

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
 Trade name : Liquid Oxy Det  
 Product code : 2529

#### 1.2. Recommended use and restrictions on use

Recommended use : Laundry, Detergent

#### 1.3. Supplier

Synthetic Labs  
 24 Victory Lane  
 Dracut, MA, 01826  
 United States  
 T 800.255.4050 - F 978.957.5122  
[www.syntecpro.com](http://www.syntecpro.com)

#### 1.4. Emergency telephone number

Emergency number : Infotrac 24 Hour Medical Emergency Number: 1-800-535-5053

### SECTION 2: Hazard(s) identification

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

##### GHS US classification

Skin corrosion/irritation Category 1A Causes severe skin burns and eye damage  
 Serious eye damage/eye irritation Category 1 Causes serious eye damage

#### 2.2. GHS Label elements, including precautionary statements

##### GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) :

Danger

Hazard statements (GHS US) :

Causes severe skin burns and eye damage  
 Causes serious eye damage

Precautionary statements (GHS US) :

Do not breathe dust/fume/gas/mist/vapors/spray.  
 Wash hands, forearms and face thoroughly after handling.  
 Wear protective gloves/protective clothing/eye protection/face protection.  
 If swallowed: rinse mouth. Do NOT induce vomiting.  
 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 If inhaled: Remove person to fresh air and keep comfortable for breathing.  
 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.  
 Specific treatment (see supplemental first aid instruction on this label).  
 Wash contaminated clothing before reuse.  
 Store locked up.

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Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### 2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

No additional information available

## SECTION 3: Composition/Information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name                 | Product identifier  | %       | GHS US classification  |
|----------------------|---------------------|---------|--|
| Alcohols, Ehoxylated | CAS-No.: 68439-46-3 | 15 – 20 | Acute Tox. 4 (Oral), H302  |
| Hydrogen Peroxide    | CAS-No.: 7722-84-1  | 5 – 10  | Ox. Liq. 1, H271<br>Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Inhalation:vapour), H332<br>Skin Corr. 1A, H314 |

Full text of hazard classes and H-statements : see section 16

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

|                                       |   |
|---------------------------------------|---|
| First-aid measures general            | : Call a physician immediately.   |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing.  |
| First-aid measures after skin contact | : Rinse skin with water/shower. Rinse immediately contaminated clothing and skin with plenty of water before removing clothes. Remove/Take off immediately all contaminated clothing. Call a physician immediately. |
| First-aid measures after eye contact  | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.  |
| First-aid measures after ingestion    | : Rinse mouth. Do not induce vomiting. Call a physician immediately.  |

### 4.2. Most important symptoms and effects (acute and delayed)

|                                     |                           |
|-------------------------------------|---------------------------|
| Symptoms/effects after skin contact | : Burns.                  |
| Symptoms/effects after eye contact  | : Serious damage to eyes. |
| Symptoms/effects after ingestion    | : Burns.                  |

### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

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### 5.2. Specific hazards arising from the chemical

- Fire hazard : Combustible liquid. May cause fire or explosion; strong oxidizer.  
Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Special protective equipment and precautions for fire-fighters

- Firefighting instructions : In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.  
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

- Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapors/spray.

#### 6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

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

- Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.  
Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapors/spray.  
Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

- Storage conditions : Store in a well-ventilated place. Keep cool. Store locked up.  
Incompatible materials : Combustible materials.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

