



ALLERGEN DECLARATION

Product: Polysorbate 20

Naturally Balmy Limited certifies that the products Polysorbate 20 does not contain any allergens including but not limited to: peanuts, milk, tree nuts, eggs, soy, fish, mustard, celery, soybeans, wheat, seafood, seeds, cereals, lupine or molluscs.

July 2021.



MANUFACTURING FLOW CHART

1.1 PRODUCT NAME:

Polysorbate 20

Synonyms:

-

INCI name:

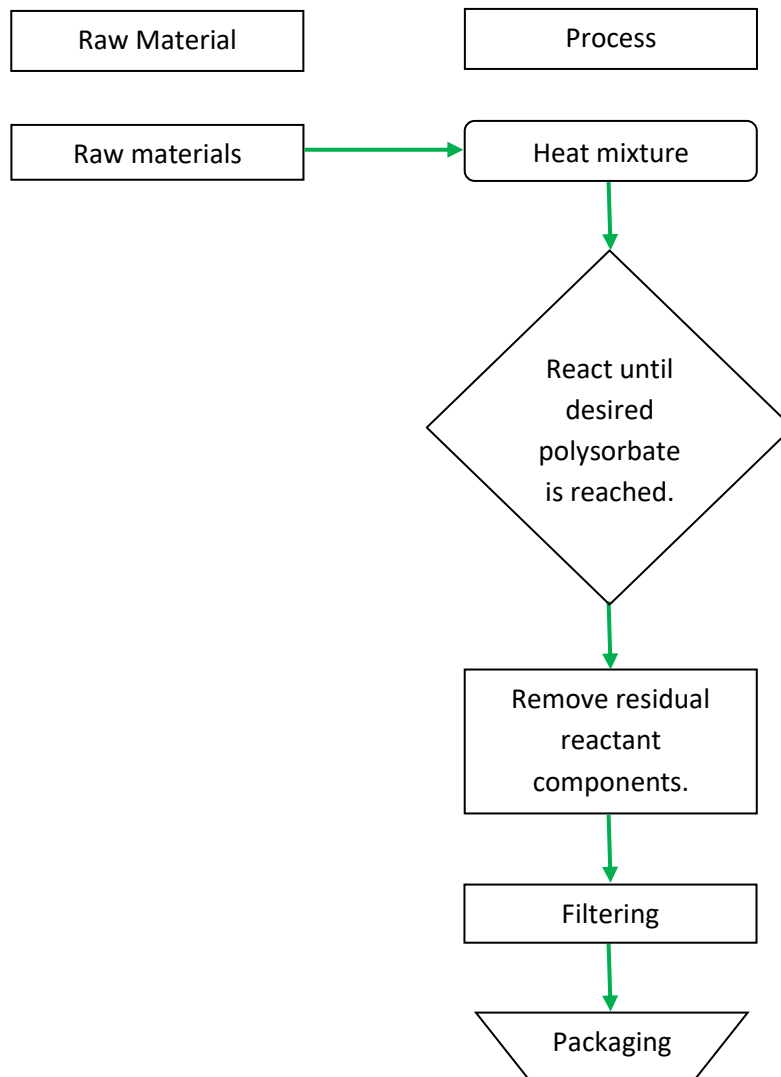
Polyoxyethylene Sorbitan Mono Laurate

REACH Registered No.

Exemption under Annex V.

CAS No. 9005-64-5

EC No. -





GMO STATEMENT

Product: Polysorbate 20

Polysorbate 20 which is supplied by Naturally Balmy Limited is produced from raw materials, using no materials of animal or vegetable origin. No genetically modified materials are used during the manufacturing process, therefore we would not expect them to be present in the final product.

Issue 19.08.21



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Polysorbate 20

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY NAME

1.1 PRODUCT NAME:

Polysorbate 20

Synonyms:

Polyoxyethylene Sorbitan Mono Laurate

REACH Registered No.

