

Issue Date: 27/01/2021
Last Revision Date: 25/10/2023
Superseded Date: 27/01/2011
Version Number: 02

SAFETY DATA SHEET

Product Code: HCPACKK

PAGE 1 OF 13

SECTION 1 PRODUCT IDENTIFICATION

1.1 Product Identifier

Product Name:	Livingstone Hot and Cold Pack
Chemical Name	Not Applicable
Proper shipping name	Not Applicable
Chemical formula	Not Applicable
Other means of identification	Not Available
CAS number	Not Applicable
EC number	Not Applicable
Index number	Not Applicable
REACH Registration Number	Not Applicable

1.2 Relevant Identified uses of the substance or mixture and uses advised against

Relevant identified uses	Used for hot/cold therapy
Uses advised against	Not Applicable

SECTION 2 HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

DSD classification	In case of mixtures, classification has been prepared by following DPD (Directive 1999/45/EC) and CLP Regulation (EC) No 1272/2008 regulations
DPD classification	Not Applicable
Classification according to regulation (EC) No 1272/2008 [CLP]	Not Applicable

2.2. Label Elements

CLP label elements	Not Applicable
SIGNAL WORD	NOT APPLICABLE

Hazard statement(s)

Not Applicable

Supplementary statement(s)

Not Applicable

Precautionary statement(s): Prevention

Not Applicable

Precautionary statement(s): Response

Not Applicable

Precautionary statement(s): Storage

Not Applicable

Precautionary statement(s): Disposal

Not Applicable

Relevant risk statements are found in section 2.1

Indication(s) of danger	Not Applicable
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Issue Date: 27/01/2021
 Last Revision Date: 25/10/2023
 Superseded Date: 27/01/2011
 Version Number: 02

SAFETY DATA SHEET

Product Code: HCPACKK

PAGE 2 OF 13

SAFETY ADVISE

Not Applicable

2.3. Other hazards

Not Applicable

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

See 'Composition on ingredients' in Section 3.2

3.2. Mixtures

1. CAS No 2. EC No 3. Index No 4. REACH No	Name	Classification according to directive 67/548/EEC [DSD]	Classification according to regulation (EC) No 1272/2/2008 [CLP]
1. 7732-18-5 2. 231-791-2 3. Not Available 4. Not Available	Water	Not Applicable	Not Applicable
1. 56-81-5 2. 200-289-5 3. Not Available 4. Not Available	Glycerine	Not Applicable	Not Applicable
1. 9004-32-4 2. Not Available 3. Not Available 4. Not Available	carboxymethylcellulose sodium	Not Applicable	Not Applicable

Legend 1. Classified by Chemwatch; 2. Classification drawn from EC Directive 67/548/EEC - Annex I; 3. Classification drawn from EC Directive 1272/2008 - Annex VI

SECTION 4 FIRST AID MEASURES

4.1 Description of first aid measures

If skin or hair contact occurs

General

- Flush skin and hair with running water (and soap if available)
- Seek medical attention in event of irritation. If this product comes in contact with eyes:
- Wash out immediately with water
- If irritation continues, seek medical attention
- Removal of contact lenses after an eye injury should only be undertaken by skilled personnel
- If fumes, aerosols or combustion products are inhaled remove from contaminated area
- Other measures are usually unnecessary. Treat symptomatically
- Immediately give a glass of water
- First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor

Issue Date: 27/01/2021
Last Revision Date: 25/10/2023
Superseded Date: 27/01/2011
Version Number: 02

SAFETY DATA SHEET

Product Code: HCPACKK

PAGE 3 OF 13

If this product comes in contact with eyes:

Eye Contact

- Wash out immediately with water
 - If irritation continues, seek medical attention
 - Removal of contact lenses after an eye injury should only be undertaken by skilled personnel
- If skin or hair contact occurs:

Skin Contact

- Flush skin and hair with running water (and soap if available)
- Seek medical attention in event of irritation
- If fumes, aerosols or combustion products inhaled removed from contaminated area. Other measures are usually unnecessary

Inhalation

Ingestion

- Immediately give a glass of water
- First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor

