



# SAFETY DATA SHEET

ACP-246 – Citrus H<sub>2</sub>O<sub>2</sub>

Date 9-23-15

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Citrus H<sub>2</sub>O<sub>2</sub>

### Other means of identification

**Product Code** ACP-246

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

**Recommended Use** Multi-Purpose Cleaner Degreaser & Brightener

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

**Manufacturer Address** Arrow Chemical Products, Inc.  
2067 Sainte. Anne St.  
Detroit, Michigan 48216

### Emergency Telephone Number

**Company Phone Number** 313-237-0277  
**Emergency Telephone (24 hr.)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

**Signal Word** NONE

### Hazard Statements

May cause eye and skin irritation.

### Precautionary Statements:

Protect eyes and skin from contact with this product.  
Do not ingest.

**Appearance** Light colored

**Physical State** Liquid

**Odor** Orange Scent

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Alcohol Ethoxylate	68439-46-3	0 - 10
Iminodisuccinic Acid Tetrasodium Salt	144538-83-0	0 - 10
Citrus Terpenes	5989-27-5	0 - 10
Hydrogen Peroxide	7722-84-1	0 - 10

The balance of ingredients are not classified as hazardous to health or the environment. The specific chemical identity and/or exact percentage has been withheld as a trade secret.

### 4. FIRST-AID MEASURES

#### First Aid Measures

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.
<b>Skin Contact</b>	For skin contact flush with large amounts of water. Get medical attention if irritation develops or persists. Take off contaminated clothing. Wash contaminated clothing before reuse.
<b>Inhalation</b>	If symptoms are experienced, remove source of contamination or move victim to fresh air.
<b>Ingestion</b>	Do not induce vomiting without medical advice. Seek medical attention immediately.

#### Most important symptoms and effects

<b>Symptoms</b>	May cause skin and eye irritation. Mists or vapors may be mildly irritating to throat and respiratory tract. Swallowing may be harmful.
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#### Indication of any immediate medical attention and special treatment needed

<b>Notes to Physician</b>	Treat symptomatically.
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### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Water or suitable material for primary source of fire.

**Unsuitable Extinguishing Media** Not determined.

#### Specific Hazards Arising from the Chemical

Non-flammable solution.

#### 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.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

<b>Personal Precautions</b>	Isolate hazard area and restrict access.
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#### Methods and material for containment and cleaning up

<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
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**Methods for Clean-Up**

Absorb spillage with non-combustible, absorbent material. Place in appropriate containers for disposal.

**7. HANDLING AND STORAGE**

Precautions for safe handling

**Advice on Safe Handling**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Do not return unused product to the container. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities

**Storage Conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place. Store away from sun and heat.

**Incompatible Materials**

Reducing agents, high pH materials, salt, metals, dust and dirt.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Hydrogen Peroxide 7722-84-1	200 mg/m <sup>3</sup>	TWA 200 mg/m <sup>3</sup>	-

Appropriate engineering controls

**Engineering Controls**

Provide adequate local exhaust ventilation. Eyewash stations. Showers.

Individual protection measures, such as personal protective equipment

**Eye/Face Protection**

Use chemical safety goggles and/or full-face shield where splashing is possible.

**Skin and Body Protection**

Wear rubber or neoprene gloves. Wear suitable protective clothing.

**Respiratory Protection**

Not necessary unless exposure limits are exceeded. Use NIOSH/MSHA approved respiratory protection equipment when airborne exposure limits are exceeded.

**General Hygiene Considerations**

Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Information on basic physical and chemical properties

<b>Physical State</b>	Liquid	<b>Odor</b>	Orange Scent
<b>Appearance</b>	Clear	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Light Orange		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	2.0 – 3.0	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	Not determined	
Flash Point	Does not sustain combustion	
Evaporation Rate	1.0	Water=1
Flammability (Solid, Gas)	n/a-liquid	
Upper Flammability Limits	Not applicable	

<b>Lower Flammability Limit</b>	Not applicable
<b>Specific Gravity</b>	1.032
<b>Water Solubility</b>	Complete
<b>Auto ignition Temperature</b>	Not determined
<b>Oxidizing Properties</b>	Not determined
<b>VOC Content (%)</b>	0%

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

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

### Conditions to Avoid

Keep out of reach of children. Excessive heat and contamination of any kind.

### Incompatible Materials

Reducing agents, high pH materials, salts, metals, dust and dirt.

### Hazardous Decomposition Products

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

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Eye Contact</b>	Avoid contact with eyes.
<b>Skin Contact</b>	Avoid contact with skin.
<b>Inhalation</b>	Avoid breathing vapors or mists.
<b>Ingestion</b>	Do not taste or swallow.

### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Alcohol Ethoxylate 68439-46-3	>2,000 mg/kg ( Rat )	> 5,000 mg/kg ( Rat)	-
Hydrogen Peroxide 7722-84-1	>2,000 mg/kg (mouse)	-	Vapor: 1437 ppm 4 hr (rat)

### Information on physical, chemical and toxicological effects

**Symptoms** May cause skin and eye irritation. Mists or vapors may be mildly irritating to throat and respiratory tract. Swallowing may be harmful.

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

**Carcinogenicity** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Hydrogen peroxide occurs naturally as a result of photochemical processes in living organisms.

**Persistence/Degradability**

Readily biodegradable, as defined by OECD

**Bioaccumulation**

Decomposes by enzymatic action and does not accumulate in cell systems.

**Other Adverse Effects**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

## 13. DISPOSAL CONSIDERATIONS

**Waste Treatment Methods**

<b>Disposal of Wastes</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated Packaging</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.

## 14. TRANSPORT INFORMATION

<b><u>DOT</u></b>	Not regulated
<b><u>IATA</u></b>	Not regulated
<b><u>IMDG</u></b>	Not regulated
<b><u>TDG</u></b>	Not regulated

## 15. REGULATORY INFORMATION

<b>TSCA – USA</b>	Listed
<b>DSL - Canada</b>	Listed
<b>IECSC - China</b>	Listed
<b>EINECS- Europe</b>	Listed
<b>KECI - Korea</b>	Listed
<b>ENCS - Japan</b>	Listed
<b>NECI –Taiwan</b>	Listed
<b>NZIOC – New Zealand</b>	Listed
<b>PICCS - Philippines</b>	Listed
<b>AICS - Australia</b>	Listed

**US Federal Regulations**

**CERCLA Reportable Quantity**

No components are listed.

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

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**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

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

This product does not contain any substances regulated under applicable state right-to-know regulations

<b>16. OTHER INFORMATION</b>
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<b><u>NFPA</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	0	0	0	Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
	0	0	0	B

**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 Safety Data Sheet**