

MATERIAL SAFETY DATA SHEET

According to 2001/58/EEC

01. PRODUCT AND COMPANY IDENTIFICATION

M14002



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LCM 080110/01

BIO BRIGHT O₂

Enzymatic powder oxygen bleach

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02. COMPOSITION AND INFORMATION ON INGREDIENTS

Component	CAS	Weight %
Sodium per carbonate	800 - 28 - 0	75 - 80 %
Methyl Ester Sulfonate	93348 - 22 - 2	05 - 10 %
Sodium Meta Silicate Penta hydrate	6834 - 92 - 0	05 - 07 %
Tetraacetythylenediamine(TAED)	10543 - 57 - 4	01 - 02 %

03. HAZARDS IDENTIFICATION

Hazardous in case of ingestion and inhalation. Prolonged exposure may result in skin burns and ulcerations. Over exposure by inhalation may cause Irritating to respiratory system. Inflammation of the eyes is characterized by redness, watering and itching. Skin inflammation is characterized by itching, scaling, reddening or occasionally blistering.

04. FIRST AID MEASURES

Inhalation	Allow the victim to rest in a well ventilated area. Seek medical attention if needed.
Skin contact	After prolonged contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non- abrasive soap. Be particularly care full to clean folds, crevices, creases and groin. Cold water may be used. If irritation persists seek medical attention.
Eye contact	Check for and remove any contact lenses. Immediately flush eyes with running water at least 15 min keeping eye lids open. Cold water may be used. Don't use eye ointment. Seek medical advice.
Ingestion	Do not induce vomiting. Loosen tight clothing such as collar, tie, waist band, belt etc. Seek medical attention.

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 a fire. Use full protectiveclothing and self- contained breathing apparatus. Releases oxygen at high temperatures.
Flash point	Not applicable
Flammability	Non flammable
Special remark	Do not allow water to enter container because of violent reaction. Keep container tightly closed. Powerful oxidizing agent.

06. ACCIDENTAL RELEASE MEASURES

Small spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container. If necessary, neutralize the spills with a mild solution of acetic acid.

Large spill:Oxidizing material. Stop leak, if without risk. Avoid contact with a combustible material (wood, paper, oil, clothing etc...). keep substance damp using water spray. Do not touch spilled material. Prevent entry in to sewers, basements or any confined areas. Neutralize the residue with a dilute solution of acetic acid.

07. HANDLING AND STORAGE

Keep away from heat. Keep away from source of ignition. Keep away from combustible material.

STORAGE: Take all necessary measures to avoid accidental discharge of the products into drains and waterways due to the rupture of containers or transfer systems. Stable under normal storage conditions. Keep in the original container on a cool ventilated place. Container must be tightly closed after usage.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ensure good ventilation of the workstation.

Personal Protective equipment : Protective gloves, safety spectacles.

Emergency equipment : Safety shower, Eye fountain

09. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Light Yellow Powder
Chemical nature	Oxygen releasing detergent
pH 1% of solution	10.0 - 11.0
Bulk Density	1.0 - 1.12

10. STABILITY AND REACTIVITY DATA

Stable under normal conditions of use.

No dangerous reaction known under normal conditions of use.

11. TOXICOLOGICAL INFORMATION

Tox services assessed human health and environmental hazards of two chemicals present in the Novo bio bright O₂formulation. ToxServices has determined that both chemicals present in the Novo bio bright O₂ formulation can be classified as less hazardous, as these chemicals are listed on the U.S. EPA SCIL (SCP 2016).

The Novo Bio Bright O₂ is in powder form; therefore, ToxServices highly recommends that the proper PPE such as goggles and respirators are worn when directly handling the powdered substance as any contact with the eyes, or inhalation, can cause serious ocular and respiratory tract irritation.



■ EPA SCIL Full Green Circle (100%)

12. ECOLOGICAL INFORMATION

Biodegradable

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with safety regulations. Incinerate at a licensed installation

14. TRANSPORT INFORMATION

Land (ADR/RID)	Not Restricted
Sea (IMO/IMDG)	Not Restricted
Air (ICAO-IATA)	Not Restricted

15. REGULATORY INFORMATION

Mandatory labeling (self-classification) of hazardous substances applicable.

Classification/Symbols



Xi (Irritant)

R phrases: R 42 : May cause sensitization by inhalation
R 43 : May cause sensitization by skin contact

S phrases: S 23 : Do not breathe spray
S 24 : Avoid contact with skin
S 36/37/39 : Wear suitable protective clothing and gloves

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.