EXEMPT. Polymer

CAS No. -

EC No. -

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST:

Use of the substance/mixture: Surfactant

1.3 DETAILS OF THE SUPPLIER:

Naturally Balmy Ltd

8 Benson Road, Nuffield Industrial Estate

Poole

BH17 0GB

Tel. +44 (0) 1202567046

e-mail: sales@naturallybalmy.co.uk

2. HAZARDS IDENTIFICATION

2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:

CLP:

- Not Classified as hazardous substance

2.2 LABEL ELEMENTS

- Not applicable as a none hazardous substance

HAZARD STATEMENTS

Not applicable as a none hazardous substance

PRECAUTIONARY STATEMENTS

Not applicable as a none hazardous substance

2.3 OTHER HAZARDS

- 2.3.1: Endocrine Disrupting Properties:

No further information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. SUBSTANCES:

Polyoxyethylene Sorbitan Monolaurate

CAS Number: 9005-64-5

EC Number:

Content: 100 %

Specific concentration limit: not applicable



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4. FIRST AID MEASURES

4.1. DESCRIPTION OF FIRST AID MEASURES:

Inhalation:

Remove person to fresh air and keep at rest.

Skin contact:

Wash skin with plenty of water.

Eye contact:

Rinse eyes with water as a precaution.

If swallowed:

If feeling unwell, immediately seek medical attention.

4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

No further relevant information available.

4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Treat symptomatically.

5. FIRE FIGHTING MEASURES

5.1. EXTINGUISHING MEDIA:

Suitable extinguishing media:

Water (Fog or Spray) Foam, Carbon dioxide, Dry chemicals.

5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

Specific hazards:

Toxic fumes may be released

5.3. ADVICE FOR FIREFIGHTERS:

Do not attempt to take action without suitable protective equipment. Wear self-contained breathing apparatus. Wear suitable protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Personal precautions:

Ventilate affected area. Do not attempt to take action without suitable protective equipment.

6.2. ENVIRONMENTAL PRECAUTIONS:

Environmental precautions:

P273 - Avoid release to the environment.

6.3. METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

Methods for cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders). Disposal should be in accordance with local, state or national legislation.

6.4. REFERENCE TO OTHER SECTIONS:

Wear protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see section 13.

7. HANDLING AND STORAGE

7.1. PRECAUTIONS FOR SAFE HANDLING:

Usage precautions:

Ensure adequate ventilation. Wear personal protective equipment. Do not eat, drink or smoke when using the product. Wash hands after handling.

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Store in a cool well-ventilated place.



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7.3. SPECIFIC END USES:

The identified uses for this product are detailed in Section 1.2.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. CONTROL PARAMETERS

No exposure limit value known.

Occupational exposure limits:

No information available.

Ingredient comments:

No information available.

Biological limit values:

No information available.

DNEL:

No information available.

DMEL:

No information available.

PNEC:

No information available.

8.2. EXPOSURE CONTROLS:

Appropriate engineering controls:

Engineering controls should be provided which maintain airborne concentrations below the relevant guidelines.

Personal protective equipment:

The following recommendations are made based on information available for the major chemical component.

Eye/face protection:

Wear tightly fitting safety goggles/ faceshield.

Hand protection:

Wear chemical resistant gloves.

Other skin and body protection:

Wear protective clothing to minimize skin contact.

Hygiene measures:

Good personal hygiene procedures should be implemented. Wash hands thoroughly after handling. Wash promptly if skin becomes contaminated. Remove contaminated clothing and protective equipment before entering eating areas. Remove contaminated clothing and wash the skin thoroughly with soap and water after work. Wash at the end of each work shift and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product. Eye wash facilities and emergency shower must be available when handling this product.

Respiratory protection:

If ventilation is insufficient wear dust mask or chemical respirator whichever is appropriate. Wear a respirator if there is inadequate ventilation.

Thermal hazards:

No specific requirements are anticipated under normal conditions of use.

Environmental exposure controls:

Avoid release to the environment.



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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

Physical state:	Liquid
Colour:	Yellow.
Odour:	Characteristic odour.
pH:	7
Melting point range °C:	< 0.
Boiling point range °C:	> 200.
Flash point °C:	> 150.
Vapour pressure:	No information available.
Vapour density:	No information available.
Density:	1.1
Particle characteristics:	No information available.
Auto-ignition temperature:	No information available.
Decomposition temperature:	No information available.
Kinematic Viscosity:	No information available.
Dynamic Viscosity cP:	984
Explosive properties:	No information available.

