

# Safety Data Sheet

Issue date: 5/25/2016

## Section 1: Product and Company Information

Product Identifier: **ACS Ultra Oxy**  
Product Code/SKU: 10001006

Recommended Use: Institutional/Industrial Laundry  
Restrictions on Use: Use only for purpose found on label.  
Product Dilution Information: Use as directed per label instructions

## Section 2: Hazard Identification

GHS Classification: Skin irritation/corrosion  
Eye irritation/eye damage  
May cause respiratory irritation

GHS Labeling Element  
Signal Word: Danger  
Symbol:



Hazard Statement: Skin irritation/corrosion  
Eye irritation/eye damage  
May cause respiratory irritation

Precautionary Statements:

Prevention: Wear protective clothing, gloves, and eye and face protection.

Response:

If swallowed: Rinse mouth, do not induce vomiting.

If on skin: Wash with water, remove contaminated clothing.

Inhalation: Remove person to fresh air - administer artificial respiration if not breathing.

If in eye: Flush continuously with water - remove contacts and continue flushing with water.

Treatment: Seek medical assistance if symptoms persist.

Storage: Keep product stored in original container, in an upright position, with container tightly closed.

Disposal: Dispose of contents/container according to local/regional regulations.

Other Hazards: None known

## Section 3: Composition/Information on Ingredients

Substance/Mixture: Mixture

Chemical name	Product Identifier	%
Hydrogen Peroxide	CAS 7722-84-1	15-30%

There are no additional ingredients present which, within the current knowledge of the manufacturer and in the concentrations applicable, are classified as hazardous to health or to the environment and hence require reporting in this section. Concentration percentages are given

as a range as a claim for a trade secret is being made.

## Section 4: First Aid Measures

### First Aid Measures:

General:	Never give anything by mouth to an unconscious person. If you feel unwell, then seek medical assistance.
If swallowed:	Rinse mouth, do not induce vomiting.
If on skin:	Wash with water, remove contaminated clothing.
Inhalation:	Remove person to fresh air - administer artificial respiration if not breathing.
If in eye:	Flush continuously with water - remove contacts and continue flushing with water.
Treatment:	Seek medical assistance if symptoms persist.
Important Symptoms and Effects, both Acute and Delayed	
Symptoms/Injuries:	Causes severe skin burns and eye damage. Effects of exposure may be delayed.
If swallowed:	Ingestion is likely to be harmful and have adverse health effects.
If on skin:	Causes skin burns.
Inhalation:	Symptoms may cause irritation to the respiratory tract.
If in eye:	Causes eye damage.
Recommendation:	Seek medical assistance if symptoms persist or concerns are present.
First Aid Providers	All first aid providers should receive proper training before performing any first aid act that would involve personal risk. Wash contaminated clothing with water thoroughly before removal or wear gloves.

## Section 5: Firefighting Measures

### Suitable Fire Extinguishing

Media:	No special media necessary. Use extinguishing media appropriate for surrounding fire.
Special Hazards:	Isolate from heat, combustibles, alkalis, and reducing agents.
Advice for Firefighters:	Exercise caution when fighting any chemical fire. Use a water spray to cool containers. Do not enter fire area without proper protective equipment, including respiratory protection.

## Section 6: Accidental Release Measures

Personal Precautions:	Initiate company's spill procedures. Do not walk through or touch spilled product. Do not get on skin, in eyes, or on clothing. Put on appropriate personal protection equipment.
Environmental Precautions:	Avoid runoff into public waterways, sewers, or onto soil.
Methods for Clean Up:	Follow company's spill procedures. Put on appropriate protective clothing. Neutralize/absorb spilled product with inert material. Dispose of inert material by placing in suitable container. Dispose of waste safely. Rinse with water for a final clean up.

## Section 7: Handling and Storage

### Precautions for Safe

Handling:	Do not get on skin, in eyes, or on clothing. Do not breathe vapor or mist. Do not handle until all safety procedures have been read and understood. Wash hands and other exposed areas with soap and water after handling.
Conditions for Safe Storage:	Keep product in original container, in an upright position, with container tightly closed. Keep out of reach of children.