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

See Section 11

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

Treat symptomatically

SECTION 5

FIRE FIGHTING MEASURES

5.1. Extinguishing media

- There is no restriction on the type of extinguisher which may be used
- Use extinguishing media suitable for surrounding area

5.2. Special hazards arising from the substrate or mixture

Fire Incompatibility

None known

5.3. Advice for firefighters

Fire Fighting

- Alert Fire Brigade and tell them location and nature of hazard
- Wear breathing apparatus plus protective gloves in the event of fire
- Prevent, by any means available, spillage from entering drains or water courses
- Use fire fighting procedures suitable for surrounding area

Fire/Explosion Hazard

- Non combustible
- Not considered a significant fire risk, however containers may burn

SECTION 6

ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

See Section 8

6.2. Environmental precautions

See Section 12

6.3. Methods and material for containment and cleaning up

Minor Spills

- Clean up all spills immediately
- Avoid breathing vapours and contact with skin and eyes
- Control personal contact with the substance, by using protective equipment
- Contain and absorb spill with sand, earth, inert material or vermiculite

Major Spills

- Minor hazard
- Clear area of personnel
 - Alert Fire Brigade and tell them location and nature of hazard

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Issue Date: 27/01/2021
Last Revision Date: 25/10/2023
Superseded Date: 27/01/2011
Version Number: 02

SAFETY DATA SHEET

Product Code: HCPACKK

PAGE 4 OF 13

6.4. Reference to other sections

- Control personal contact with the substance, by using protective equipment as required

Personal Protective Equipment advice is contained in Section 8 of the SDS

SECTION 7 HANDLING AND STORAGE

7.1. Precautions for safe handling

Safe handling

- Limit all unnecessary personal contact
- Wear protective clothing when risk of exposure occurs
- Use in a well-ventilated area.
- Avoid contact with incompatible materials

Fire and explosion protection

See Section 5

Other information

Not available

7.2. Conditions for safe storage, including any incompatibilities

Suitable container

- PE Nylon
- Packing as recommended by manufacturer
- Check all containers are clearly labelled and free from leaks

Storage incompatibility

Avoid contamination of water, food stuffs, feed or seed. None known



Flammable



Explosive



Skull and Crossbones



Radioactive



Oxidizing



Harmful

- x - Must not be stored together
- o - May be stored together with specific preventions
- +

PACKAGE MATERIAL INCOMPATIBILITIES

Not Available

7.3. Specific end use(s)

See Section 1.2

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

DERIVED NO EFFECT LEVEL (DNEL)

Not Available

PREDICTED NO EFFECT LEVEL (PNEC)

Not Available

OCCUPATIONAL EXPOSURE LIMITS (OEL)

INGREDIENT DATA

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
UK Workplace Exposure Limits (WELs)	Glycerine	Glycerine, mist	10 mg/m3	Not Available	Not Available	Not Available

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Issue Date: 27/01/2021
Last Revision Date: 25/10/2023
Superseded Date: 27/01/2011
Version Number: 02

SAFETY DATA SHEET

Product Code: HCPACKK




PAGE 5 OF 13

EMERGENCY LIMITS

Ingredient	TEEL-0	TEEL-1	TEEL-2	TEEL-3
water	500 ppm	500 ppm	500 ppm	500 ppm
Glycerine	15 ppm	100 ppm	500 ppm	500 ppm
sodium carboxymethylcellulose	0.4 ppm	1.25 ppm	7.5 ppm	500 ppm

Ingredient	Original IDLH	Revised IDLH
water	Not Available	Not Available
Glycerine	Not Available	Not Available
sodium carboxymethylcellulose	Not Available	Not Available

8.2. Exposure controls

8.2.1 Appropriate engineering controls	<p>Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.</p> <p>The basic types of engineering controls are:</p> <p>Process controls which involve changing the way a job activity or process is done to reduce the risk.</p> <p>Enclosure and/or isolation of emission source which keeps a selected hazard 'physically' away from the worker and ventilation that strategically 'adds' and 'removes' air in the work environment.</p>
8.2.2. Personal protection	<div>    </div> <p>PPE Gloves PPE Goggles PPE Coat</p>
Eye and face protection	<ul style="list-style-type: none"> Safety glasses with side shields Chemical goggles Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and absorption for the class chemicals in use and an account of injury experience.
Skin protection	See Hand protection below
Hands/feet protection	<p>Wear general protective gloves, eg. light weight rubber gloves.</p> <p>The selection of suitable gloves does not only depend on the material, but also on further marks of quality which vary from manufacturer to manufacturer. Where the chemical is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. The exact break through time for substances has to be obtained from the manufacturer of the protective gloves and has to be observed when making a final choice.</p>
Body protection	See Other protection below
Other protection	<p>No special equipment needed when handling small quantities</p> <p>OTHERWISE</p> <ul style="list-style-type: none"> Overalls Barrier cream Eyewash unit
Thermal hazards	Not Available

