

MATERIAL SAFETY DATA SHEET

According to 2001/58/EEC

01. PRODUCT AND COMPANY IDENTIFICATION



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M14003

LCM 240110/01

BIO BRIGHT OXY L

Liquid Oxygen Bleach

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02. COMPOSITION AND INFORMATION ON INGREDIENTS

Component	CAS	Weight %
Hydrogen peroxide	7722 - 84 - 1	≤ 60 %
Water	7732 - 18 - 5	40 - 50 %

03. HAZARDS IDENTIFICATION

Irritant to eyes and skin
Irritating to respiratory system
Oxidizer
Contact with combustibles may cause fire
Corrosive to eyes, nose, throat, lungs and gastrointestinal tract.

04. FIRST AID MEASURES

Inhalation	Move to fresh air in case of accidental inhalation.
Skin contact	Immediately rinse with plenty of water.
Eye contact	Wash eyes immediately with large amounts of water. Get medical attention immediately.
Ingestion	Rinse mouth thoroughly with water and drink water afterwards. Consult a doctor. Wash hands thoroughly after handling.

05. FIRE FIGHTING MEASURES

Extinguishing media	Use extinguishing media appropriate to surrounding fire
Specific hazard	Non flammable, it does not present any particular risk on the event of fire.
Flash point	Above 230°C
Boiling point	Above 98°C

06. ACCIDENTAL RELEASE MEASURES

Dilute with large volume of water. Hydrogen peroxide may decomposed by adding sodium meta bi sulfate or sodium sulfate after diluting to about 5%. Dispose according to the methods outlined for waste disposal.

07. HANDLING AND STORAGE

Avoid any direct contact with the product. Wear chemicals splash type mono goggles, impervious clothing such as rubber pvc etc. avoid cotton, wool and leather.

STORAGE: Keep in the original container on a cool ventilated place. Container must be tightly closed after usage. Keep away from direct sunlight and combustibles.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ensure good ventilation of the workstation.

Personal Protective equipment : Protective gloves made from nitrile, pvc or neoprene and safety spectacles.

Emergency equipment : Safety shower, Eye fountain

09. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colourless Clear Liquid
Chemical nature	Hydrogen peroxide
pH of 1% solution	4.0 - 5.0
Compatibility	Compatible with alkaline products
Oxidizing properties	Strong oxidizer
Solubility in water	Completely soluble

10. STABILITY AND REACTIVITY DATA

Stable under normal conditions of use.

No dangerous reaction known under normal conditions of use.

11. TOXICOLOGICAL INFORMATION

Local effects : Severe irritant to skin and eyes

12. ECOLOGICAL INFORMATION

Biodegradable

13. DISPOSAL CONSIDERATIONS

Dilute with large amount of water and allow the product to decompose followed by discharge in to a suitable treatment system in accordance with all regulatory agencies.

14. TRANSPORT INFORMATION

Class 5. 1	Oxidizing material
UN Number	2014
Land (ADR/RID)	Not Restricted
Sea (IMO/IMDG)	Not Restricted
Air (ICAO-IATA)	Restricted

15. REGULATORY INFORMATION

Mandatory labeling (self-classification) of hazardous substances applicable. Classification/Symbols:



Xi (Irritant)



CORROSIVE



OXIDIZING AGENT 5.1

R phrases: R36/38: Irritating to eyes and skin
R41: Risk of serious damage to eyes
R43: May cause sensitization by skin contact
S phrases: S23: Do not breathe
S 26: In case of contact with eyes, rinse with plenty of Water and seek medical advice
S 37: Wear suitable gloves.
S 39: Wear eye/ face protection

16. OTHER INFORMATION

Caution: For manufacturing, processing or repacking by trained personnel

The information contained in this document is true and reliable and is given in good faith based on our current knowledge. The customers may satisfy themselves (by appropriate testing if necessary) that the product is suitable for their purposes and conditions of use and ensure compliance with local legislation. Users are requested to check that they are in possession of the latest version of this document and we are at their disposal to supply any additional information.