

## SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 453/2010)

### SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier 3002055

**Product name : Hospec Non-Biological Laundry Tablets**

**Product code : 56014038**

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

Laundry powder

Use descriptor system (REACH) :

1.3. Details of the supplier of the safety data sheet

Registered company name : McBride PLC Barrow .

Address : Park Road.LA14 4BN.Barrow, Cumbria.UK.

Telephone : +44 (0)1229 814 000. Fax : +44 (0)1229 836 518.

MSDS@mcbride.co.uk

www.detergentinfo.com

1.4. Emergency telephone number : + 44 (0) 161 653 9037.

Association/Organisation : .

Other emergency numbers

### SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

Eye irritation, Category 2 (Eye Irrit. 2, H319).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

May produce an allergic reaction.

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements

Detergent mixture (see section 15).

In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms :



GHS07

Signal Word :

WARNING

Hazard statements :

H319 Causes serious eye irritation.

Precautionary statements - General :

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

P102 Keep out of reach of children.

P103 Read label before use.

Precautionary statements - Prevention :

P264 Wash hands thoroughly after handling.

Precautionary statements - Response :



P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/attention.

### 2.3. Other hazards

In use, may form flammable/explosive dust-air mixture.

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC)  $\geq$  0.1% published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture satisfies neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

## SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

#### Composition :

Identification	(EC) 1272/2008	67/548/EEC	Note	%
INDEX: 011-005-00-2 CAS: 497-19-8 EC: 207-838-8 REACH: 01-2119485498-19-  SODIUM CARBONATE	GHS07 Wng Eye Irrit. 2, H319	Xi Xi;R36		10 $\leq$ x % < 25
INDEX: 1001124 CAS: 15630-89-4 EC: 239-707-6 REACH: 01-2119457268-30  DISODIUM CARBONATE, COMPOUND WITH HYDROGEN PEROXIDE (2:3) (SODIUM CARBONATE PEROXIDE)	GHS07, GHS05 Dgr Acute Tox. 4, H302 Eye Dam. 1, H318	Xn,O Xn;R22 Xi;R41 O;R8		10 $\leq$ x % < 25
INDEX: 1001301 CAS: 68411-30-3 EC: 270-115-0  BENZENESULFONIC ACID, C10- 13-ALKYL DERIVS., SODIUM SALTS (SODIUM DODECYLBENZENESULFONATE)	GHS07, GHS05 Dgr Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412	Xn Xn;R22 Xi;R38-R41 R52/53		0 $\leq$ x % < 2.5
INDEX: E460(i) CAS: 9004-34-6 EC: 232-674-9  CELLULOSE MICROCRISTALLINE			[1]	0 $\leq$ x % < 2.5
INDEX: 1001854 CAS: 68955-19-1 EC: 273-257-1 REACH: 01-2119490225-39-  SULFURIC ACID, MONO-C12-18- ALKYL ESTERS, SODIUM SALTS (SODIUM C12-18 ALKYL SULFATE)	GHS05 Dgr Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412	Xi Xi;R38-R41 R52/53		0 $\leq$ x % < 2.5
INDEX: 1001843 CAS: 7775-19-1 EC: 231-891-6  SODIUM METABORATE, ANHYDROUS	GHS07, GHS08 Wng Eye Irrit. 2, H319Repr. 2, H361d	Xn Repr. Cat. 3;R63 Xi;R36	[2]	0 $\leq$ x % < 2.5

#### Information on ingredients :

[1] Substance for which maximum workplace exposure limits are available.

[2] Carcinogenic, mutagenic or reprotoxic (CMR) substance.



Other data :

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## SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

### 4.1. Description of first aid measures

In the event of exposure by inhalation :

In the event of splashes or contact with eyes :

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.

Regardless of the initial state, refer the patient to an ophthalmologist and show him the label.

If there is any redness, pain or visual impairment, consult an ophthalmologist.

In the event of splashes or contact with skin :

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

In the event of swallowing :

Seek medical attention, showing the label.

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

No data available.

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

No data available.

Specific and immediate treatment :

Information for the doctor :

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## SECTION 5 : FIREFIGHTING MEASURES

Non-flammable.

### 5.1. Extinguishing media

Suitable methods of extinction

In the event of a fire, use :

Unsuitable methods of extinction

In the event of a fire, do not use :

### 5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)

- carbon dioxide (CO<sub>2</sub>)

### 5.3. Advice for firefighters

No data available.

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## SECTION 6 : ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For non first aid worker

Avoid any contact with the skin and eyes.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

### 6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

### 6.3. Methods and material for containment and cleaning up

No data available.

### 6.4. Reference to other sections



No data available.

## SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

### 7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Emergency showers and eye wash stations will be required in facilities where the mixture is handled constantly.

### Fire prevention :

Prevent access by unauthorised personnel.

### Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Avoid eye contact with this mixture at all times.

### Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

### 7.2. Conditions for safe storage, including any incompatibilities

No data available.

### Storage

Keep out of reach of children.

### Packaging

Always keep in packaging made of an identical material to the original.

Recommended types of packaging :

Suitable packaging materials :

Unsuitable packaging materials :

### 7.3. Specific end use(s)

No data available.

## SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### Occupational exposure limits :

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
9004-34-6		10 mg/m <sup>3</sup> -	-	-	-

- France (INRS - ED984 :2008) :

CAS	VME-ppm :	VME-mg/m <sup>3</sup> :	VLE-ppm :	VLE-mg/m <sup>3</sup> :	Notes :	TMP No :
9004-34-6	-	10	-	-	-	-

- UK / WEL (Workplace exposure limits, EH40/2005, 2007) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
9004-34-6		10 mg/m <sup>3</sup>	320 mg/m <sup>3</sup> -	-	TI

#### Biological limits :

Derived no effect level (DNEL) or derived minimum effect level (DMEL):

Predicted no effect concentration (PNEC):

### 8.2. Exposure controls

#### Suitable technical inspections

#### Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

#### - Eye / face protection

Avoid contact with eyes.



