

Issue Date: 26-Sept-2023

Revision Date: 15-Dec-2025

Version 5

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

**Product Name** United 531 PROFESSIONAL STAIN ZAPPER

### Other means of identification

**SDS #** UNITED-531

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

**Recommended Use** Professional Multi-Purpose Oxygen Stain Remover.

**Uses Advised Against** For industrial and institutional use only.

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

#### Supplier Address

United Laboratories, Inc.  
320 37th Avenue  
St. Charles, IL 60174  
www.unitedlabsinc.com

### Emergency Telephone Number

**Company Phone Number** 800-323-2594 (to reorder)  
**Emergency Telephone (24 hr)** INFOTRAC 1-800-535-5053 (North America)  
1-352-323-3500 (International)

## 2. HAZARDS IDENTIFICATION

**Appearance** Clear colorless liquid

**Physical State** Liquid

**Odor** Mild solvent

### Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1

### Signal Word

**Warning**

### Hazard Statements

May cause skin irritation. Causes serious eye damage.



### Precautionary Statements - Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash face, hands, and any exposed skin thoroughly after handling.

### Precautionary Statements - Response

If exposed or concerned: Get medical advice/attention.

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. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

**Precautionary Statements - Storage**

Store according to local rules and regulations.

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plan.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%
Hydrogen Peroxide	7722-84-1	0-5
PNP Glycol Ether	1569-01-3	0-5
Glycol ether TPM	25498-49-1	0-5
Sodium perborate	7632-04-4	0-5

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

**4. FIRST-AID MEASURES****First Aid Measures**

<b>General Advice</b>	If exposed or concerned: Get medical advice/attention.
<b>Eye Contact</b>	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.
<b>Skin Contact</b>	Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.
<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	Rinse mouth. Drink plenty of water. Never give anything by mouth to an unconscious person.

**Most important symptoms and effects**

<b>Symptoms</b>	May cause skin irritation. Causes serious eye damage.
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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 spray (fog).

**Unsuitable Extinguishing Media** Not determined

**Specific Hazards Arising from the Chemical**

In the presence of extreme heat, as in a fire, this product may generate oxygen, which may intensify fire in combustible surroundings.

**Hazardous Combustion Products** When strongly heated, as in a fire, this product may produce oxygen gas.

**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. Cool fire exposed containers with water spray to prevent vapor pressure build up.

## 6. ACCIDENTAL RELEASE MEASURES

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

- Personal Precautions** Use personal protective equipment as required.
- Environmental Precautions** See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up**

- Methods for Containment** Prevent further leakage or spillage if safe to do so.
- Methods for Clean-Up** Small spills: Soak up with an inert material (e.g. vermiculite, dry sand, earth) and place in designated disposal container. Rinse area thoroughly. Large spills: Soak up with an inert material (e.g. vermiculite, dry sand, earth) and place in designated disposal container. If material is spilled on a wooden floor or other combustible material, flush with large quantity of water. If material is spilled on a noncombustible floor or ground, allow the material to decompose.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

- Advice on Safe Handling** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash face, hands, and any exposed skin thoroughly after handling.

**Conditions for safe storage, including any incompatibilities**

- Storage Conditions** Store locked up. Keep in a properly labeled, tightly closed container. Store in a cool, well ventilated area away from sources of ignition and incompatible materials. Containers when empty may retain product residue and may be hazardous. Rinse empty containers with water.
- Incompatible Materials** Do not mix with other chemicals or cleaners.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Hydrogen Peroxide 7722-84-1	TWA: 1 ppm	TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup> (vacated) TWA: 1 ppm (vacated) TWA: 1.4 mg/m <sup>3</sup>	IDLH: 75 ppm TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>
Caustic Soda 1310-73-2	Ceiling: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup> (vacated) Ceiling: 2 mg/m <sup>3</sup>	IDLH: 10 mg/m <sup>3</sup> Ceiling: 2 mg/m <sup>3</sup>

**Appropriate engineering controls**

- Engineering Controls** Mechanical ventilation is recommended when handling in enclosed, tight spaces.

**Individual protection measures, such as personal protective equipment**

- Eye/Face Protection** Chemical safety goggles are recommended.

