



Product Identifier: Oxy Rejuve  
Revision Date: 08/10/2015

## SAFETY DATA SHEET

This SDS complies with 29 CFR 1910.1200 (Hazard Communication Standard)  
IMPORTANT: Read this SDS before handling & disposing of this product. Pass this information on to employees, customers, and users of this product.

### 1. Identification

#### 1.1. Product identifier

**Product Identity** Oxy Rejuve  
**Alternate Names** Oxy Rejuve  
**Product Code** 450-09

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Intended use** Oxygen Destainer  
**Application Method** See Label Instructions

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

**Company Name** Diamond Products Inc.  
1216 Bozeman Ave.  
Helena, MT 59601

#### Emergency

**24 hour Emergency Telephone No.** Infotrac: 1 800-535-5053  
Emergency: (406) 449-6570  
**Customer Service: Diamond Products Inc.** (406) 449-6570

### 2. Hazard(s) identification

#### 2.1. Classification of the substance or mixture

Ox. Liq 2; H272 May intensify fire; oxidizer  
Acute Tox. 4; H302 Harmful if swallowed  
Skin Irrit. 1B; H314 Causes severe skin burns and eye damage  
Eye Dam. 1; H318 Causes serious eye damage  
STOT SE 3; H333 May be harmful if inhaled.

#### 2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



**Danger**

H272 May intensify fire; oxidizer  
H302 Harmful if swallowed  
H314 Causes severe skin burns and eye damage

H318 Causes serious eye damage

H333 May be harmful if inhaled.

**[Prevention]:**

P220 Keep/Store away from clothing/combustible materials.

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P264 Wash thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

**[Response]:**

P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P363: Wash contaminated clothing before reuse.

P310 Immediately call a POISON CENTER or doctor/physician.

**[Storage]:**

P405 Store locked up.

**[Disposal]:**

P501 Dispose of contents / container in accordance with local / national regulations.

### 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

| Ingredient/Chemical Designations                    | Weight % | GHS Classification  | Notes |
|---|----------|---|-------|
| Hydrogen peroxide solution<br>CAS Number: 7722-84-1 | 10-25    | Ox. Liq. 1, H271<br>Skin Corr. 1A, H314<br>Acute Tox. 4, H301<br>Acute Tox. 4, H332 | [1]   |

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

\*The full texts of the phrases are shown in Section 16.

### 4. First aid measures

**4.1. Description of first aid measures**

**General**

In all cases of doubt, or when symptoms persist, seek medical attention.  
Never give anything by mouth to an unconscious person.

**Inhalation**

In case of unconsciousness place patient stably in side position for transportation

**Eyes**

Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

|   |  |
|---|--|
| <b>Skin</b>   | Immediately wash with water and soap and rinse thoroughly.   |
| <b>Ingestion</b>  | Dilute by giving large quantities of water, and Immediately call for medical attention.  |
| <b>4.2. Most important symptoms and effects, both acute and delayed</b> |  |
| <b>Overview</b>   | Inhalation: Mists may cause irritation or inflammation of respiratory tract<br>Skin Contact: May cause irritation or burning of tissues, with whitening of skin on contact.<br>Eye Contact: Causes severe tissue damage, possible leading to blindness.<br>Ingestion: Causes severe burning and tissue damage, may cause sudden formation of oxygen which can cause injury by distention of the esophagus or stomach with local internal bleeding.<br>Signs and Symptoms of Exposure: Burning and irritation in all areas of exposure.<br>See section 2 for further details. |
| <b>Eyes</b>   | Causes serious eye damage.   |
| <b>Skin</b>   | Causes irritation or burning of tissues.   |
| <b>Ingestion</b>  | May be harmful if swallowed. (Not adopted by US OSHA)  |

## 5. Fire-fighting measures

### 5.1. Extinguishing media

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

### 5.2. Special hazards arising from the substance or mixture

No further relevant information available.

### 5.3. Advice for fire-fighters

No special measures required.

**ERG Guide No.** 140

## 6. Accidental release measures

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

Put on appropriate personal protective equipment (see section 8).

### 6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

### 6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation. Dispose of in accordance with local, state and federal regulations.

## 7. Handling and storage

### 7.1. Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

See section 2 for further details. - [Prevention]:

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

Keep containers closed when not in use.

Incompatible materials: Reducing agents, and combustible or organic materials.