Issue Date: 27/01/2021
Last Revision Date: 25/10/2023
Superseded Date: 27/01/2011
Version Number: 02

SAFETY DATA SHEET

Product Code: HCPACKK

PAGE 6 OF 13

Recommended material(s)

GLOVES SELECTION INDEX

Glove selection is based on a modified presentation of the:

'Forsberg Clothing Performance Index'.

The effect(s) of the following substance(s) are taken into account in the **computer-generated** selection:

Hot and Cold Pack

Respiratory protection

Not applicable

Material	CPI
BUTYL	A
NEOPRENE	A
VITON	A

*CPI - Chemwatch Performance Index

A. Best Selection

B. Satisfactory; may degrade after 4 hours continuous immersion

C. Poor to Dangerous Choice for other than short term immersion

NOTE: As a series of factors will influence the actual performance of the glove, a final selection must be based on detail observation.

*Where the glove is to be used on a short term, casual or infrequent basis, factors such as 'feel' or convenience (e.g. disposability), may dictate a choice of gloves which might otherwise be unsuitable following long-term or frequent use. A qualified practitioner should be consulted.

8.2.3 Environmental exposure controls

See Section 12

SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	white/light yellow liquid		
Physical state	Liquid	Relative density (Water = 1)	Not Available
Odour	Not Available	Partition coefficient n-octanol/water	Not Available
Odour threshold	Not Available	Auto-ignition temperature (C°)	Not Available
pH (as supplied)	Not Available	Decomposition temperature	Not Available
Melting point/freezing point (C°)	Not Available	Viscosity (cSt)	Not Available
Initial boiling point and boiling range (C°)	Not Available	Molecular weight (g/mol)	Not Available
Flash point (C°)	Not Available	Taste	Not Available
Evaporation rate	Not Available	Explosive properties	Not Available
Flammability	Non flammable	Oxidising properties	Not Available
Upper Explosive Limit (%)	Not Available	Surface Tension (dym/cm or mN/M)	Not Available
Lower Explosive Limit (%)	Not Available	Volatile Component (%vol)	Not Available
Vapour pressure (kPa)	Not Available	Gas group	Not Available
Solubility in water (g/L)	Not Available	pH as a solution (1%)	Not Available
Vapour density (Air =1)	Not Available	VOC g/L	Not Available

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Issue Date: 27/01/2021
Last Revision Date: 25/10/2023
Superseded Date: 27/01/2011
Version Number: 02

SAFETY DATA SHEET

Product Code: HCPACKK

PAGE 7 OF 13

9.2 Other information

Not Available

SECTION 10 STABILITY AND REACTIVITY

- 10.1. Reactivity** See Section 7.2
10.2. Chemical stability Product is considered stable and hazardous polymerisation will not occur.
10.3. Possibility of hazardous reactions See Section 7.2
10.4. Conditions to avoid See Section 7.2
10.5. Incompatible materials See Section 7.2
10.6. Hazardous decomposition products See Section 5.3

SECTION 11 TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

- Inhaled** The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting. Not normally a hazard due to non-volatile nature of product
- Ingestion** The material has **NOT** been classified by EC Directives or other classification systems as "harmful by ingestion". This is because of the lack of corroborating animal or human evidence. The material may still be damaging to the health of the individual, following ingestion, especially where pre-existing organ (e.g liver, kidney) damage is evident. Present definitions of harmful or toxic substances are generally based on doses producing mortality rather than those producing morbidity (disease, ill-health).
- Skin Contact** The material is not thought to produce adverse health effects or skin irritation following contact (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting.
- Eye** Although the liquid is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn).
- Chronic** Long-term exposure to the product is not thought to produce chronic effects adverse to health (as classified by EC Directives using animal models); nevertheless exposure by all routes should be minimised as a matter of course.

