

**SAFETY DATA SHEET****OXOL II CLEANER**

Revision Date: 20-May-2013

Revision Number: 9

**1. Product Identifier & Identity for the Chemical**

**Statement of Hazardous Nature** Hazardous according to the criteria of NOHSC, Non-Dangerous Goods according to the criteria of ADG.

**Product Identifier**

**Product Name** OXOL II CLEANER

**Other means of Identification**

**Synonyms:** None  
**Product Code:** HM001150

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

**Recommended Use** Concentrate  
**Uses Advised Against** No information available

**Supplier's name, address and phone number**

**Manufacturer/Supplier** Halliburton Australia Pty. Ltd.  
15 Marriott Road  
Jandakot  
WA 6164  
Australia  
  
ACN Number: 009 000 775  
Telephone Number: 61 (08) 9455 8300  
Fax Number: 61 (08) 9455 5300  
fdunexchem@halliburton.com

**E-Mail address:****Emergency phone number**

61 (08) 9455 8300

**Australian Poisons Information Centre**

24 Hour Service: - 13 11 26  
Police or Fire Brigade: - 000 (exchange): - 1100

**2. Hazard Identification****Classification of the hazardous chemical**

Acute Oral Toxicity	Category 4- (H302)
Serious Eye Damage / Eye Irritation	Category 1- (H318)
Reproductive Toxicity	Category 1B- (H360)
Specific Target Organ Toxicity - (Single Exposure)	Category 3- (H335)

**Label elements, including precautionary statements**

## 2. Hazard Identification

### Hazard Pictograms



### Signal Word

**Danger**

### Hazard Statements

H318 - Causes serious eye damage  
 H360Df - May damage the unborn child. Suspected of damaging fertility  
 H302 - Harmful if swallowed  
 H335 - May cause respiratory irritation

### Precautionary Statements

#### Prevention

P201 - Obtain special instructions before use  
 P202 - Do not handle until all safety precautions have been read and understood  
 P261 - Avoid breathing dust/fume/gas/mist/vapors/spray  
 P264 - Wash face, hands and any exposed skin thoroughly after handling  
 P270 - Do not eat, drink or smoke when using this product  
 P271 - Use only outdoors or in a well-ventilated area  
 P280 - Wear eye protection/face protection  
 P281 - Use personal protective equipment as required

#### Response

P301+ P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell  
 P330 - Rinse mouth  
 P304 + P340 - IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing  
 P312 - Call a POISON CENTER or doctor/physician if you feel unwell  
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 P310 - Immediately call a POISON CENTER or doctor/physician  
 P308 + P313 - IF exposed or concerned: Get medical advice/attention

#### Storage

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed  
 P405 - Store locked up

#### Disposal

P501 - Dispose of contents/container to an approved landfill

### Contains

#### Substances

Sodium perborate tetrahydrate

#### CAS Number

10486-00-7

### Other hazards which do not result in classification

None known

### Australia Classification

For the full text of the R-phrases mentioned in this Section, see Section 16

<b>Classification</b>	T - Toxic. Xi - Irritant.
<b>Risk Phrases</b>	R61 May cause harm to the unborn child. R62 Possible risk of impaired fertility. R37 Irritating to respiratory system. R41 Risk of serious damage to eyes.

### 3. Composition/information on Ingredients

Substances	CAS Number	PERCENT
Sodium perborate tetrahydrate	10486-00-7	60 - 100%

### 4. First Aid Measures

#### Description of necessary first aid measures

<b>Inhalation</b>	If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.
<b>Eyes</b>	In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.
<b>Skin</b>	In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes. Get medical attention. Remove contaminated clothing and launder before reuse.
<b>Ingestion</b>	Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

#### Symptoms caused by exposure

May cause severe eye irritation. May cause respiratory irritation. Potential reproductive hazard. May be harmful if swallowed.

#### Medical Attention and Special Treatment

**Notes to Physician** Treat symptomatically

### 5. Fire Fighting Measures

#### Suitable extinguishing equipment

##### Suitable Extinguishing Media

Water fog, carbon dioxide, foam, dry chemical.

##### Extinguishing media which must not be used for safety reasons

None known.

#### Specific hazards arising from the chemical

##### Special Exposure Hazards

Decomposition in fire may produce toxic gases. Releases oxygen at high temperatures.

#### Special protective equipment and precautions for fire fighters

##### Special Protective Equipment for Fire-Fighters

Full protective clothing and approved self-contained breathing apparatus required for fire fighting personnel.

## 6. Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

Use appropriate protective equipment. Avoid creating and breathing dust.

### Environmental precautions

Prevent from entering sewers, waterways, or low areas.

### Methods and material for containment and cleaning up

Scoop up and remove.

## 7. Handling and Storage

### Precautions for Safe Handling

#### Handling Precautions

Avoid contact with eyes, skin, or clothing. Avoid creating or inhaling dust.

#### Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice

### Conditions for safe storage, including any incompatibilities

#### Storage Information

Store away from combustibles. Store in a cool, dry location. Product has a shelf life of 24 months.

#### Other Guidelines

No information available

## 8. Exposure Controls/Personal Protection

### Control parameters - exposure standards, biological monitoring

Substances	CAS Number	Australia NOHSC	ACGIH TLV-TWA
Sodium perborate tetrahydrate	10486-00-7	Not applicable	2 mg/m <sup>3</sup>

### Appropriate engineering controls

#### Engineering Controls

Use in a well ventilated area.