**Skin and Body Protection** Chemical-resistant gloves are recommended.

**Respiratory Protection** None required if good ventilation is maintained.

**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>	Mild solvent
<b>Appearance</b>	Clear colorless liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Colorless		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
pH	8-9		
Melting Point/Freezing Point	Not determined		
Boiling Point/Boiling Range	>100 °C / >212 °F		
Flash Point	None		
Evaporation Rate	Not determined		
Flammability (Solid, Gas)	Liquid-Not applicable		
Upper Flammability Limits	Not determined		
Lower Flammability Limit	Not determined		
Vapor Pressure	Not determined		
Vapor Density	Not determined		
Specific Gravity	1.03	(Water = 1)	
Water Solubility	Soluble in water		
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Auto-ignition Temperature	Not determined		
Decomposition Temperature	Not determined		
Kinematic Viscosity	Not determined		
Dynamic Viscosity	Not determined		
Explosive Properties	Not determined		
Oxidizing Properties	Not determined		
VOC Content	< 3% by wt.		

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

Under normal conditions of storage and use, hazardous polymerization will not occur.

### Conditions to Avoid

Keep out of reach of children.

### Incompatible Materials

Do not mix with other chemicals or cleaners.

### Hazardous Decomposition Products

When strongly heated, as in a fire, this product may produce oxygen gas.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

**Eye Contact** Causes serious eye damage.

**Skin Contact** May cause skin irritation.

**Inhalation** Do not inhale.

**Ingestion** Do not ingest.

### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Hydrogen Peroxide 7722-84-1	= 801 mg/kg ( Rat )	= 2000 mg/kg ( Rabbit )	= 2 g/m <sup>3</sup> ( Rat ) 4 h
PNP Glycol Ether 1569-01-3	= 2504 mg/kg ( Rat )	= 3550 mg/kg ( Rabbit )	-
Glycol ether TPM 25498-49-1	= 3184 mg/kg ( Rat )	= 15440 mg/kg ( Rabbit )	-
Caustic Soda 1310-73-2	-	= 1350 mg/kg ( Rabbit )	-
Ethoxylated Polyoxypropylene 9003-11-6	= 5700 mg/kg ( Rat )	-	-
Alcohol Ethoxylate 68439-46-3	= 1378 mg/kg ( Rat )	> 2 g/kg ( Rabbit )	-

### Information on physical, chemical and toxicological effects

**Symptoms** Please see section 4 of this SDS for symptoms.

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

**Carcinogenicity** Group 3 IARC components are "not classifiable as human carcinogens".

Chemical Name	ACGIH	IARC	NTP	OSHA
Hydrogen Peroxide 7722-84-1	A3	Group 3		

#### **Legend**

*ACGIH (American Conference of Governmental Industrial Hygienists)*

*A3 - Animal Carcinogen*

*IARC (International Agency for Research on Cancer)*

*Group 3 IARC components are "not classifiable as human carcinogens."*

**Reproductive toxicity** No information available.

**Skin sensitization** No information available.

### Numerical measures of toxicity

Not determined.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Not determined.

### Persistence/Degradability

Not determined.

### Bioaccumulation

Not determined.

**Mobility**

Not determined.

**Other Adverse Effects**

Not determined.

**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods****Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**California Hazardous Waste Status**

Chemical Name	California Hazardous Waste Status
Hydrogen Peroxide 7722-84-1	Toxic Corrosive Ignitable Reactive
Caustic Soda 1310-73-2	Toxic Corrosive

**14. TRANSPORT INFORMATION****DOT**

Not regulated

**IATA**

Not regulated

**IMDG**

Not regulated

**15. REGULATORY INFORMATION****International Inventories**

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
All listed ingredients	Present	X		Present		Present	X	Present	X	X

**Legend:***TSCA - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**ENCS - Japan Existing and New Chemical Substances**IECSC - China Inventory of Existing Chemical Substances**KECL - Korean Existing and Evaluated Chemical Substances**PICCS - Philippines Inventory of Chemicals and Chemical Substances**AICS - Australian Inventory of Chemical Substances***US Federal Regulations****CERCLA**

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Hydrogen Peroxide 7722-84-1		1000 lb	
Caustic Soda 1310-73-2	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

**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.

**CWA (Clean Water Act)**

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Caustic Soda	1000 lb			X

**US State Regulations****California Proposition 65**

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

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

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Hydrogen Peroxide 7722-84-1	X	X	X
Glycol ether TPM 25498-49-1	X		X
Caustic Soda 1310-73-2	X	X	X

**16. OTHER INFORMATION****NFPA****Health Hazards**

Not determined

**Flammability**

Not determined

**Instability**

Not determined

**Special Hazards**

Not determined

**HMIS****Health Hazards**

1

**Flammability**

0

**Physical Hazards**

1

**Personal Protection**

N+P

**Issue Date:**

06-Nov-2025

**Revision Date:**

15-Dec-2025

**Revision Note:**

Regulatory update

**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 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**