Gel pack	TOXICITY	IRRITATION
	Not Available	Not Available
Water	TOXICITY	IRRITATION
	Not Available	Not Available
Glycerol	TOXICITY	IRRITATION
	Not Available	Not Available
Sodium carboxymethylcellulose	TOXICITY	IRRITATION
	Oral (rat) LD50: 27000 mg/kg	Nil reported
	Not Available	Not Available

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Issue Date: 27/01/2021
 Last Revision Date: 25/10/2023
 Superseded Date: 27/01/2011
 Version Number: 02

SAFETY DATA SHEET

Product Code: HCPACKK

PAGE 8 OF 13

**SODIUM
 CARBOXYMETHYLCELLULOSE**
 Gel pack, WATER

Neoplastic by RTECS criteria

No significant acute toxicological data identified in literature search

Acute Toxicity	⊘	Carcinogenicity	⊘
Skin Irritation/Corrosion	⊘	Reproductivity	⊘
Serious Eye Damage/Irritation	⊘	STOT - Single Exposure	⊘
Respiratory or Skin sensitisation	⊘	STOT - Repeated Exposure	⊘
Mutagenicity	⊘	Aspiration Hazard	⊘

Legend: ✓ - Data required to make classification available
 ✗ - Data available but does not fill the criteria for classification
 ⊘ - Data Not Available to make classification

CMR STATUS
 Not Applicable

SECTION 12 ECOLOGICAL INFORMATION

12.1. Toxicity

12.2. Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
Not Available	Not Available	Not Available

12.3. Bioaccumulative potential

Ingredient	Bioaccumulation
Not Available	Not Available

12.4. Mobility in soil

Ingredient	Mobility
Not Available	Not Available

12.5. Results of PBT and vPvB assessment

	P	B	T
Relevant available data	Not Available	Not Available	Not Available
PBT and vPvB Criteria fulfilled	Not Available	Not Available	Not Available

12.6. Other adverse effects

No data available

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Issue Date: 27/01/2021
Last Revision Date: 25/10/2023
Superseded Date: 27/01/2011
Version Number: 02

SAFETY DATA SHEET

Product Code: HCPACKK

PAGE 9 OF 13

SECTION 13 DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Legislation addressing waste disposal requirements may differ by country, state and/ or territory. Each user must refer to laws operating in their area. In some areas, certain wastes must be tracked. A Hierarchy of Controls seems to be common - the user should investigate

Product / Packaging disposal

- Reduction
- Reuse
- Recycling
- Disposal (if all else fails)

This material may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use

Waste treatment options

Not Available

Sewage disposal options

Not Available

SECTION 14 TRANSPORT INFORMATION

Labels Required

Marine Pollutant

NO

HAZCHEM

Not Applicable

Land transport (ADR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

14.1. UN number

Not Applicable

14.2 Packing group

Not Applicable

14.3. UN proper shipping name

Not Applicable

14.4 Environmental hazard

No relevant data

14.5. Transport hazard class(es)

Class	Not Applicable
Subrisk	Not Applicable

14.6 Special precautions for user

Hazard identification (Kemler)	Not Applicable
Classification code	Not Applicable
Hazard Label	Not Applicable
Special provisions	Not Applicable
Limited quantity	Not Applicable

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

14.1. UN number

Not Applicable

14.2 Packing group

Not Applicable

14.3. UN proper shipping name

Not Applicable

14.4 Environmental hazard

No relevant data

14.5. Transport hazard class(es)

ICAO/IATA Class	Not Applicable
ICAO / IATA Subrisk	Not Applicable
ERG Code	Not Applicable

Issue Date: 27/01/2021
 Last Revision Date: 25/10/2023
 Superseded Date: 27/01/2011
 Version Number: 02

SAFETY DATA SHEET

Product Code: HCPACKK

PAGE 10 OF 13

14.6 Special precautions for user

Special provisions	Not Applicable
Cargo Only Packing Instructions	Not Applicable
Cargo Only Maximum Qty / Pack	Not Applicable
Passenger and Cargo Packing Instructions	Not Applicable
Passenger and Cargo Maximum Qty / Pack	Not Applicable
Passenger and Cargo Limited Quantity Packing Instructions	Not Applicable
Passenger and Cargo Limited Maximum Qty / Pack	Not Applicable

