

SAFETY DATA SHEET

Oxy Spotter

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Oxy Spotter
Product Number: C185-4

Company Identification

Chem-Dry New Zealand LTD
108 Kelfield Place
Hastings, New Zealand
0800 24 36 37 Chem-Dry New Zealand LTD For product information)

HRI

2. HAZARDS IDENTIFICATION

GHS Classification:

Serious Eye Damage - Category 1

GHS Hazard Symbols:

Corrosive



SIGNAL WORD:

Danger.

GHS Hazard Statements:

H318 - Causes serious eye damage.

GHS Precautionary Statements:

P305/351/338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P102 - Keep out of reach of children.

P103 - Read label before use.

P281 - Use personal protective equipment as required.

3. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT LISTING:

Chemical Name	Amount	CAS Number
C10-C16 ALKYL ALCOHOL SULFURIC ACID SODIUM SALT	0.5 - 2.0 %	68585-47-7



Chemical Name	Amount	CAS Number
STYRENE- MALEIC ANHYDRIDE COPOLYMER, SODIUM SALT	4.0 - 7.0 %	52500-92-2
HYDROGEN PEROXIDE	1.0 - 4.0 %	7722-84-1

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

Get medical attention. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.

SKIN CONTACT FIRST AID:

Get medical attention if irritation develops or persists. Flush skin with plenty of water.

INHALATION FIRST AID:

Get medical attention if cough or other symptoms develop. If breathing is difficult, give oxygen. Remove to fresh air.

INGESTION FIRST AID:

Careful evacuation of stomach by medical personnel imperative. Call a physician or poison control center immediately. Give victim a glass of water or milk. Do not induce vomiting.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

N/A.

EXTINGUISHING MEDIA:

Use water spray to cool fire exposed containers.

FIRE FIGHTING INSTRUCTIONS:

Evacuate non-emergency personnel to a safe area. Avoid breathing smoke, fumes, and decomposition products. Contact emergency personnel as necessary.

COMBUSTION PRODUCTS:

Carbon dioxide, carbon monoxide, oxides of nitrogen.

MISCELLANEOUS:

Water spray may be used to cool cans in the vicinity of fire or excessive heat.

6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):

Wear safety goggles. Avoid breathing vapor.

INITIAL CONTAINMENT:

Wash area to prevent slipping. Absorb spills with inert material.

LARGE SPILLS PROCEDURE:

Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container.

SMALL SPILLS PROCEDURE:

Absorb spills with inert material.



7. HANDLING AND STORAGE



RECOMMENDED STORAGE TEMPERATURE

Minimum: 4.4 C (39.9 F)
Maximum: 54.4 C (129.9 F)

SHELF LIFE: (in original, sealed containers)

12 months @ 4.4 C

HANDLING (PERSONNEL):

Do not inhale. Do not get in eyes, on skin or clothing. Remove contaminated clothing and wash before reuse. Wash hands thoroughly after handling.

HANDLING (PHYSICAL ASPECTS):

Keep out of reach of children. Product includes hydrogen peroxide. Store in a cool dry area. Avoid extreme temperatures.

STORAGE PRECAUTIONS:

Do not store near combustible materials. Store away from heat. Store in a cool place in original container and protect from sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

Use only with adequate ventilation.

EYE / FACE PROTECTION REQUIREMENTS:

Wear safety glasses.

SKIN PROTECTION REQUIREMENTS:

Wear protective gloves to minimize skin contamination. Wash hands thoroughly after handling. For brief contact, normal work attire should be sufficient.

EXPOSURE GUIDELINES:

Hydrogen Peroxide

OSHA PEL: 1 ppm, 1.4 mg/m³
OSHA TWA: 1 ppm, 1.4 mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Liquid
COLOR:	Light Amber
ODOR:	Dependent of fragrance
BOILING POINT:	100 C
SOLUBILITY IN WATER:	soluble
SPECIFIC GRAVITY:	1.0 (Water = 1)
PH:	5.0-6.5

FLAMMABLE PROPERTIES

COC Flash Point: N/A
Autoignition Temperature: N/A

FLAMMABLE LIMITS IN AIR

LEL: N/A
UEL: N/A



10. STABILITY AND REACTIVITY

STABILITY:

This compound is stable at ambient conditions.

POLYMERIZATION:

Hazardous polymerization will not occur.

DECOMPOSITION:

Oxygen can be produced.

CONDITIONS TO AVOID:

Avoid Storage at elevated temperatures or in direct sunlight.

11. TOXICOLOGICAL INFORMATION

C10-C16 Alkyl Alcohol Sulfuric Acid Sodium Salt

Test Code: LC50

Species: Rat

Results: >88 mg/m³

Test Code: LC50

Description: Exposure time: 4 h Test atmosphere: dust/mist

Species: Mouse

Results: > 5 mg/l

Test Code: Acute Dermal Exposure

Description: Calculation Method

Results: > 5,000 mg/kg

Hydrogen Peroxide

Test Code: Oral LD50

Species: Mouse

Results: 2000 mg/Kg

Test Code: Inhalation LC50

Species: Rat

Results: 2000 mg/m³/4H

Test Code: Dermal LD50

Species: Rat

Results: 4060 mg/Kg

Test Code: Oral LD50

Species: Rat

Results: 1518 mg/kg (8-20% solution)

Test Code: Acute Inhalation

Description: LC50

Species: Mouse

Results: LC50: 20mg/l -4 hour



12. ECOLOGICAL INFORMATION

C10-C16 Alkyl Alcohol Sulfuric Acid Sodium Salt



Test Code: EC50
Description: Exposure time: 48 h
Species: Daphnia magna (water flea)
Results: 4.7 mg/l

Hydrogen Peroxide

Test Code: LC50
Species: Fathead minnow
Results: 22000 - 35000 mg/L/96H

Test Code: Acute Aquatic Toxicity (48 hr.)
Species: Fingerling trout
Results: >40 ppm

Test Code: LC50
Description: 96 Hrs
Species: Fathead Minnows
Results: 16.4 mg/l

Test Code: LC50
Description: 48 Hrs
Species: Daphia (Water Flea)
Results: 2.4 mg/l

Test Code: ErC50
Description: 72 Hrs
Species: Skeletonema costatum
Results: 1.38 mg/l

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

14. TRANSPORT INFORMATION

PRODUCT LABEL: Oxy Spotter
D.O.T. SHIPPING NAME: Not regulated

MISCELLANEOUS:

DOT Shipping Exception:

Not Regulated.

IMO/IMDG Shipping Classification:

Not Regulated.

IMO/IMDG Shipping Classification:

Not Regulated.

15. REGULATORY INFORMATION



EEC Symbols and Indications of Danger:

None

R-Phrases:

R36/38 - Irritating to eyes and skin.

R43 - May cause sensitization by skin contact.

S-Phrases:

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37 - Wear suitable gloves.

S53 - Avoid exposure. Obtain special instructions before use.

S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S24/25 - Avoid contact with skin and eyes.

S28 - After contact with skin, wash immediately with plenty of soap and water.

WHMIS Hazard Symbols:

None

Canadian Disclosure List

Hydrogen Peroxide (7722-84-1)

16. OTHER INFORMATION

PREPARED BY:	Sterling Nesbit
APPROVED BY:	Sterling Nesbit
TITLE:	Chemist
APPROVAL DATE:	April 1, 2019
SUPERCEDES DATE:	March 15, 2019
RTN NUMBER:	00000300 (Official Copy)

NFPA Rating:

Health -
Flammability -
Reactivity -
Special Hazard - Oxidizer