## Section 8: Exposure Controls/Personal Protection

### Control parameters:

Ingredient Name	Exposure Limits	
Hydrogen Peroxide	OSHA PEL (TWA) (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>
	ACGIH TLV(mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>

Engineering Controls:	Use adequate ventilation. Keep vapor/fumes below statutory limits. Provide availability to water to flush skin or eyes in case of exposure.
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### Personal Protection:

Hand protection:	Wear chemical resistant gloves
Eye protection:	Use chemical splash goggles. For severe exposure, wear face shield.

Skin protection: Wear suitable protective clothing.  
Respiratory protection Not necessary under normal operating and intended use of this product.  
General: Wash hands, face, and arms after handling chemical products and before eating, drinking, or using restroom. Wash contaminated clothing before wearing again.

## Section 9: Physical and Chemical Properties

Physical state: Liquid  
Color: Clear  
Odor: Chemical  
pH: <3  
Evaporation rate: 0.09  
Melting point: No data available  
Freezing point: No data available  
Boiling point: 212 F  
Flash point: No data available  
Explosion limits: No data available  
Flammability (solid/gas): Non combustible  
Vapor pressure: 17.5  
Vapor density: 0.77  
Relative density: >1 (water=1)  
Solubility: Complete  
Decomposition temperature: No data available

## Section 10: Stability and Reactivity

Chemical stability: Stable under normal conditions  
Hazardous Reactions: Hazardous polymerization will not occur.  
Conditions to Avoid: Heat and open flame.  
Incompatible Materials: Isolate from dirt, cyanides, combustibles, oxidizers, reducers, alkalis.  
Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not occur.

## Section 11: Toxicological Information

Routes of Exposure: Ingestion. Skin contact. Inhalation. Eye contact.

Symptoms: Ingestion: Adverse effects: stomach pains  
Skin Contact: Adverse effects: irritation, redness, blisters  
Inhalation: Adverse effects: cough, respiratory irritation  
Eye Contact: Adverse effects: redness, watering, irritation  
Acute Toxicity Ingestion: May cause burns to mouth, throat, stomach  
Skin Contact: May cause skin burns  
Inhalation: May cause respiratory irritation  
Eye Contact: May cause serious eye damage.  
Toxicity Data: No mammalian toxicity information is available on this product  
Carcinogenicity: No known effects or critical hazards  
Reproductivity: No known effects or critical hazards

## Section 12: Ecological Information

Toxicity: No Aquatic environmental information is available on this product.  
Persistence and degradability: This product is completely biodegradable.  
Bioaccumulative potential: Not established  
Mobility in Soil: Is a mobile liquid  
Other adverse effects: None noted

## Section 13: Disposal Considerations

Disposal methods: Dispose of waste in accordance with local, regional, and national regulations

## Section 14: Transport Information

In accordance with: ICAO/IATA/DOT/TDG

DOT Classification: UN 2014  
DOT Shipping name: Hydrogen Peroxide, Aqueous Solution, 5.1  
Class: 8  
Packing Group: II  
Bulk Transport: See shipping documents for specific transportation information  
Marine Pollutant: No

## Section 15: Regulatory Information

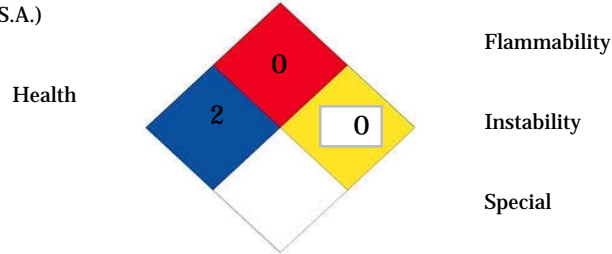
US Federal Regulations:	All components are listed or exempted
TSCA 8(b) Inventory	No chemicals subject to reporting
SARA 304	Acute health hazard
SARA 311/312	Acute health hazard
SARA 302	
SARA 313	

**Section 16: Other Information**

Hazardous Material Information System:

Health	2
Flammability	0
Physical Hazards	2

National Fire Protection Association (U.S.A.)



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