SAFETY DATA SHEET
HYCOLIN MOISTURISING ANTIVIRAL HAND SOAP

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

1.1. Product identifier
Product name
HYCOLIN MOISTURISING ANTIVIRAL HAND SOAP
Product number
800-288-1010
Container size
500mL

1.2. Relevant identified uses of the substance or mixture and uses advised against
Identified uses
Cleaning agent. Hand cleaner.

1.3. Details of the supplier of the safety data sheet
Supplier
MIRIUS ™
A Coventry Group Company
Woodhams Road, Siskin Drive,
Coventry, England, CV3 4FX
www.mirius.com
info@mirius.com
+442476639739

Contact person
For content of safety data sheet; sds@mirius.com

1.4. Emergency telephone number
Emergency telephone
+44 (0) 1865407333 (Strictly for emergencies only: incidents involving damage to human health and/or the environment)

National emergency telephone number
In case of a medical emergency following exposure to a chemical call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification (EC 1272/2008)
Physical hazards
Not Classified
Health hazards
Not Classified
Environmental hazards
Not Classified

2.2. Label elements
Hazard statements
NC Not Classified
Precautionary statements
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Biocide Labelling
Contains active substance: L-(+)-lactic acid, Phenoxyethanol

2.3. Other hazards
This product does not contain any substances classified as PBT or vPvB.
HYCOLIN MOISTURISING ANTIVIRAL HAND SOAP

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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<tr>
<th>Ingredient</th>
<th>Percentage</th>
<th>CAS number:</th>
<th>EC number:</th>
<th>REACH registration number:</th>
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<td>1-5%</td>
<td>77-92-9</td>
<td>201-069-1</td>
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<td>C12-14-ALKYL ETHER SULFATES</td>
<td>1-5%</td>
<td>68891-38-3</td>
<td>500-234-8</td>
<td>01-2119488639-16-XXXX</td>
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<tr>
<td>Classification</td>
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<tr>
<td>MONOPROPYLENE GLYCOL</td>
<td>1-5%</td>
<td>57-55-6</td>
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<tr>
<td>Classification</td>
<td>Not Classified</td>
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<td></td>
</tr>
</tbody>
</table>

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

**Ingestion**
Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.

**Eye contact**
Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

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

**Skin contact**
Prolonged contact may cause redness, irritation and dry skin.

**Eye contact**
May cause temporary eye irritation.

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

**Notes for the doctor**
No specific recommendations.

SECTION 5: Firefighting measures

5.1. Extinguishing media

**Suitable extinguishing media**
The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Foam, carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture

**Hazardous combustion products**
Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Toxic gases or vapours.
HYCOLIN MOISTURISING ANTIVIRAL HAND SOAP

5.3. Advice for firefighters
Protective actions during firefighting
Control run-off water by containing and keeping it out of sewers and watercourses.

Special protective equipment for firefighters
Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Personal precautions
For personal protection, see Section 8. In case of spills, beware of slippery floors and surfaces.

6.2. Environmental precautions
Environmental precautions
Collect and dispose of spillage as indicated in Section 13. Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up
Methods for cleaning up
Stop leak if safe to do so. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.4. Reference to other sections
Reference to other sections
For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Usage precautions
Avoid contact with skin and eyes. Avoid spilling.

Advice on general occupational hygiene
No specific requirements are anticipated under normal conditions of use.

7.2. Conditions for safe storage, including any incompatibilities
Storage precautions
Store in tightly-closed, original container in a dry, cool and well-ventilated place.

7.3. Specific end use(s)
Specific end use(s)
The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters
Occupational exposure limits
MONOPROPYLENE GLYCOL
Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ particulate
Long-term exposure limit (8-hour TWA): WEL 150 ppm 474 mg/m³ total vapour and particulates
WEL = Workplace Exposure Limit.

CITRIC ACID ANHYDROUS (CAS: 77-92-9)

DNEL
Available hazard data do not support the need for a DNEL to be established for other health effects.
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C12-14-ALKYL ETHER SULFATES (CAS: 68891-38-3)

- **PNEC**
  - Fresh water; 0.44 mg/l
  - marine water; 0.044 mg/l
  - STP; >1000 mg/l
  - Sediment (Freshwater); 34.6 mg/kg
  - Sediment (Marinewater); 3.46 mg/kg
  - Soil; 33.1 mg/kg

- **DNEL**
  - Workers - Inhalation; Long term systemic effects: 175 mg/m³
  - Workers - Dermal; Long term systemic effects: 2750 mg/kg/day
  - Consumer - Inhalation; Long term systemic effects: 52 mg/m³
  - Consumer - Dermal; Long term systemic effects: 1650 mg/kg/day
  - Consumer - Oral; Long term systemic effects: 15 mg/kg/day

MONOPROPYLENE GLYCOL (CAS: 57-55-6)

- **PNEC**
  - Fresh water; 0.24 mg/l
  - marine water; 0.024 mg/l
  - Intermittent release; 0.071 mg/l
  - Sediment, Fresh water; 0.917 mg/kg
  - Sediment, marine water; 0.092 mg/kg
  - Soil; 7.5 mg/kg
  - STP; 10,000 mg/l

- **DNEL**
  - Workers - Inhalation; Long term systemic effects: 168 mg/m³
  - Workers - Inhalation; Long term local effects: 10 mg/m³
  - General population - Inhalation; Long term systemic effects: 50 mg/m³
  - General population - Inhalation; Long term local effects: 10 mg/m³

