

# SAFETY DATA SHEET

## ZEP SSL OXY BRITE

Version 1.3

Revision Date 10/01/2023

Print Date 04/28/2025

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Material name : ZEP SSL OXY BRITE

Material number : Q05555C

#### Manufacturer or supplier's details

Company : Zep Inc.

Address : 11627 - 178 Street  
Edmonton, Alberta T5S 1N6  
Canada

Telephone : Compliance Services - 877-428-9937

#### Emergency telephone numbers

For SDS Information : Compliance Services - 877-428-9937

For a Medical Emergency : 877-541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency : CHEMTREC: 800-424-9300 - All Calls Recorded.

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

### SECTION 2. HAZARDS IDENTIFICATION

#### Emergency Overview

|                |            |
|----------------|------------|
| Physical state | liquid     |
| Colour         | colourless |
| Odour          | odourless  |

#### GHS Classification

Oxidizing liquids : Category 1  
Acute toxicity (Oral) : Category 4  
Skin corrosion : Category 1A  
Serious eye damage : Category 1

#### GHS label elements

Hazard pictograms :



Flame over  
circle



Corrosion



Exclamation  
mark

Signal word : Danger

# SAFETY DATA SHEET

## ZEP SSL OXY BRITE

Version 1.3

Revision Date 10/01/2023

Print Date 04/28/2025

Hazard statements : H271 May cause fire or explosion; strong oxidizer.  
H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.

Precautionary statements : **Prevention:**  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P220 Keep away from clothing and other combustible materials.  
P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P283 Wear fire resistant or flame retardant clothing.

**Response:**  
P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.  
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.  
P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.  
P305 + P351 + P338 + P310 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/doctor.  
P306 + P360 IF ON CLOTHING: rinse immediately contaminated clothing and skin with plenty of water before removing clothes.  
P363 Wash contaminated clothing before reuse.  
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.  
P371 + P380 + P375 In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

**Storage:**  
P420 Store separately.

**Disposal:**  
P501 Dispose of contents/container in accordance with local regulation.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

#### Hazardous components

| Chemical name     | CAS-No.   | Concentration [%] |
|-------------------|-----------|-------------------|
| hydrogen peroxide | 7722-84-1 | >= 10 - < 30      |

# SAFETY DATA SHEET

## ZEP SSL OXY BRITE

Version 1.3

Revision Date 10/01/2023

Print Date 04/28/2025

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### SECTION 4. FIRST AID MEASURES

- |   |  |
|---|--|
| General advice  | : Move out of dangerous area.<br>Consult a physician.<br>Show this safety data sheet to the doctor in attendance.<br>Do not leave the victim unattended.   |
| If inhaled  | : If unconscious, place in recovery position and seek medical advice.<br>If symptoms persist, call a physician.  |
| In case of skin contact                                     | : Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty.<br>Wash off immediately with plenty of water for at least 15 minutes.<br>Remove contaminated clothing and shoes.<br>Wash contaminated clothing before reuse.<br>If skin irritation persists, call a physician.  |
| In case of eye contact                                      | : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.<br>Small amounts splashed into eyes can cause irreversible tissue damage and blindness.<br>Continue rinsing eyes during transport to hospital.<br>Remove contact lenses.<br>Protect unharmed eye.<br>Keep eye wide open while rinsing.<br>If eye irritation persists, consult a specialist. |
| If swallowed  | : Keep respiratory tract clear.<br>DO NOT induce vomiting unless directed to do so by a physician or poison control center.<br>Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person.<br>If symptoms persist, call a physician.<br>Take victim immediately to hospital.  |
| Most important symptoms and effects, both acute and delayed | : Effects are immediate and delayed.<br>Symptoms may include blistering, irritation, burns, and pain.<br>Effects are dependent on exposure (dose, concentration, contact time).<br>Harmful if swallowed.<br>Causes severe skin burns and eye damage.<br>Review section 2 of SDS to see all potential hazards.  |
| Notes to physician  | : Treat symptomatically. Symptoms may be delayed.  |

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### SECTION 5. FIREFIGHTING MEASURES

- |                              |   |
|------------------------------|---|
| Suitable extinguishing media | : Alcohol-resistant foam<br>Carbon dioxide (CO <sub>2</sub> )<br>Dry chemical |
| Unsuitable extinguishing     | : High volume water jet   |

# SAFETY DATA SHEET

## ZEP SSL OXY BRITE

Version 1.3

Revision Date 10/01/2023

Print Date 04/28/2025

media

Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : No hazardous combustion products are known

Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.  
For safety reasons in case of fire, cans should be stored separately in closed containments.  
Use a water spray to cool fully closed containers.