10. STABILITY AND REACTIVITY

10.1. REACTIVITY:

The product is non-reactive under normal conditions of use.

10.2. CHEMICAL STABILITY:

Stable at normal ambient temperatures and when used as recommended. Refer to the "storage and shelf life information" in the product specification for storage advice.

10.3. POSSIBILITY OF HAZARDOUS REACTIONS:

No potentially hazardous reactions known.

10.4. CONDITIONS TO AVOID:

None known.

10.5. INCOMPATIBLE MATERIALS:

No further relevant information available.

10.6. HAZARDOUS DECOMPOSITION PRODUCTS:

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

11. TOXICOLOGICAL INFORMATION

11.1. INFORMATION ON TOXICOLOGICAL EFFECTS:

Acute toxicity:

LD₅₀ (oral, rat): 40554 mg/kg

Skin corrosion/irritation:

Not Classified.

Germ cell mutagenicity:

Not Classified.

Carcinogenicity:

Not Classified.

Reproductive toxicity:

Not Classified.

Specific target organ toxicity - single exposure:

Not Classified.



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Aspiration hazard:

Not Classified.

11.2 INFORMATION ON OTHER HAZARDS:

No further relevant information available.

12. ECOLOGICAL INFORMATION

12.1. TOXICITY

The product is not classified as environmentally hazardous
LC50 fish 1: 383mg/l

12.2. PERSISTENCE AND DEGRADABILITY:

Readily biodegradable.

12.3. BIOACCUMULATIVE POTENTIAL:

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

12.5. RESULTS OF PBT/vPvB ASSESSMENT:

Not Classified

12.6. OTHER ADVERSE EFFECTS:

No further relevant information available.

12.7 OTHER ADVERSE EFFECTS

No further relevant information available.

13. DISPOSAL CONSIDERATIONS

13.1. WASTE TREATMENT METHODS:

Dispose of the product, packaging and any residuals in compliance with local and national Regulations.

14. TRANSPORT INFORMATION

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.



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15. REGULATORY INFORMATION

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE:

National regulations:

Control of Substances Hazardous to Health Regulations 2002 (as amended).

EH40/2005 Workplace exposure limits.

Health and Safety at Work etc. Act 1974 (as amended).

EU legislation:

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Commission Regulation (EU) No 2015/830 of 28 May 2015.

Directive 2012/18/EU of the European Parliament and of the Council of 4 July 2012 on the control of major-accident hazards involving dangerous substances.

Guidance:

Workplace Exposure Limits EH40.

Health and environmental listings:

No information available.

Authorisations (Annex XIV Regulation 1907/2006):

No information available.

Restrictions (Annex XVII Regulation 1907/2006):

This product contains no substances ($\geq 0.1\%$ w/w) of very high concern (SVHC)



POLYSORBATE 20

Technical Data

Appearance at 25°C	Clear amber liquid free from foreign matter
Saponification Value	99.8% min.
Acid Value	2.0 mg. KOH/g max.
Water Content	3.0% max.
Hydroxyl Value	96.0 – 108.0 mg.KOH/g
Moles of EO	20
Solids Content	100%
Odour	Characteristic
HLB Value	16.5
Viscosity at 25°C (cP)	984
Specific Gravity at 20°C	1.10
Solubility in Water	Soluble
Pour Point	< 0°C
Flash Point Closed Cup	> 150°C
CAS No.	9005-64-5
EINECS No.	-
INCI Name	Sorbitan Mono Laurate Ethoxylate

The content of this data sheet is given in good faith and without warranty.

Naturally Balmy Limited makes the limited warranty that at the date of delivery this product will be free from defects in materials and workmanship.

No warranty of merchantability, fitness for any use, or any other warranty is expressed or to be implied, regarding the accuracy of this data. The results to be obtained from the use thereof, or the hazards connected with the use of this product.

Naturally Balmy Limited assumes no liability for any alleged ineffectiveness of the product or any injury or damage, direct or consequential, resulting from the use of this product unless such injury or damage is solely attributable to negligence on the part of Naturally Balmy Limited

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DECLARATION AND CONFORMITY VEGAN INGREDIENT STATEMENT

Product: Polysorbate 20

Naturally Balmy Limited declare that our product does not contain any animal product and is suitable for Vegans.

July 2021.