8.2. Exposure controls

| Appropriate engineering controls | No specific ventilation requirements. |
| Eye/face protection               | No specific eye protection required during normal use. |
| Hand protection                  | Hand protection not required. |
| Other skin and body protection   | No specific requirements are anticipated under normal conditions of use. |
| Hygiene measures                 | No specific measures identified. |
| Respiratory protection           | Respiratory protection not required. |
| Environmental exposure controls  | Avoid releasing into the environment. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties
HYCOLIN MOISTURISING ANTIVIRAL HAND SOAP

**Appearance**
Liquid.

**Colour**
White.

**Odour**
Unperfumed.

**pH**
pH (concentrated solution): 2-3

**Melting point**
Not determined.

**Initial boiling point and range**
No information available.

**Flash point**
This product does not sustain combustion.

**Evaporation rate**
No information available.

**Flammability (solid, gas)**
Not applicable.

**Upper/lower flammability or explosive limits**
No information available.

**Vapour pressure**
No information available.

**Relative density**
1.01-1.03

**Solubility(ies)**
Soluble in water.

**Partition coefficient**
No information available.

**Auto-ignition temperature**
No information available.

**Decomposition Temperature**
Not determined.

**Viscosity**
950-1500 cP @ 20°C

**Explosive properties**
There are no chemical groups present in the product that are associated with explosive properties.

**Explosive under the influence of a flame**
Not considered to be explosive.

**Oxidising properties**
There are no chemical groups present in the product that are associated with oxidising properties.

**Comments**
Information given is applicable to the product as supplied.

9.2. Other information
Not relevant.

**SECTION 10: Stability and reactivity**

10.1. Reactivity
**Reactivity**
There are no known reactivity hazards associated with this product.

10.2. Chemical stability
**Stability**
Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions
**Possibility of hazardous reactions**
Not applicable.

10.4. Conditions to avoid
**Conditions to avoid**
Avoid exposure to high temperatures or direct sunlight.
HYCOLIN MOISTURISING ANTIVIRAL HAND SOAP

10.5. Incompatible materials

Materials to avoid
No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products
Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects
Information given is based on data of the components and of similar products.

Acute toxicity - oral
Notes (oral LD₅₀)
Based on available data the classification criteria are not met.

Acute toxicity - dermal
Notes (dermal LD₅₀)
Based on available data the classification criteria are not met.

Acute toxicity - inhalation
Notes (inhalation LC₅₀)
Based on available data the classification criteria are not met.

Skin corrosion/irritation
Skin corrosion/irritation
Not classified. Based on available data the classification criteria are not met.

Serious eye damage/irritation
Serious eye damage/irritation
Based on available data the classification criteria are not met.

Respiratory sensitisation
Respiratory sensitisation
Not sensitising. Based on available data the classification criteria are not met.

Skin sensitisation
Skin sensitisation
Not classified. Based on available data the classification criteria are not met.

Germ cell mutagenicity
Genotoxicity - in vitro
Does not contain any substances known to be mutagenic.

Carcinogenicity
Carcinogenicity
Does not contain any substances known to be carcinogenic.

Reproductive toxicity
Reproductive toxicity - fertility
Does not contain any substances known to be toxic to reproduction.

Specific target organ toxicity - single exposure
STOT - single exposure
Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure
STOT - repeated exposure
Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard
Aspiration hazard
Based on available data the classification criteria are not met.

General information
This product has low toxicity.

Inhalation
No specific health hazards known.

Ingestion
May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea.
HYCOLIN MOISTURISING ANTIVIRAL HAND SOAP

Skin contact
Skin irritation should not occur when used as recommended. Prolonged contact may cause redness, irritation and dry skin.

Eye contact
May cause temporary eye irritation.

SECTION 12: Ecological information

Ecotoxicity
There are no data on the ecotoxicity of this product. Not regarded as dangerous for the environment.

12.1. Toxicity
Toxicity
Not considered toxic to fish.

12.2. Persistence and degradability
Persistence and degradability
There are no data on the degradability of this product. The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential
Bioaccumulative potential
No data available on bioaccumulation.

Partition coefficient
No information available.

12.4. Mobility in soil
Mobility
The product is water-soluble and may spread in water systems.

12.5. Results of PBT and vPvB assessment
Results of PBT and vPvB assessment
This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects
Other adverse effects
None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
General information
The generation of waste should be minimised or avoided wherever possible.

Disposal methods
The packaging must be empty (drop-free when inverted). Wash with plenty of water. Waste packaging should be collected for reuse or recycling. Refer to manufacturer/supplier for information on recovery/recycling. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 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)
HYCOLIN MOISTURISING ANTIVIRAL HAND SOAP

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.

SECTION 15: Regulatory information

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

National regulations
The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).
EH40/2005 Workplace exposure limits.

EU legislation
Regulation (EC) N° 1223/2009 on cosmetic products

Guidance
Workplace Exposure Limits EH40.
COSHH Essentials.
ECHA Guidance on the Application of the CLP Criteria.
ECHA Guidance on the compilation of safety data sheets.

15.2. Chemical safety assessment

Currently we do not have information from our suppliers about this.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet
PBT: Persistent, Bioaccumulative and Toxic substance.
vPvB: Very Persistent and Very Bioaccumulative.

Revision comments
New revision number applied to comply with Commission Regulation (EU) No 2015/830 Of 28 May 2015' NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision date
30/06/2020

Revision
1

SDS number
22226

Hazard statements in full
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.