

DRI-PAK LIMITED

SAFETY DATA SHEET in accordance with Regulation (EC) 1907/2006 and Regulation (EU) 453/2010

Product: **CLEAN & NATURAL OXI BOOST**

MSDS 15/03/D

Version 1

Date compiled December 2018

Revision 0

Date revised n/a

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1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product Identifier**Product Name **Clean & Natural Oxi Boost**

Chemical Name A blend of powders including sodium carbonate peroxyhydrate

UFI: Y154-M01Q-M00U-MGKX

1.2 Relevant identified uses of the substance/mixture and uses advised against

Generally for use in laundry stain removal especially for reusable nappies.

1.2.1 Uses advised against Use only as directed.

1.3 Details of the supplier of the safety data sheet

Company Details	Dri-Pak Limited, Furnace Road, Ilkeston, Derbyshire, DE7 5EP
Telephone	0115 9 325165
Fax	0115 9 440297
E-mail address	bruce@dripak.co.uk

1.4 Emergency Telephone Number

Emergency Number 07836 697940

2 HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

An alkaline preparation which can cause serious damage to the eyes and, on prolonged contact, irritation to the skin.

2.1.1 Classification according to Regulation (EC) 1272/2008

Eye effects category 1 H318 Causes serious eye damage

2.2 Label elements

2.2.1 Labelling according to Regulation (EC) 1272/2008

Hazard Pictogram



Signal Word

Danger

Hazard Statement

H318

Causes serious eye damage

Contains Sodium Carbonate Peroxyhydrate

Precautionary Statements:

P102: Keep out of reach of children.

P235 Keep cool

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 CENTRE or doctor/physician.

P280 + Wear protective gloves/eye/face protection.

P301 + P 330 + P331 IF SWALLOWED: Rinse mouth, Do NOT induce vomiting

P101 If medical advice is needed, have product container or label at hand.

2.3 Other hazards

No component is identified as a PBT or a vPvB substance.

No other information is available.

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3 COMPOSITION/INFORMATION ON INGREDIENTS**3.1/2 Substance/Mixture**

Clean & Natural Oxi Boost is a mixture containing amongst other ingredients

3.2.1/2 Hazardous components in mixture

Sodium carbonate peroxyhydrate Concentration less than 25%

Sodium carbonate Concentration less than 15%

Alkyl polyglucoside Concentration less than 5%

CAS EINECS

Sodium carbonate peroxyhydrate 15630-89-4 239-707-6

Sodium carbonate 497-19-8 207-838-8

Alkyl polyglucoside 68515-73-1

Classification Regulation (EC) 1272/2008

Sodium carbonate peroxyhydrate Ox. Sol. 3: H272; Acute Tox. 4: H302;

Eye Dam. 1: H318

Sodium carbonate Eye Dam. 2: H319

Alkyl polyglucoside Eye Dam. 1, H318

3.2.3 Other hazardous components in mixture

None identified.

REACH registered number(s): Sodium carbonate peroxyhydrate 01-2119457268-30-XXXX

REACH registered number(s): Sodium Carbonate 01-2119485498-19-0018

The full texts of all R-Phrases are displayed in Section 16.

4. FIRST AID MEASURES**4.1 Description of first aid measures****4.1.1 General Advice**

Take off all contaminated clothing.

Inhalation

Remove patient to fresh air, keep warm and at rest. Keep patient under observation at all times. Obtain medical attention if symptoms develop.

Skin contact

Remove contaminated clothing. Dust off promptly and wash the skin with plenty of water until no 'soapy' feeling remains. Obtain medical attention if symptoms, e.g. redness or irritation, develop.

Eye contact

Remove contact lenses if present. The eye should be thoroughly irrigated with clean water for not less than 15 minutes. Obtain medical attention.

Ingestion

Wash out mouth with water and give plenty of water to drink. Do not induce vomiting. If patient feels unwell obtain medical attention.

Further Medical Treatment

Symptomatic treatment and supportive therapy as indicated.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: Irritation may occur.

Eye contact: Redness or irritation may occur. Eye damage is possible.

Ingestion: May cause coughing.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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5. FIRE FIGHTING MEASURES**5.1 Extinguishing media**

Non-combustible although packaging may burn.

5.1.1 Suitable extinguishing media

Use extinguisher suitable to surrounding fire conditions. Use water spray to cool containers.

5.1.2 Unsuitable extinguishing media

No further information available.

5.2 Special hazards arising from the substance or mixture

Non flammable but in case of nearby fire, may release oxygen and support combustion.

In combustion emits toxic fumes.

5.3 Advice for fire fighters

Self contained breathing apparatus should be used if large quantities of product are involved.

Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures****6.1.1 For non emergency personnel**

Small quantities may be brushed up and washed away using plenty of water. Avoid contact with skin and eyes. Do not breathe dust.

6.1.2 For emergency responders

In the event of accidental release of bulk solid wear suitable gloves and eye/face protection. The preparation can be gently brushed up and placed in suitable dry containers for disposal according to local legislation. The affected area can then be cleaned with plenty of water. Do not generate dust.