See section 2 for further details. - [Storage]:

**7.3. Specific end use(s)**

Oxygen based laundry bleaching agent.

**8. Exposure controls and personal protection****8.1. Control parameters****Exposure**

| CAS No.   | Ingredient                  | Source   | Value                |
|-----------|-----------------------------|----------|----------------------|
| 7722-84-1 | Hydrogen peroxide solution. | OSHA     | 1 ppm, 1.4mg/m3      |
|           |                             | ACGIH    | 1 ppm, 1.4 mg/m3     |
|           |                             | NIOSH    | 1 ppm, 1.4 mg/m3     |
|           |                             | Supplier | No Established Limit |

**Carcinogen Data**

| CAS No.   | Ingredient                  | Source | Value   |
|-----------|-----------------------------|--------|---|
| 7722-84-1 | Hydrogen peroxide solution. | OSHA   | Select Carcinogen: No   |
|           |                             | NTP    | Known: No; Suspected: No  |
|           |                             | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No; |

**8.2. Exposure controls****Respiratory**

In case of brief or low exposure level use respiratory filter device

**Eyes**

Use tightly sealed goggles. Avoid contact with the eyes and skin.

**Skin**

Avoid contact with the skin. Wear overalls to keep skin contact to a minimum. Wear gloves impermeable and resistant to the product.

**Engineering Controls**

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

**Other Work Practices**

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

**9. Physical and chemical properties**

|  |                |
|--|----------------|
| <b>Appearance</b>                              | Clear, Liquid  |
| <b>Odor</b>                                    | Odorless       |
| <b>Odor threshold</b>                          | Not Measured   |
| <b>pH</b>                                      | 3 - 4          |
| <b>Melting point / freezing point</b>          | Not applicable |
| <b>Initial boiling point and boiling range</b> | 210 - 240 °F   |

|  |  |
|--|--|
| <b>Flash Point</b>                                     | Non-flammable  |
| <b>Evaporation rate (Ether = 1)</b>                    | Not available  |
| <b>Flammability (solid, gas)</b>                       | Not Applicable   |
| <b>Upper/lower flammability or explosive limits</b>    | <b>Lower Explosive Limit:</b> Not applicable<br><b>Upper Explosive Limit:</b> Not applicable |
| <b>Vapor pressure (Pa)</b>                             | 23 hPa (17mm Hg)   |
| <b>Vapor Density</b>                                   | Not available  |
| <b>Specific Gravity</b>                                | 1.06g/cc   |
| <b>Solubility in Water</b>                             | Complete   |
| <b>Partition coefficient n-octanol/water (Log Kow)</b> | Not Measured   |
| <b>Auto-ignition temperature</b>                       | Not applicable   |
| <b>Decomposition temperature</b>                       | Not available  |
| <b>Viscosity (cSt)</b>                                 | Not available  |
| <b>VOC Content</b>                                     | 0.0%   |

**9.2. Other information**

No other relevant information.

## 10. Stability and reactivity

**10.1. Reactivity**

Hazardous Polymerization will not occur.

**10.2. Chemical stability**

Stable under normal circumstances. Unstable with heat, may result in dangerous pressures. A strong oxidizer, reacts violently upon contact with many organic substances, particularly textile and paper. Avoid light and keep in a closed but vented container to prevent evaporation (concentration) and contamination.

**10.3. Possibility of hazardous reactions**

See above statement in 10.2

**10.4. Conditions to avoid**

Excessive heat, light, incompatibles, and contact with combustible or organic materials.

**10.5. Incompatible materials**

Reducing agents, and combustible or organic materials.

**10.6. Hazardous decomposition products**

Decomposes to Water and Oxygen with rapid heat release. Use vented containers. The solution can decompose violently upon heating.