### Personal protective equipment (PPE)

#### Respiratory Protection

Dust/mist respirator. (N95, P2/P3)

#### Hand Protection

Impervious rubber gloves.

#### Skin Protection

Rubber apron.

#### Eye Protection

Dust proof goggles.

#### Other Precautions

Eyewash fountains and safety showers must be easily accessible.

#### Environmental Exposure Controls

No information available

## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

**Physical State:** Solid  
**Odor:** Odorless

**Color:** White  
**Odor Threshold:** No information available

Property  
Remarks/ Method

Values

## 9. Physical and Chemical Properties

pH:	10
Melting Point/Range	No data available
Freezing Point/Range (C):	No data available
Boiling Point/Range	No data available
Flash Point	No data available
Evaporation rate	No data available
Vapor Pressure	6.2 mmHg
Vapor Density	No data available
Specific Gravity	1.73
Water Solubility	Soluble in water
Solubility in other solvents	No data available
Partition coefficient: n-octanol/water	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available
Explosive Properties	No information available
Oxidizing Properties	No information available

### Other information

Molecular Weight	153.86
VOC Content (%)	No data available

## 10. Stability and Reactivity

### Reactivity

Not applicable

### Chemical Stability

Stable

### Possibility of Hazardous Reactions

Will Not Occur

### Conditions to Avoid

Avoid contact with organic materials.

### Incompatible Materials

Contact with water. Organic matter. All flammables, especially petroleum products, asphalt & other volatile flammables. Metal salts such as aluminum chloride.

### Hazardous Decomposition Products

Oxygen.

## 11. Toxicological Information

### Information on routes of exposure

**Principle Route of Exposure** Eye or skin contact, inhalation.

### Symptoms related to exposure

### Most Important Symptoms/Effects

May cause severe eye irritation. May cause respiratory irritation. Potential reproductive hazard. May be harmful if swallowed.

### Numerical measures of toxicity

Substances	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium perborate tetrahydrate	1200 mg/kg ( Rat )	No data available	No data available

**Immediate, delayed and chronic health effects from exposure**

<b>Inhalation</b>	Causes severe respiratory irritation. May be absorbed through inhalation contributing to symptoms listed under ingestion.
<b>Eye Contact</b>	Causes severe eye irritation which may damage tissue. May cause eye burns.
<b>Skin Contact</b>	May cause skin irritation.
<b>Ingestion</b>	Causes burns of the mouth, throat and stomach. May cause abdominal pain, vomiting, nausea, and diarrhea.

**Chronic Effects/Carcinogenicity** Prolonged or repeated exposure may cause gastrointestinal effects and muscular dysfunction. Prolonged or repeated exposure may cause reproductive system damage. Prolonged or repeated exposure may cause embryo and fetus toxicity.

**Exposure Levels**

No data available

**Interactive effects**

None known. Skin disorders.

**Data limitations**

No data available

## 12. Ecological Information

**Ecotoxicity****Product Ecotoxicity Data**

No data available

**Substance Ecotoxicity Data**

Substances	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Sodium perborate tetrahydrate	No information available	TLM24: 160-320 mg/l (Oncorhynchus mykiss)	No information available	No information available

**Persistence and degradability**

The methods for determining biodegradability are not applicable to inorganic substances.

**Bioaccumulative potential**

No information available

**Mobility in soil**

No information available

**Other adverse effects****Endocrine Disruptor Information**

This product does not contain any known or suspected endocrine disruptors

## 13. Disposal Considerations

**Safe handling and disposal methods**

Bury in a licensed landfill according to federal, state, and local regulations.

**Disposal of any contaminated packaging**

This bag may contain residue of a hazardous material. Some authorities may regulate such containers as hazardous waste. Dispose of container according to national or local regulations.

**13. Disposal Considerations****Environmental regulations**

Not applicable

**14. Transport Information****Transportation Information**

<b>UN Number:</b>	Not restricted.
<b>UN Proper Shipping Name:</b>	Not restricted
<b>Transport Hazard Class(es):</b>	Not applicable
<b>Packing Group:</b>	Not applicable
<b>Environmental Hazards:</b>	Not applicable

**Special precautions during transport**

None

**HazChem Code**

None Allocated

**15. Regulatory Information****Safety, health and environmental regulations specific for the product****International Inventories**

<b>Australian AICS Inventory</b>	All components listed on inventory or are exempt.
<b>New Zealand Inventory of Chemicals</b>	All components listed on inventory or are exempt.
<b>EINECS Inventory</b>	This product, and all its components, complies with EINECS
<b>US TSCA Inventory</b>	All components listed on inventory or are exempt.
<b>Canadian DSL Inventory</b>	All components listed on inventory or are exempt.

**Poisons Schedule number**

None Allocated

**16. Other Information****Date of preparation or review****Revision Date:** 20-May-2013**Revision Note****The following sections have been revised since the last issue of this SDS**

Not applicable

**Additional Information**

For additional information on the use of this product, contact your local Halliburton representative.

For questions about the Safety Data Sheet for this or other Halliburton products, contact Chemical Compliance at 1-580-251-4335.

**Key abbreviations or acronyms used**

Not applicable

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**Key literature references and sources for data**

[www.ChemADVISOR.com/](http://www.ChemADVISOR.com/)

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**End of Safety Data Sheet**