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| Liquid Oxy Det                             |                       |
|--|-----------------------|
| No additional information available        |                       |
| Alcohols, Ehoxylated (68439-46-3)          |                       |
| USA - ACGIH - Occupational Exposure Limits |                       |
| ACGIH OEL TWA [ppm]                        | 1 ppm                 |
| USA - OSHA - Occupational Exposure Limits  |                       |
| OSHA PEL (TWA) [2]                         | 1 ppm                 |
| OSHA PEL (STEL) [2]                        | 5 ppm                 |
| USA - NIOSH - Occupational Exposure Limits |                       |
| NIOSH REL TWA [ppm]                        | 5 ppm                 |
| NIOSH REL (Ceiling)                        | 9 mg/m <sup>3</sup>   |
| Hydrogen Peroxide (7722-84-1)              |                       |
| USA - ACGIH - Occupational Exposure Limits |                       |
| Local name                                 | Hydrogen peroxide     |
| ACGIH OEL TWA [ppm]                        | 1 ppm                 |
| Remark (ACGIH)                             | Eye, URT, & skin irr  |
| USA - OSHA - Occupational Exposure Limits  |                       |
| Local name                                 | Hydrogen peroxide     |
| OSHA PEL (TWA) [1]                         | 1.4 mg/m <sup>3</sup> |
| OSHA PEL (TWA) [2]                         | 1 ppm                 |

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.  
Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

|  |
|--|
| <b>Hand protection:</b>  |
| Protective gloves  |
| <b>Eye protection:</b>   |
| Safety glasses   |
| <b>Skin and body protection:</b>   |
| Wear fire/flame resistant/retardant clothing.                            |
| <b>Respiratory protection:</b>   |
| In case of insufficient ventilation, wear suitable respiratory equipment |

#### Personal protective equipment symbol(s):



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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

|   |                         |
|---|-------------------------|
| Physical state                                  | : Liquid                |
| Appearance                                      | : Liquid.               |
| Color   | : clear                 |
| Odor  | : odorless              |
| Odor threshold                                  | : No data available     |
| pH  | : 2 – 3                 |
| pH solution                                     | : $\geq 0$              |
| Melting point                                   | : Not applicable        |
| Freezing point                                  | : No data available     |
| Boiling point                                   | : No data available     |
| Flash point                                     | : No data available     |
| Relative evaporation rate (butyl acetate=1)     | : No data available     |
| Flammability (solid, gas)                       | : Not applicable.       |
| Vapor pressure                                  | : No data available     |
| Relative vapor density at 20°C                  | : No data available     |
| Relative density                                | : No data available     |
| Density   | : 1.04 g/m <sup>3</sup> |
| Solubility                                      | : No data available     |
| Partition coefficient n-octanol/water (Log Pow) | : No data available     |
| Auto-ignition temperature                       | : No data available     |
| Decomposition temperature                       | : No data available     |
| Viscosity, kinematic                            | : No data available     |
| Viscosity, dynamic                              | : No data available     |
| Explosion limits                                | : No data available     |
| Explosive properties                            | : No data available     |
| Oxidizing properties                            | : No data available     |

#### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

May cause fire or explosion; strong oxidizer.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

#### 10.5. Incompatible materials

Combustible materials.

#### 10.6. Hazardous decomposition products

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

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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

| Alcohols, Ehoxylated (68439-46-3) |                               |
|-----------------------------------|-------------------------------|
| LD50 oral rat                     | 1378 mg/kg (Rat, Oral)        |
| LD50 dermal rabbit                | > 2000 mg/kg (Rabbit, Dermal) |
| ATE US (oral)                     | 1378 mg/kg body weight        |

| Hydrogen Peroxide (7722-84-1) |                       |
|-------------------------------|-----------------------|
| ATE US (oral)                 | 500 mg/kg body weight |
| ATE US (vapors)               | 11 mg/l/4h            |

Skin corrosion/irritation : Causes severe skin burns.  
pH: 2 – 3

| Hydrogen Peroxide (7722-84-1) |            |
|-------------------------------|------------|
| pH                            | 3.3 (30 %) |

Serious eye damage/irritation : Causes serious eye damage.  
pH: 2 – 3

| Hydrogen Peroxide (7722-84-1) |            |
|-------------------------------|------------|
| pH                            | 3.3 (30 %) |

Respiratory or skin sensitization : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
Reproductive toxicity : Not classified  
STOT-single exposure : Not classified  
STOT-repeated exposure : Not classified  
Aspiration hazard : Not classified  
Viscosity, kinematic : No data available  
Symptoms/effects after skin contact : Burns.  
Symptoms/effects after eye contact : Serious damage to eyes.  
Symptoms/effects after ingestion : Burns.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : Before neutralisation, the product may represent a danger to aquatic organisms.