## 11. Toxicological information

**Acute toxicity**

| Ingredient                              | Oral LD50, mg/kg           | Skin LD50, mg/kg  | Inhalation Vapor LC50, mg/L/4hr | Inhalation Dust/Mist LC50, mg/L/4hr | Inhalation Gas LC50, ppm |
|---|----------------------------|-------------------|---------------------------------|-------------------------------------|--------------------------|
| Hydrogen peroxide solution- (7722-84-1) | 1518.00, Rat - Category: 5 | No data available | No data available               | No data available                   | No data available        |

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

| Classification                | Category | Hazard Description                                    |
|-------------------------------|----------|---|
| Acute toxicity (oral)         | 5        | May be harmful if swallowed. (Not adopted by US OSHA) |
| Acute toxicity (dermal)       | ---      | Not Applicable  |
| Acute toxicity (inhalation)   | ---      | Not Applicable  |
| Skin corrosion/irritation     | 1B       | Causes severe skin burns and eye damage.              |
| Serious eye damage/irritation | 1        | Causes serious eye damage.                            |
| Respiratory sensitization     | ---      | Not Applicable  |
| Skin sensitization            | ---      | Not Applicable  |
| Germ cell mutagenicity        | ---      | Not Applicable  |
| Carcinogenicity               | ---      | Not Applicable  |
| Reproductive toxicity         | ---      | Not Applicable  |
| STOT-single exposure          | ---      | Not Applicable  |
| STOT-repeated exposure        | ---      | Not Applicable  |
| Aspiration hazard             | ---      | Not Applicable  |

## 12. Ecological information

### 12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

### Aquatic Ecotoxicity

| Ingredient                              | 96 hr LC50 fish, mg/l | 48 hr EC50 crustacea, mg/l | ErC50 algae, mg/l |
|---|-----------------------|----------------------------|-------------------|
| Hydrogen peroxide solution- (7722-84-1) | 16.4mg/L              | Daphnia: 2.4mg/L           | 2.5mg/L (72 hr)   |

### 12.2. Persistence and degradability

Expected to be readily biodegradable

### 12.3. Bioaccumulative potential

No bioaccumulation expected.

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

### 12.6. Other adverse effects

No data available.

### 13. Disposal considerations

**13.1. Waste treatment methods**

Observe all federal, state and local regulations when disposing of this substance.

### 14. Transport information

|   | <b>DOT (Domestic Surface Transportation)</b>  | <b>IMO / IMDG (Ocean Transportation)</b>  | <b>ICAO/IATA</b>  |
|---|---|---|---|
| <b>14.1. UN number</b>                  | UN2984  | UN2984  | UN2984  |
| <b>14.2. UN proper shipping name</b>    | UN2984, Hydrogen Peroxide aqueous solution between 8% and 20% Hydrogen Peroxide, 5.1, III | UN2984, Hydrogen Peroxide aqueous solution between 8% and 20% Hydrogen Peroxide, 5.1, 8 | UN2984, Hydrogen Peroxide aqueous solution between 8% and 20% Hydrogen Peroxide, 5.1, 8 |
| <b>14.3. Transport hazard class(es)</b> | <b>DOT Hazard Class:</b> 5.1  | <b>IMDG:</b> Not Applicable<br><b>Sub Class:</b> Not Applicable                         | <b>Air Class:</b> Not Applicable  |
| <b>14.4. Packing group</b>              | III   | III   | III   |

**14.5. Environmental hazards**

**IMDG** Marine Pollutant: No

**14.6. Special precautions for user**

No further information

### 15. Regulatory information

**Regulatory Overview** The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

**Toxic Substance Control Act ( TSCA)** All components of this material are either listed or exempt from listing on the TSCA Inventory.

**WHMIS Classification** C D2B E

**US EPA Tier II Hazards**

**Fire:** No

**Sudden Release of Pressure:** No

**Reactive:** Yes

**Immediate (Acute):** Yes

**Delayed (Chronic):** No

**EPCRA 311/312 Chemicals and RQs (lbs):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**EPCRA 302 Extremely Hazardous:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**EPCRA 313 Toxic Chemicals:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Carcinogens (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Developmental Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Female Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Male Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**New Jersey RTK Substances (>1%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Pennsylvania RTK Substances (>1%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

## 16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H271 May cause fire or explosion; strong oxidizer

H314 Causes severe skin burns and eye damage

H301 Toxic if swallowed

H332 Harmful if inhaled

**Revised 08/10/2015.**

The information herein is presented in good faith and believed to be correct as of the date hereof. However, Diamond Products, Inc., makes no representation as to the completeness and accuracy thereof. Users must make their own determination as to the suitability of the product for their purposes prior to use. No representations or warranties, either express or implied, of merchantability, fitness for a particular purpose or of any other nature with respect to the product or the information herein is made hereunder. Diamond Products, Inc., shall in no event be responsible for any damages of whatsoever nature directly or indirectly resulting from the publication or use of or reliance upon information contained herein.

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