

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Product name : Hyperblan
Product code : 048
Type of product : Detergent
Product group : Mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Main use category : Professional use
Use of the substance/mixture : Oxygen-based bleaching agents

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer

Christeyns NV
Afrikalaan 182
9000 GENT
Belgium
T +32 (0)9/ 223 38 71 - F +32 (0)9/ 233 03 44
info@christeyns.be - www.christeyns.com

Distributor

Casoria Company Ltd. Ltd
1 Farnham Street
IE- H12 A9K0 Cavan – Co. Cavan
Ireland
T 00353 49 4361869 - F 00353 49 436 1869
sds@casoria.ie - www.casoria.ie

Distributor

Christeyns UK Ltd.
Rutland Street
GB- Bradford BD4 7EA
United Kingdom
T +44 (0)1274 39 32 86 - F +44 (0)1274 30 91 43
info@christeyns.be - www.christeyns.com

Distributor

Christeyns Technologies Ltd.
Mazars, Block 3, Harcourt Centre, Harcourt Road
IE- 2 Dublin
Ireland
T Tel: +353 1 8146022

Distributor

Christeyns Food Hygiene Ltd. Ltd
2, Cameron Court, Winwick Quay
GB- WA2 8RE Warrington – Cheshire
United Kingdom
T +44(0)1925 234696 - F +44(0)1925 234693
UK-foodinfo@christeyns.com - www.christeyns.com

1.4. Emergency telephone number

| Country | Official advisory body | Address | Emergency number | Comment |
|----------------|------------------------------------------------------------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------|
| Ireland | National Poisons Information Centre Beaumont Hospital | PO Box 1297 Beaumont Road 9 Dublin | +353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7) | |
| United Kingdom | National Poisons Information Service (Birmingham Centre) City Hospital | Dudley Road B18 7QH Birmingham | 0344 892 0111 | Only for healthcare professionals |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Ox. Sol. 3 H272
Acute Tox. 4 (Oral) H302
Eye Dam. 1 H318

Full text of hazard classes, H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

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2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



CLP Signal word

: Danger

Contains

: Sodium disilicate, Sodium percarbonate

Hazard statements (CLP)

: H272 - May intensify fire; oxidiser.
H302 - Harmful if swallowed.
H318 - Causes serious eye damage.

Precautionary statements (CLP)

: P233 - Keep container tightly closed.
P280 - Wear eye protection, protective gloves.
P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
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 CENTER/doctor.

2.3. Other hazards

Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---------------------|-----------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------|
| Sodium percarbonate | CAS-no: 15630-89-4 Einecs nr: 239-707-6 REACH-no: 01-2119457268-30 | 30 – 60 | Ox. Sol. 3, H272 Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 |
| Sodium carbonate | CAS-no: 497-19-8 Einecs nr: 207-838-8 EG annex nr: 011-005-00-2 REACH-no: 01-2119485498-19 | 10 – 30 | Eye Irrit. 2, H319 |
| Sodium disilicate | CAS-no: 1344-09-8 Einecs nr: 215-687-4 EG annex nr: 215-687-4 REACH-no: 01-2119448725-31 | 1 – 3 | Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 |

Specific concentration limits:

| Name | Product identifier | Specific concentration limits |
|---------------------|--------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Sodium percarbonate | CAS-no: 15630-89-4 Einecs nr: 239-707-6 REACH-no: 01-2119457268-30 | (10 \leq C < 25) Eye Irrit. 2, H319 (25 \leq C < 100) Eye Dam. 1, H318 (25 \leq C < 100) Acute Tox. 4 (Oral), H302 |

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice

: In case of doubt or persistent symptoms, consult always a physician.

Inhalation

: Take victim to fresh air, in a quiet place and if necessary take medical advice.

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| | |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Skin contact | : Wash off with plenty of water. Get medical advice/attention. Immediately remove contaminated clothing or footwear. |
| Eye contact | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. |
| Ingestion | : Do NOT induce vomiting. Immediately call a POISON CENTER/doctor. Rinse mouth out with water. |

4.2. Most important symptoms and effects, both acute and delayed

| | |
|--------------------------|-------------------------------------------|
| Acute effects skin | : May cause skin irritation / dermatitis. |
| Acute effects eyes | : Risk of damage to eyes. |
| Acute effects oral route | : May be harmful if swallowed. |

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--------------------------------|-----------------------------------------|
| Suitable extinguishing media | : All extinguishing agents can be used. |
| Unsuitable extinguishing media | : Do not use a heavy water stream. |

5.2. Special hazards arising from the substance or mixture

| | |
|-------------|----------------------------------------------------------------|
| Fire hazard | : Not combustible but enhances combustion of other substances. |
|-------------|----------------------------------------------------------------|

5.3. Advice for firefighters

| | |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Firefighting instructions | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. |
| Protection during firefighting | : Use self-contained breathing apparatus and chemically protective clothing. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|------------------|-------------------------------|
| General measures | : No open flames. No smoking. |
|------------------|-------------------------------|

6.1.1. For non-emergency personnel

| | |
|----------------------|-------------------------------------------------------------------|
| Protective equipment | : Concerning personal protective equipment to use, see section 8. |
| Emergency procedures | : Evacuate unnecessary personnel. |

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Avoid undiluted product to come into sewer or superficial water.