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

14.1. UN number Not Applicable
 14.2 Packing group Not Applicable
 14.3. UN proper shipping name Not Applicable
 14.4 Environmental hazard Not Applicable

14.5. Transport hazard class(es)

IMDG Class	Not Applicable
IMDG Subrisk	Not Applicable

14.6. Special precautions for user

EMS Number	Not Applicable
Special provisions	Not Applicable
Limited Quantities	Not Applicable

Inland waterways transport (AN): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

14.1. UN number Not Applicable
 14.2 Packing group Not Applicable
 14.3. UN proper shipping name Not Applicable
 14.4 Environmental hazard No relevant data

14.5. Transport hazard class(es)

Not Applicable	Not Applicable
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14.6. Special precautions for user

Classification code	Not Applicable
Limited quantity	Not Applicable
Equipment required	Not Applicable
Fire cones number	Not Applicable

Transport in bulk according to Annex II of MARPOL 73 / 78 and the IBC code

Not Applicable

SECTION 15 REGULATORY INFORMATION

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

water (7732-18-5) is found on the following regulatory lists

'Europe European Customs Inventory of Chemical Substances ECICS (Danish)', 'European Customs Inventory of Chemical Substances - ECICS (German)', 'European Union (EU) Inventory of Ingredients used in Cosmetic Products', 'European Customs Inventory of Chemical Substances ECICS (English)', 'Europe European Customs Inventory of Chemical Substances - ECICS (Italian)', 'Europe European Customs Inventory of Chemical Substances - ECICS (French)', 'Europe Substances Listed in EU Directives on Plastics in Contact with Food', 'Europe European Customs Inventory of Chemical Substances - ECICS (Swedish)', 'European Union - European Inventory of Existing Commercial Chemical Substances (EINECS) (German)', 'Europe European Customs Inventory of Chemical Substances - ECICS (Greek)', 'European Chemical Agency (ECHA) Classification & Labelling Inventory - Chemwatch Harmonised classification', 'OSPAR National List of Candidates for Substitution - Norway', 'OECD List of High Production Volume (HPV) Chemicals', 'WHO Model List of Essential Medicines - Adults', 'European Union - European Inventory of Existing Commercial Chemical Substances (EINECS) (French)', 'Europe European Customs Inventory of Chemical Substances ECICS (Dutch)', 'Europe European Customs Inventory of Chemical Substances - ECICS (Finnish)', 'European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)

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Issue Date: 27/01/2021
 Last Revision Date: 25/10/2023
 Superseded Date: 27/01/2011
 Version Number: 02

SAFETY DATA SHEET

Product Code: HCPACKK

PAGE 11 OF 13

Glycerine(56-81-5) is found on the following regulatory lists

(English)', 'EU REACH Regulation (EC) No 1907/2006 - Annex IV - Exemptions from the Obligation to Register in Accordance with Article 2(7)(a) (English)', 'IMO IBC Code Chapter 18: List of products to which the Code does not apply' 'Sigma Aldrich Transport Information', 'European Customs Inventory of Chemical Substances - ECICS (Spanish)' 'Europe European Customs Inventory of Chemical Substances - ECICS (Portuguese)' 'Europe Commission Regulation (EU) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food - Annex I: Substances' "European Union - European Inventory of Existing Commercial Chemical Substances (EINECS) (Spanish)" 'International Fragrance Association (IFRA) Survey: Transparency List'