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.  
Evacuate personnel to safe areas.

Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains, inform respective authorities.

Methods and materials for containment and cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

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### SECTION 7. HANDLING AND STORAGE

Advice on safe handling : Do not breathe vapours or spray mist.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
To avoid spills during handling keep bottle on a metal tray.  
Dispose of rinse water in accordance with local and national regulations.

Conditions for safe storage : Prevent unauthorized access.  
Keep container tightly closed in a dry and well-ventilated place.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Observe label precautions.

# SAFETY DATA SHEET

## ZEP SSL OXY BRITE

Version 1.3

Revision Date 10/01/2023

Print Date 04/28/2025

Electrical installations / working materials must comply with the technological safety standards.

Materials to avoid : Do not store near acids.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

| Components        | CAS-No.   | Value type<br>(Form of exposure) | Control parameters / Permissible concentration | Basis     |
|-------------------|-----------|----------------------------------|--|-----------|
| hydrogen peroxide | 7722-84-1 | TWA                              | 1 ppm<br>1.4 mg/m <sup>3</sup>                 | CA AB OEL |
|                   |           | TWA                              | 1 ppm  | CA BC OEL |
|                   |           | TWAEV                            | 1 ppm<br>1.4 mg/m <sup>3</sup>                 | CA QC OEL |
|                   |           | TWA                              | 1 ppm  | ACGIH     |

Engineering measures : effective ventilation in all processing areas

#### Personal protective equipment

Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

Hand protection

Material : Protective gloves

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection

: Ensure that eyewash stations and safety showers are close to the workstation location.  
Tightly fitting safety goggles  
Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection

: Impervious clothing  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures

: When using do not eat or drink.  
When using do not smoke.  
Wash hands before breaks and at the end of workday.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Colour : colourless

# SAFETY DATA SHEET

## ZEP SSL OXY BRITE

Version 1.3

Revision Date 10/01/2023

Print Date 04/28/2025

|  |                                 |
|--|---------------------------------|
| Odour                                  | : odourless                     |
| pH                                     | : < 3                           |
| Boiling point                          | : 108 °C                        |
| Flash point                            | :<br>Not applicable             |
| Evaporation rate                       | : > 1                           |
| Upper explosion limit                  | : No data available             |
| Lower explosion limit                  | : No data available             |
| Vapour pressure                        | : No data available             |
| Density                                | : 1.08 - 1.15 g/cm <sup>3</sup> |
| Solubility(ies)                        |                                 |
| Water solubility                       | : completely soluble            |
| Partition coefficient: n-octanol/water | : No data available             |
| Auto-ignition temperature              | : No data available             |
| Viscosity                              |                                 |
| Viscosity, kinematic                   | : No data available             |

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### SECTION 10. STABILITY AND REACTIVITY

|                                    |   |
|------------------------------------|---|
| Reactivity                         | : Stable under recommended storage conditions., May cause or intensify fire; oxidizer.                          |
| Chemical stability                 | : Stable under normal conditions.   |
| Possibility of hazardous reactions | : Hazardous polymerisation does not occur.  |
| Conditions to avoid                | : Heat, flames and sparks.<br>Direct heating, dirt, chemical contamination, sunlight, UV or ionising radiation. |
| Incompatible materials             | : Combustible material<br>Copper alloys<br>Strong reducing agents<br>Iron<br>Organic materials                  |
| Hazardous decomposition products   | : Oxygen  |

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### SECTION 11. TOXICOLOGICAL INFORMATION

# SAFETY DATA SHEET

## ZEP SSL OXY BRITE

Version 1.3

Revision Date 10/01/2023

Print Date 04/28/2025

### Potential Health Effects

Aggravated Medical Condition : None known.

Symptoms of Overexposure : Effects are immediate and delayed.  
Symptoms may include blistering, irritation, burns, and pain.  
Effects are dependent on exposure (dose, concentration, contact time).  
Harmful if swallowed.  
Causes severe skin burns and eye damage.  
Review section 2 of SDS to see all potential hazards.  
Treat symptomatically. Symptoms may be delayed.

### Carcinogenicity:

#### IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

#### ACGIH

Confirmed animal carcinogen with unknown relevance to humans

hydrogen peroxide

7722-84-1

### Acute toxicity

#### Product:

Acute oral toxicity : Acute toxicity estimate : 1,725 mg/kg  
Method: Calculation method

### Skin corrosion/irritation

#### Product:

Remarks: Extremely corrosive and destructive to tissue.

