricornutum	0.061	mg/L
Peracetic Acid	3 h EC50	Respiration inhibition test (OECD 209)	5.1	mg/L

**Persistence and degradability** Peracetic acid is completely miscible with water. Aqueous solutions of peracetic acid hydrolyze to acetic acid and hydrogen peroxide. Product is biodegradable.

**Bioaccumulation** Based on its low octanol-water partition coefficient and its rapid degradation in the environment, this product is not bioaccumuable.

**Mobility** Peracetic acid released in the environment will partition almost exclusively (>99%) to the water compartment. Only a minor part (<1%) will remain in the atmosphere, where it is expected to undergo rapid decomposition with a half life of 22 minutes. The fate of peracetic acid in the environment is mainly determined by its degradation.

**Other Adverse Effects** None known.

**13. DISPOSAL CONSIDERATIONS**

**Waste disposal methods** This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261). It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations.

**US EPA Waste Number** D001 D002

**Contaminated Packaging** Non-returnable containers that held this material should be cleaned by triple-rinsing prior to recycle or disposal. Empty containers should be taken to an approved waste handling site for recycling or disposal.

**14. TRANSPORT INFORMATION**

**DOT**

**UN/ID no** UN 3109  
**Proper Shipping Name** ORGANIC PEROXIDE TYPE F, LIQUID  
**Hazard class** 5.2  
**Subsidiary class** 8 and 3  
**Packing Group** II

**TDG**

**UN/ID no** UN 3109  
**Proper Shipping Name** ORGANIC PEROXIDE TYPE F, LIQUID  
**Hazard class** 5.2  
**Subsidiary class** 8 and 3  
**Packing Group** II

**ICAO/IATA**

Air regulation permit shipment of peracetic acid in non-vented containers for Air Cargo Only aircraft, as well as for Passenger and Cargo aircraft. HOWEVER, all peracetic acid containers are vented and therefore, air shipments of peracetic acid are not permitted. IATA air regulations state that venting of packages containing oxidizing substances is not permitted for air transport.

**IMDG/IMO**

**UN/ID no** UN 3109  
**Proper Shipping Name** ORGANIC PEROXIDE TYPE F, LIQUID  
**Hazard class** 5.2  
**Subsidiary Hazard Class** 8 and 3  
**Packing Group** II

**OTHER INFORMATION**

Material is shipped in 5 gal. (45 lb.), 30 gal. (250 lb.) and 55 gal. (450 lb.) vented linear (not cross-linked) polyethylene containers, as well as linear (not cross-linked) polyethylene IBC's (330 gal.). Do not ship on wooden pallets.

**15. REGULATORY INFORMATION**

**U.S. Federal Regulations**

**Clean Air Act (CAA) - Accidental Release Prevention**

Peracetic acid is listed as a Regulated Toxic Substance at 40 CFR 68.130. Pursuant to the threshold determination provisions for mixtures at 40 CFR 68.155(b)(1), the partial pressure of peracetic acid in VigorOx products (up to 35% solutions) are less than 10 mm Hg at 25°C, and thus the product, as sold, is not subject to the threshold determination under the Risk Management Planning regulations

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical name	CAS-No	Weight %	SARA 313 - Threshold Values %



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Peracetic Acid - 79-21-0	79-21-0	35.5	1.0
Sulfuric Acid - 7664-93-9	7664-93-9	1	1.0

**SARA 311/312 Hazard Categories**

<b>Acute health hazard</b>	Yes
<b>Chronic health hazard</b>	No
<b>Fire hazard</b>	Yes
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	Yes

**Clean Water Act**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Acetic Acid 64-19-7	5000 lb			X
Sulfuric Acid 7664-93-9	1000 lb			X

**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):

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	SARA RQ
Acetic Acid 64-19-7	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
Peracetic Acid 79-21-0		500 lb	
Hydrogen Peroxide 7722-84-1		1000 lb	
Sulfuric Acid 7664-93-9	1000 lb	1000 lb	RQ 1000 lb final RQ RQ 454 kg final RQ

**International Inventories**

Component	TSCA (United States)	DSL (Canada)	EINECS/EL INCS (Europe)	ENCS (Japan)	China (IECSC)	KECL (Korea)	PICCS (Philippines)	AICS (Australia)	NZIoC (New Zealand)
Acetic Acid 64-19-7 ( 40 )	X	X	X	X	X	X	X	X	X
Peracetic Acid 79-21-0 ( 35.5 )	X	X	X	X	X	X	X	X	X
Hydrogen Peroxide 7722-84-1 ( 6.5 )	X	X	X	X	X	X	X	X	X
Sulfuric Acid 7664-93-9 ( 1 )	X	X	X	X	X	X	X	X	X

**Mexico - Grade** Serious risk, Grade 3

**CANADA**

**WHMIS Statement**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**WHMIS Hazard Class** C - Oxidizing materials Page 9 / 10

E - Corrosive material  
 D2B - Toxic materials  
 B3 - Combustible liquid



**16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health Hazards</b> 3	<b>Flammability</b> 2	<b>Stability</b> 2	<b>Special Hazards</b> OX
<b>HMIS</b>	<b>Health Hazards</b> 3	<b>Flammability</b> 2	<b>Physical hazard</b> 0	<b>Special precautions</b> H

**NFPA/HMIS Ratings Legend** Severe = 4; Serious = 3; Moderate = 2; Slight = 1; Minimal = 0  
 Special Hazards: OX = Oxidizer  
 Protection = H (Safety goggles, gloves, apron, the use of supplied air or SCBA respirator is required in lieu of a vapor cartridge respirator)

**Uniform Fire Code** Organic Peroxide: Class 3--Liquid

**Revision date:** 2015-04-07  
**Revision note** Initial Release

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**End of Safety Data Sheet**