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Before handling powders or dust emission, wear mask goggles in accordance with standard EN166.

Prescription glasses are not considered as protection.

Provide eyewash stations in facilities where the product is handled constantly.

#### - Hand protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

Recommended properties :

- Impervious gloves in accordance with standard EN374

#### - Body protection

Suitable type of protective clothing :

Suitable type of protective boots :

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

#### - Respiratory protection

Avoid breathing dust.

Type of FFP mask :

Wear a disposable half-mask dust filter in accordance with standard EN149.

Category :

Type of mask with combined filters :

Type of powered air-purifying respirator :

Anti-gas and vapour filter(s) (Combined filters) in accordance with standard EN14387 :

Particle filter according to standard EN143 :

Independent breathing apparatus for respiratory protection :

#### - Thermal risks

Exposure controls linked to environmental protection

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## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

#### General information :

Physical state : Fluid liquid.

#### Important health, safety and environmental information

pH (aqueous solution) : +/-11.1

Neutral.

Boiling point/boiling range : Not relevant.

Flash point interval : Not relevant.

Vapour pressure (50°C) : Not relevant.

Density : > 1

Method for determining the density :

Water solubility : Soluble.

Method for determining the water solubility :

Melting point/melting range : Not relevant.

Self-ignition temperature : Not relevant.

Decomposition point/decomposition range : Not relevant.

### 9.2. Other information

No data available.

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## SECTION 10 : STABILITY AND REACTIVITY

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.



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### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

Avoid :

- formation of dusts
- frost

Dusts can form an explosive mixture with air.

### 10.5. Incompatible materials

Keep away from :

### 10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

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## SECTION 11 : TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

May have irreversible effects on the eyes, such as tissue damage in the eye, or serious physical decay of sight, which is not fully reversible by the end of observation at 21 days.

Serious eye damage is typified by the destruction of cornea, persistent corneal opacity and iritis.

#### 11.1.1. Substances

Acute toxicity :

BENZENESULFONIC ACID, C10-13-ALKYL DERIVS., SODIUM SALTS (SODIUM DODECYLBENZENESULFONATE) (CAS: 68411-30-3)

Oral route : LD50 = 1080 mg/kg

Skin corrosion/skin irritation :

Serious damage to eyes/eye irritation :

Respiratory or skin sensitisation :

Germ cell mutagenicity :

Carcinogenicity :

Reproductive toxicant :

Specific target organ systemic toxicity - single exposure :

Specific target organ systemic toxicity - repeated exposure :

Aspiration hazard :

#### 11.1.2. Mixture

Classification for the eyes is based on the DETNET file study.

Acute toxicity :

Skin corrosion/skin irritation :

Serious damage to eyes/eye irritation :

Respiratory or skin sensitisation :

Germ cell mutagenicity :

Carcinogenicity :

Reproductive toxicant :

Specific target organ systemic toxicity - single exposure :

Specific target organ systemic toxicity - repeated exposure :

Aspiration hazard :

Symptoms related to the physical, chemical and toxicological characteristics

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Interactive effects



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Absence of specific data

Mixture versus substance information

Other information

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## SECTION 12 : ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### 12.1.1. Substances

#### 12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

### 12.2. Persistence and degradability

No data available.

#### 12.2.1. Substances

#### 12.2.2. Mixtures

### 12.3. Bioaccumulative potential

No data available.

#### 12.3.1. Substances

#### 12.3.2. Mixtures

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

No data available.

### 12.6. Other adverse effects

No data available.

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## SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

### 13.1. Waste treatment methods

Do not pour into drains or waterways.

#### Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

#### Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

#### Local arrangements :

Codes of wastes (Decision 2001/573/EC, Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste) :

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## SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2013 - IMDG 2012 - ICAO/IATA 2014).

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## SECTION 15 : REGULATORY INFORMATION

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

#### - Classification and labelling information included in section 2:

The following regulations have been used:

- Directive 67/548/EEC and its adaptations

- Directive 1999/45/EC and its adaptations

- Regulation EC 1272/2008 modified by regulation EC 618/2012

- EU Regulation No. 1272/2008 amended by EU Regulation No. 758/2013.



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- Container information:

No data available.

- Particular provisions :

No data available.

- Labelling for detergents (EC Regulation No. 648/2004,907/2006) :

Substances that deplete the ozone layer (EC Regulation No. 1005/2009, Montreal Protocol) :

CAS	Substance	Group	Formula	Category	ODP
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- Standardised American system for the identification of hazards presented by the product in view of emergency procedures (NFPA 704) :

- Swiss ordinance on the incentive tax on volatile organic compounds :

15.2. Chemical safety assessment

No data available.

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## SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Title for H, EUH and R indications mentioned in section 3 :

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H361d	Suspected of damaging the unborn child.
H412	Harmful to aquatic life with long lasting effects.
R 22	Harmful if swallowed.
R 36	Irritating to eyes.
R 38	Irritating to skin.
R 41	Risk of serious damage to eyes.
R 52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 63.G3	Possible risk of harm to the unborn child.
R 8	Contact with combustible material may cause fire.

Abbreviations :

CMR: Carcinogenic, mutagenic or reprotoxic.

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungsklasse (Water Hazard Class).

GHS05 : Corrosion