6.3. Methods and material for containment and cleaning up

| | |
|-------------------------|--------------------------------------------------------------------------------------------------------------------|
| Methods for cleaning up | : On land, sweep or shovel into suitable containers. Minimise generation of dust. Store away from other materials. |
|-------------------------|--------------------------------------------------------------------------------------------------------------------|

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Additional hazards when processed | : Hazardous waste due to potential risk of explosion. |
| Precautions for safe handling | : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Take any precaution to avoid mixing with combustibles... Avoid contact with skin and eyes. |
| Hygiene measures | : Do not eat, drink or smoke when using this product. |

7.2. Conditions for safe storage, including any incompatibilities

| | |
|------------------------|-----------------------------------------------------------------------------------------------------|
| Technical measures | : Proper grounding procedures to avoid static electricity should be followed. |
| Storage conditions | : Store tightly closed in a dry and cool place. Keep only in original container. Keep out of frost. |
| Incompatible products | : Strong bases. Strong acids. |
| Incompatible materials | : Sources of ignition. Direct sunlight. Heat sources. combustible materials. |
| Material(s) to avoid | : Strong acids. A lot of organic materials. |

7.3. Specific end use(s)

No additional information available

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No additional information available

8.2.2. Personal protection equipment

8.2.2.1. Eye and face protection

Eye protection:

Safety glasses with side-shields (EN 166)

8.2.2.2. Skin protection

Protective equipment:

Wear suitable protective clothing minimum (EN 13034) Type 6 equipment

Hand protection:

Chemical resistant PVC gloves (to European standard EN 374 or equivalent)

8.2.2.3. Respiratory protection

Respiratory protection:

Ensure good ventilation. Dust production: dust mask with filter type P2

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-----------------------------|---------------------------------|
| Physical state | : Solid |
| Colour | : Colourless. White. |
| Physical state/form | : Powder. |
| Odour | : perfumed. Characteristic. |
| Odour threshold | : Not available |
| Melting point/range | : Not available |
| Freezing point | : Not available |
| Boiling point/Boiling range | : Not available |
| Flammability | : Non flammable. |
| Oxidising properties | : May intensify fire; oxidiser. |
| Explosive limits | : Not applicable |
| Lower explosion limit | : Not applicable |
| Upper explosion limit | : Not applicable |
| Flash point | : Not applicable |
| Autoignition temperature | : Not applicable |
| Decomposition temperature | : Not available |

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| | |
|-------------------------------------------------|-------------------|
| pH | : 10.8 ± 0,5 (1%) |
| pH solution | : Not available |
| Viscosity, kinematic | : Not applicable |
| Solubility | : Not available |
| Partition coefficient n-octanol/water (Log Kow) | : Not available |
| Vapour pressure | : Not available |
| Vapour pressure at 50 °C | : Not available |
| Density | : 1.015 kg/l |
| Relative density | : Not available |
| Relative vapour density at 20 °C | : Not applicable |
| Particle size | : Not available |
| Particle size distribution | : Not available |
| Particle shape | : Not available |
| Particle aspect ratio | : Not available |
| Particle aggregation state | : Not available |
| Particle agglomeration state | : Not available |
| Particle specific surface area | : Not available |
| Particle dustiness | : Not available |

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Humid air. Sparks. Overheating. Open flame.

10.5. Incompatible materials

Never mix with other materials.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

| | |
|-----------------------------|-------------------------|
| Acute toxicity (oral) | : Harmful if swallowed. |
| Acute toxicity (dermal) | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

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|-----------------------------------|--------------------------------------------------------------------|
| ATE CLP (oral) | 1956.851 mg/kg bodyweight |
| Sodium percarbonate (15630-89-4) | |
| LD50 dermal | > 2000 mg/kg bodyweight |
| Skin corrosion/irritation | : Not classified pH: 10.8 ± 0,5 (1%) |
| Additional information | : Based on available data, the classification criteria are not met |
| Serious eye damage/irritation | : Causes serious eye damage. pH: 10.8 ± 0,5 (1%) |
| Additional information | : Causes serious eye damage. |
| Respiratory or skin sensitisation | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Germ cell mutagenicity | : Not classified |

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| | |
|------------------------|--------------------------------------------------------------------|
| Additional information | : Based on available data, the classification criteria are not met |
| Carcinogenicity | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Reproductive toxicity | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| STOT-single exposure | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |

Sodium disilicate (1344-09-8)

| | |
|------------------------|--------------------------------------------------------------------|
| STOT-single exposure | May cause respiratory irritation. |
| STOT-repeated exposure | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Aspiration hazard | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No additional information available

11.2.2. Other information

Potential adverse human health effects and symptoms : Harmful if swallowed.