'IOFI Global Reference List of Chemically Defined Substances', 'EU Evaluation and Control of the Risks of Existing Substances - Annex I' 'International Council of Chemical Associations (ICCA) - High Production Volume List', 'Europe European Chemicals Agency (ECHA) List of substances identified for registration in 2010* Europe European Customs Inventory of Chemical Substances ECICS (Danish)', 'European Customs Inventory of Chemical Substances - ECICS (German)', 'Europe SCCNFP First Update of the Inventory of Ingredients Employed in Cosmetic Products - Section II: Perfume and Aromatic Raw Materials', 'European Union (EU) Inventory of Ingredients used in Cosmetic Products', 'Europe European Chemicals Agency (ECHA) List of Registered Substances', 'European Customs Inventory of Chemical Substances ECICS (English)', 'Europe European Customs Inventory of Chemical Substances - ECICS (Italian)', 'Europe European Customs Inventory of Chemical Substances - ECICS (French)', 'IMO MARPOL 73/78 (Annex I) - List of Other Liquid Substances', 'Europe Substances Listed in EU Directives on Plastics in Contact with Food, FisherTransport Information', 'Europe European Customs Inventory of Chemical Substances - ECICS (Swedish)', 'European Union - European Inventory of Existing Commercial Chemical Substances (EINECS) (German)', 'Europe European Customs Inventory of Chemical Substances - ECICS (Greek)', 'European Chemical Agency (ECHA) Classification & Labelling Inventory - Notified classification and labelling according to CLP criteria', 'European Chemical Agency (ECHA) Classification & Labelling Inventory - Chemwatch Harmonised classification', 'OECD List of High Production Volume (HPV) Chemicals', 'European Union - European Inventory of Existing Commercial Chemical Substances (EINECS) (French)', 'Europe European Customs Inventory of Chemical Substances ECICS (Dutch)', 'Europe European Customs Inventory of Chemical Substances - ECICS (Finnish)', 'Europe CHA Registered Substances - Classification and Labelling - GHS', 'Europe European Chemicals Agency (ECHA) List of Registered Phase-in Substances', 'European Union - European Inventory of Existing Commercial Chemical Substances (EINECS) (English)', 'International Numbering System for Food Additives', 'UK Workplace Exposure Limits (WELs)', 'OECD Existing Chemicals Database', 'IMO IBC Code Chapter 18: List of products to which the Code does not apply', 'Sigma-Aldrich Transport Information', 'Europe European Chemicals Agency (ECHA) REACH Registration Numbers', 'European Customs Inventory of Chemical Substances ECICS (Spanish)', 'Europe European Customs Inventory of Chemical Substances - ECICS (Portuguese)', 'Europe ECHA Registered Substances - Classification and Labelling - DSD-DPD', 'GESAMP/EHS Composite List - GESAMP Hazard Profiles', 'Europe Commission Regulation (EU) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food - Annex I: Substances', 'CODEX General Standard for Food Additives (GSFA) - Additives Permitted for Use in Food in General, Unless Otherwise Specified, in Accordance with GMP*', 'European Union - European Inventory of Existing Commercial Chemical Substances (EINECS) (Spanish)', 'International Fragrance Association (IFRA) Survey: Transparency List', 'European Union (EU) Inventory of Fragrance Ingredients (Perfume and Aromatic Raw Materials)'

sodium carboxymethylcellulose (9004- 32-4) is found on the following regulatory lists

'European Union Register of Feed Additives pursuant to Regulation (EC) No 1831/2003 - Annex I: List of Additives' 'Europe European Customs Inventory of Chemical Substances ECICS (Danish)', 'Europe European Customs Inventory of Chemical Substances - ECICS (German)', 'European Union (EU) Directive 2008/1/EC concerning integrated pollution prevention and control, Annex III', 'European Union (EU) Inventory of Ingredients used in Cosmetic Products', 'Europe European Customs Inventory of Chemical Substances ECICS (English)', 'Europe European Customs Inventory of Chemical Substances - ECICS (Italian)', 'Europe European Customs Inventory of Chemical Substances - ECICS (French)', 'Europe European Customs Inventory of Chemical Substances - ECICS (Swedish)', 'Europe European Customs Inventory of Chemical Substances - ECICS (Greek)', 'European Chemical Agency (ECHA) Classification & Labelling Inventory - Notified classification and labelling according to CLP criteria', 'European Chemical Agency (ECHA) Classification & Labelling Inventory - Chemwatch Harmonised classification' 'OSPAR National List of Candidates for Substitution - Norway' 'Europe European Customs Inventory of Chemical Substances ECICS (Dutch)', 'Europe European Customs Inventory of Chemical Substances - ECICS (Finnish)', 'International Numbering System for Food Additives', 'Sigma-AldrichTransport Information', 'Europe European Customs Inventory of Chemical Substances - ECICS (Spanish)', 'Europe European Customs Inventory of Chemical Substances - ECICS (Portuguese)', 'CODEX General Standard for Food Additives (GSFA) - Additives Permitted for Use in Food in General, Unless Otherwise Specified, in Accordance with GMP*', 'Acros Transport Information'