### Serious eye damage/eye irritation

#### Product:

Remarks: May cause irreversible eye damage.

### Respiratory or skin sensitisation

No data available

### Germ cell mutagenicity

No data available

### Carcinogenicity

No data available

### Reproductive toxicity

No data available

### STOT - single exposure

# SAFETY DATA SHEET

## ZEP SSL OXY BRITE

Version 1.3

Revision Date 10/01/2023

Print Date 04/28/2025

No data available

### STOT - repeated exposure

No data available

### Aspiration toxicity

No data available

### Further information

#### Product:

Remarks: No data available

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## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

No data available

### Persistence and degradability

No data available

### Bioaccumulative potential

#### Product:

Partition coefficient: n-octanol/water : Remarks: No data available

### Mobility in soil

No data available

### Other adverse effects

No data available

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : The product should not be allowed to enter drains, water courses or the soil.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Dispose of in accordance with local regulations.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.  
Do not burn, or use a cutting torch on, the empty drum.



# SAFETY DATA SHEET

## ZEP SSL OXY BRITE

Version 1.3

Revision Date 10/01/2023

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### SECTION 14. TRANSPORT INFORMATION

|   |
|---|
| Transportation Regulation (TDG) / Règlement Pour Le Transport (TMD): (Canada):<br>UN2014, HYDROGEN PEROXIDE, AQUEOUS SOLUTION, 5.1, (8), II |
|---|

|  |
|--|
| Transportation Regulation / Règlement Pour Le Transport: IMDG (Vessel):<br>UN2014, HYDROGEN PEROXIDE, AQUEOUS SOLUTION, 5.1, (8), II |
|--|

|   |
|---|
| Transportation Regulation / Règlement Pour Le Transport: IATA (Cargo Air):<br>UN2014, Hydrogen peroxide, aqueous solution, 5.1, (8), II |
|---|

|   |
|---|
| Transportation Regulation / Règlement Pour Le Transport: IATA (Passenger Air):<br>UN2014, Hydrogen peroxide, aqueous solution, 5.1, (8), II |
|---|

|  |
|--|
| Transportation Regulation / Règlement Pour Le Transport: 49 CFR (USA):<br>UN2014, Hydrogen peroxide, aqueous solutions, 5.1, (8), II |
|--|

The product as delivered to the customer conforms to packaging requirements for shipment by road under Transport Dangerous Goods (TDG) Canada regulations. Additional transportation classifications noted above are for reference only, and not a certification or warranty of the suitability of the packaging for shipment under these alternative transport regulations.

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### SECTION 15. REGULATORY INFORMATION

This product has been classified according to the hazard criteria of the HPR and the SDS contains all of the information required by the HPR.

**The components of this product are reported in the following inventories:**

|             |  |
|-------------|--|
| <b>TSCA</b> | On TSCA Inventory                                      |
| <b>DSL</b>  | All components of this product are on the Canadian DSL |

For information on the country notification status for other regions please contact the manufacturer's regulatory group.

#### Inventory Acronym and Validity Area Legend:

TSCA (USA), DSL (Canada), NDSL (Canada)

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### SECTION 16. OTHER INFORMATION

WHMIS - GHS Label Information:

# SAFETY DATA SHEET

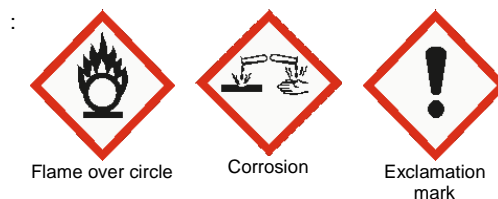
## ZEP SSL OXY BRITE

Version 1.3

Revision Date 10/01/2023

Print Date 04/28/2025

Hazard pictograms



Signal word

Hazard statements

Precautionary statements

: **Danger:**  
: May cause fire or explosion; strong oxidizer. Harmful if swallowed. Causes severe skin burns and eye damage.  
:  
: **Prevention:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep away from clothing and other combustible materials. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/ protective clothing/ eye protection/ face protection. Wear fire resistant or flame retardant clothing.  
: **Response:** IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor. 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/doctor. IF ON CLOTHING: rinse immediately contaminated clothing and skin with plenty of water before removing clothes. Wash contaminated clothing before reuse. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.  
: **Storage:** Store separately.  
: **Disposal:** Dispose of contents/container in accordance with local regulation.

|                |            |
|----------------|------------|
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