6.2 Environmental precautions

Refer to Section 12. Prevent uncontrolled discharges into the environment.

6.3 Methods and material for containment and cleaning up

Refer to 6.1 above.

6.4 Reference to other sections

For personal protection see Section 8.

7. HANDLING AND STORAGE**7.1 Precautions for safe handling**

Always follow good personal hygiene when working with this product. Wash promptly with soap and water if skin becomes contaminated. Do not breathe dust. Avoid contact with skin and eyes. Keep dust levels to a minimum. Ensure adequate ventilation.

7.2 Conditions for safe storage, including any incompatibles

Avoid heat, contamination with acids and reducing agents. Do not create dust. Avoid contamination with water or humidity. Store in original containers in a cool place away from direct sunlight. Avoid contact with acids and cleaners. Keep out of the reach of children.

7.3 Specific end use(s)

Refer to label on container.

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8. EXPOSURE CONTROLS /PERSONAL PROTECTION**8.1 Control parameters**

Workplace exposure limits (WEL) (for sodium carbonate peroxyhydrate) 10mg/m³ total dust; 5mg/m³ respirable dust.

8.2 Exposure controls**8.2.1 Appropriate engineering controls.**

Provide adequate general ventilation.

8.2.2 Personal protective equipment

Respiratory protection	No special precautions unless working with bulk product for prolonged periods when breathing apparatus should be provided.
Eye protection	Wear eye/face protection rated to protect eyes against dust. Ensure eye bath is to hand.
Skin protection	Gloves are recommended for people with sensitive or damaged skin.
Industrial Hygiene	Normal standards of industrial hygiene should be observed.
Disposal	Empty container thoroughly before disposal. Recycle empty container.

8.2.3 Environmental exposure controls

Contain any large spillage, avoid large discharges to the environment. Dispose of any large rinse water in accordance with local and national regulations.

9. PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Appearance	white crystals
Colour	white (some variations may have coloured speckles)
Odour	odourless
Odour threshold	currently not available
pH	10.5
Melting point/Freezing Point	not applicable
Initial boiling point and boiling point range	not applicable
Flash point	not applicable
Evaporation rate	not applicable
Flammability (solid, gas)	does not ignite
Upper flammability or explosive limits	currently not available
Vapour pressure	currently not available
Vapour density	currently not available
Relative density	0.9-1.2
Solubility(ies)	soluble in water
Partition coefficient: n-octanol/water	currently not available
Autoignition temperature	does not burn
Decomposition temperature	currently not available
Viscosity	not applicable
Explosive properties	not explosive
Oxidising properties	sodium carbonate peroxyhydrate has oxidising properties

9.2 Other information

None available.

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10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable under recommended transport or storage conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4 Conditions to avoid

Heat and moisture. Sources of ignition. Acids, and reducing agents. Metals and their salts.

Flammable and organic materials.

10.5 Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids. Strong reducing agents.

10.6 Hazardous decomposition productsIn combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION11.1 Information on toxicological effects

No specific information available.

Inhalation There may be irritation of the throat with a feeling of tightness in the chest.

Skin contact There may be irritation and redness at the site of contact.

Eye contact There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

12. ECOLOGICAL INFORMATION12.1 Toxicity

No specific information available for Oxi Boost.

For sodium carbonate peroxy hydrate ORL RAT LD50 1034 mg/kg.

12.2 Persistence and degradability

Not biodegradable.

12.3 Bioaccumulative potential

No bioaccumulation potential.

12.4 Mobility in soil

Soluble in water.

12.5 Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6 Other adverse effectsToxic to aquatic organisms. No environmental hazard is likely provided the product is handled and disposed of with due care in accordance with normal household practice on following the instructions on the label.

13. DISPOSAL CONSIDERATIONS13.1 Waste treatment methodsDisposal should be in accordance with local, county or national legislation. Small quantities may be washed away using plenty of water. Dispose of contents by following the directions for use. Empty the container and recycle where possible.

14. TRANSPORT INFORMATIONIn its normal packaging this product is not classified as hazardous for transport.

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15. REGULATORY INFORMATION**15.1 Safety, health and and environmental regulations/legislation specific for the substance or mixture**

Health, safety and environmental details to be shown on label Ref: Regulation (EC) 1272/2008.

Refer to Section 2.

15.2 Chemical safety assessment

No chemical safety assessment has been carried out on this product.

16. OTHER INFORMATION

List of Hazard Statements not included in Sections 2 & 3.

H272: May intensify fire; oxidiser.

H302: Harmful if swallowed.

H318: Causes serious eye damage.

H319 Causes serious eye irritation

H335 May cause respiratory irritation

Hazards

Ox. Sol. 3 Oxidising solid Category 3

STOT SE 3: Specific target organ toxicity single exposure Category 3

Abbreviations and acronyms

PBT Persistent, Bioaccumulative, Toxic

vPvB very Persistent, very Bioaccumulative

The product information in this Data Sheet is, to the best of Dri-Pak's knowledge, correct as at the date of publication. No warranty is implied with respect to the quality or the specification of the product. The user must satisfy himself/herself that the product is suitable for his/her purpose.