#### 12.2. Persistence and degradability

| Alcohols, Ehoxylated (68439-46-3) |                                 |
|-----------------------------------|---------------------------------|
| Persistence and degradability     | Readily biodegradable in water. |

| Hydrogen Peroxide (7722-84-1) |                                   |
|-------------------------------|-----------------------------------|
| Persistence and degradability | Biodegradability: not applicable. |
| Chemical oxygen demand (COD)  | Not applicable                    |

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| Hydrogen Peroxide (7722-84-1) |                |
|-------------------------------|----------------|
| ThOD                          | Not applicable |
| BOD (% of ThOD)               | Not applicable |

### 12.3. Bioaccumulative potential

| Alcohols, Ehoxylated (68439-46-3) |                                    |
|-----------------------------------|------------------------------------|
| Bioaccumulative potential         | No bioaccumulation data available. |

| Hydrogen Peroxide (7722-84-1) |                      |
|-------------------------------|----------------------|
| Bioaccumulative potential     | Not bioaccumulative. |

### 12.4. Mobility in soil

| Hydrogen Peroxide (7722-84-1) |  |
|-------------------------------|--|
| Ecology - soil                | No (test)data on mobility of the component(s) available. |

### 12.5. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

### 14.1. UN number

Not regulated for transport

### 14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not applicable  
Proper Shipping Name (TDG) : Not applicable  
Proper Shipping Name (IMDG) : Not applicable  
Proper Shipping Name (IATA) : Not applicable

### 14.3. Transport hazard class(es)

**DOT**  
Transport hazard class(es) (DOT) : Not applicable

**TDG**  
Transport hazard class(es) (TDG) : Not applicable

**IMDG**  
Transport hazard class(es) (IMDG) : Not applicable

**IATA**  
Transport hazard class(es) (IATA) : Not applicable

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### 14.4. Packing group

|                      |                  |
|----------------------|------------------|
| Packing group (DOT)  | : Not applicable |
| Packing group (TDG)  | : Not applicable |
| Packing group (IMDG) | : Not applicable |
| Packing group (IATA) | : Not applicable |

### 14.5. Environmental hazards

Other information : No supplementary information available.

### 14.6. Special precautions for user

#### DOT

No data available

#### TDG

No data available

#### IMDG

No data available

#### IATA

No data available

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

| Name                 | CAS-No.    | Listing | Commercial status | Flags |
|----------------------|------------|---------|-------------------|-------|
| Alcohols, Ehoxylated | 68439-46-3 | Present | Active            | XU    |
| Hydrogen Peroxide    | 7722-84-1  | Present | Active            |       |

#### Hydrogen Peroxide (7722-84-1)

Not subject to reporting requirements of the United States SARA Section 313

RQ (Reportable quantity, section 304 of EPA's List of Lists) 1000 lb

SARA Section 302 Threshold Planning Quantity (TPQ) 1000 lb

### 15.2. International regulations

#### CANADA

##### Alcohols, Ehoxylated (68439-46-3)

Listed on the Canadian DSL (Domestic Substances List)

##### Hydrogen Peroxide (7722-84-1)

Listed on the Canadian DSL (Domestic Substances List)

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### EU-Regulations

No additional information available

### National regulations

No additional information available

### 15.3. US State regulations

| Component                    | State or local regulations                                 |
|------------------------------|--|
| Hydrogen Peroxide(7722-84-1) | U.S. - New Jersey - Right to Know Hazardous Substance List |

## SECTION 16: Other information

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Revision date : 1/8/2024

### Hazard Rating

Health : 3 Serious Hazard - Major injury likely unless prompt action is taken and medical treatment is given

Flammability : 1 Slight Hazard - Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 F. (Class IIIB)

Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.