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

Sodium percarbonate (15630-89-4)

| | |
|------------------------------------|--------------------|
| LC50 - Fish [1] | > 70 mg/l |
| EC50 - Other aquatic organisms [1] | 4.9 mg/l waterflea |
| NOEC (acute) | 2 mg/l |

12.2. Persistence and degradability

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| | |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |
|-------------------------------|------------------|

12.3. Bioaccumulative potential

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| | |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |
|---------------------------|------------------|

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste / unused products : Collect all waste in suitable and labelled containers and dispose according to local legislation.

European List of Waste (LoW) code : 20 01 29* - detergents containing dangerous substances




SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

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| ADR | IMDG | IATA |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 14.1. UN number or ID number | | |
| UN 3378 | UN 3378 | UN 3378 |
| 14.2. UN proper shipping name | | |
| SODIUM CARBONATE PEROXYHYDRATE | SODIUM CARBONATE PEROXYHYDRATE | Sodium carbonate peroxyhydrate |
| Transport document description | | |
| UN 3378 SODIUM CARBONATE PEROXYHYDRATE (MIXTURE), 5.1, III, (E) | UN 3378 SODIUM CARBONATE PEROXYHYDRATE (MIXTURE), 5.1, III | UN 3378 Sodium carbonate peroxyhydrate (MIXTURE), 5.1, III |
| 14.3. Transport hazard class(es) | | |
| 5.1 | 5.1 | 5.1 |
|  |  |  |
| 14.4. Packing group | | |
| III | III | III |
| 14.5. Environmental hazards | | |
| Dangerous for the environment: No | Dangerous for the environment: No Marine pollutant: No | Dangerous for the environment: No |
| No supplementary information available | | |

14.6. Special precautions for user

Overland transport

| | |
|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Classification code (ADR) | : O2 |
| Limited quantities (ADR) | : 5kg |
| Packing instructions (ADR) | : P002, IBC08, LP02, R001 |
| Special packing provisions (ADR) | : B3 |
| Mixed packing provisions (ADR) | : MP10 |
| Portable tank and bulk container instructions (ADR) | : T1, BK1, BK2, BK3 |
| Portable tank and bulk container special provisions (ADR) | : TP33 |
| Tank code (ADR) | : SGAV |
| Tank special provisions (ADR) | : TU3 |
| Vehicle for tank carriage | : AT |
| Transport category (ADR) | : 3 |
| Special provisions for carriage - Bulk (ADR) | : VC1, VC2, AP6, AP7 |
| Special provisions for carriage - Loading, unloading and handling (ADR) | : CV24 |
| Hazard identification number (Kemler No.) | : 50 |
| Orange plates | :  |
| Tunnel code | : E |
| EAC code | : 1Y |

Transport by sea

| | |
|---------------------------------|--------------|
| Special provisions (IMDG) | : 967 |
| Packing instructions (IMDG) | : P002, LP02 |
| IBC packing instructions (IMDG) | : IBC08 |

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IBC special provisions (IMDG) : B3

Air transport

PCA Limited quantities (IATA) : Y546

PCA limited quantity max net quantity (IATA) : 10kg

PCA packing instructions (IATA) : 559

PCA max net quantity (IATA) : 25kg

CAO packing instructions (IATA) : 563

CAO max net quantity (IATA) : 100kg

Special provisions (IATA) : A803

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Allergenic fragrances > 0,01%:

LINALOOL

Detergent Regulation (648/2004/EC): Labelling of contents:

| Component | % |
|-------------------------------|------|
| Oxygen-based bleaching agents | ≥30% |
| non-ionic surfactants | <5% |
| perfumes | |
| LINALOOL | |

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances.

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Other information

: It is recommended to pass the information of this safety data sheet in an appropriate form to the users. Such information is actually the best of our knowledge and believes accurate as reliable. This information relates to the specific material designated and may not be valid in combination with other products.

This safety data sheet is in compliance with 1907/2006/EEC. It is user's liabilities to take all necessary measures to meet local required laws and regulations. The producer is not responsible for any damage and loss due to the use of information mentioned in this safety data sheet.

Full text of H- and EUH-statements:

| | |
|---------------------|-----------------------------------------------|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |

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Full text of H- and EUH-statements:

| | |
|---------------|--------------------------------------------------------------------------------------------|
| H272 | May intensify fire; oxidiser. |
| H302 | Harmful if swallowed. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H335 | May cause respiratory irritation. |
| Ox. Sol. 3 | Oxidising Solids, Category 3 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation |

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

| | | |
|---------------------|------|--|
| Ox. Sol. 3 | H272 | |
| Acute Tox. 4 (Oral) | H302 | |
| Eye Dam. 1 | H318 | |

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.