This safety data sheet is in compliance with the following EU legislation and its adaptations - as far as applicable - : 67/548/EEC, 1999/45/EC, 98/24/EC, 92/85/EC, 94/33/EC, 91/689/EEC 1999/13/EC, Regulation (EU) No 453/2010, Regulation (EC) No 1907/2006, Regulation (EC) No 1272/2008 and their amendments as well as the following British legislation: - The Control of Substances Hazardous to Health Regulations (COSHH) 2002- COSHH Essentials- The Management of Health and Safety at Work Regulations 1999

15.2. Chemical safety assessment

For further information please look at the Chemical Safety Assessment and Exposure Scenarios prepared by your Supply Chain if available

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Issue Date: 27/01/2021
 Last Revision Date: 25/10/2023
 Superseded Date: 27/01/2011
 Version Number: 02

SAFETY DATA SHEET

Product Code: HCPACKK

PAGE 12 OF 13

ECHA SUMMARY

Ingredient	CAS number	Index No	ECHA Dossier
water	7732-18-5	Not Available	Not Available

Harmonisation(C&L Inventory)	Hazard Class and Category Code(s)	Pictograms Signal Word Code(s)	Hazard Statement Code(s)
1	Not Classified	GHS05, Dgr, GHS06	H314, H301
2	Not Classified, Acute Tox. 3, Skin Corr. 1A, Acute Tox. 2	GHS05, Dgr, GHS06	H314, H301
Harmonisation Code 1 = The most severe classification. Harmonisation Code = 2 The most prevalent classification			

Ingredient	CAS number	Index No	ECHA Dossier
Glycerine	56-81-5	Not Available	01-2119471987-18-XXXX

Harmonisation(C&L Inventory)	Hazard Class and Category Code(s)	Pictograms Signal Word Code(s)	Hazard Statement Code(s)
1	Not Classified	Wng, GHS08, Dgr	H319, H315, H372
2	Not Classified, Eye Irrit. 2, Skin Irrit. 2, STOT RE 2, STOT RE 1	Wng, GHS08, Dgr	H319, H315, H372
Harmonisation Code 1 = The most severe classification. Harmonisation Code = 2 The most prevalent classification			

Ingredient	CAS number	Index No	ECHA Dossier
sodium carboxymethylcellulose	9004-32-4	Not Available	Not Available

Harmonisation(C&L Inventory)	Hazard Class and Category Code(s)	Pictograms Signal Word Code(s)	Hazard Statement Code(s)
1	Not Classified	GHS07, Wng	H315, H317, H319, H335, H332, H412
2	Not Classified, Skin Irrit. 2, Skin Sens. 1, Eye Irrit. 2, STOT SE 3, Acute Tox. 4, Aquatic Chronic 3	GHS07, Wng	H315, H317, H319, H335, H332, H412
Harmonisation Code 1 = The most severe classification. Harmonisation Code = 2 The most prevalent classification			

SECTION 16 OTHER INFORMATION

Full text Risk and Hazard codes

- H301** Toxic if swallowed
- H314** Causes severe skin burns and eye damage
- H315** Causes skin irritation
- H317** May cause an allergic skin reaction
- H319** Causes serious eye irritation
- H332** Harmful if inhaled
- H335** May cause respiratory irritation
- H372** Causes damage to organs through prolonged or repeated exposure
- H412** Harmful to aquatic life with long lasting effects

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SAFETY DATA SHEET

Product Code: HCPACKK**PAGE 13 OF 13**

Other information

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered

Reason for Revision: To bring to date.

For detailed advice on Personal Protective Equipment, refer to the following EU CEN Standards: EN 166 Personal eye-protection
EN 340 Protective clothing
EN 374 Protective gloves against chemicals and micro-organisms EN 13832
Footwear protecting against chemicals
EN 133 Respiratory protective devices

END OF SDS