

1. Identification of the substance/mixture and of the company/undertaking

- 1.1. Product identifier Sursol™ Hand Sanitiser
- 1.2. Relevant identified uses of the product
Hand Sanitiser
- 1.3. Details of the supplier of the safety data sheet :
McKlords Ltd
Bodelwyddan Business Park
Abergele Road, Bodelwyddan, LL18 5SX
Telephone : 01745 585995
Telefax : 01745 585755
E-mail address : enquiries@mcklords.com
- 1.4. Emergency telephone number Mon-Fri (8:30 – 17:00):01745 585995

2. Hazards identification.

2.1. Classification of the substance or mixture:

The product is not classified as hazardous pursuant to the provisions set forth in Directives 67/548/EEC and 1999/45/EC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

- 2.2. Label elements: This product is not subject to hazard labelling pursuant to Directives 67/548/EEC and 1999/45/EC and subsequent amendments and supplements.

Warning symbols: None.

Hazard sentences (R): None.

Caution recommendations (S): None.

Safety data sheet available for users on request.

3. Composition/information on ingredients.

- 3.1. Substances.: Information not relevant.

3.2. Mixtures. Contains

Chemical Name	CAS#	%
Aqua (Water)	7732-18-5	95.0
Polyhexamethylene Biguanide	33289-58-0	0.1-1.0
Glycerin	56-81-5	1-10
Citric Acid	77-29-9	0.1-1.0
Matricaria (Chamomilla Recutita) Flower Extract	84649-86-5	0.1-1.0
Aloe Barbadensis Leaf Juice	100084-89-7	0.1-1.0
Lavandula Angustifolia (Lavender) Flower Extract	084776-65-8	0.05-0.5
Benzalkonium Chloride	121-54-0	0.05-0.5

Composition Comments

The ingredients are present in non-hazardous concentrations

4. First aid measures

4.1. Description of first aid measures

General information

Remove soiled or soaked clothing immediately. Ensure that the First Aid Personnel are aware of the product involved, and take precautions to protect themselves (e.g. wear personal protection equipment).

After inhalation:

Not relevant. Not expected to be toxic by inhalation. Inhalation unlikely.

After excessive contact with skin

In occupational setting such as warehouse and facilities rinse well with water.

After contact with eyes

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice

After ingestion

Drink several 250ml glasses of water, Do not induce vomiting, See a health care professional immediately.

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

Symptoms:

No symptoms known currently.

Hazards:

No hazards known at this time.

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

Treatment

Treat symptomatically.

5. Firefighting measures.

5.1. Extinguishing media.

SUITABLE EXTINGUISHING MEDIA

The product is non-flammable. Use extinguishing media appropriate for surrounding fire.

EXTINGUISHING MEDIA WHICH SHALL

NOT BE USED FOR SAFETY REASONS:

None in particular.

5.2. Special hazards arising from the substance or mixture.

HAZARDS CAUSED BY EXPOSURE IN

THE EVENT OF FIRE

The product is non-flammable. Hazards caused by exposure would be for the surrounding fire.

5.3. Advice for fire fighters.

GENERAL INFORMATION

The product is non-flammable. Use extinguishing media appropriate for surrounding fire.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Wear full protective clothing and breathing apparatus if there is a risk of exposure to smoke or fumes from other source.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No specific recommendation made. Observe safety measures and requirements as stipulated by warehouse or storage facility.

6.2. Environmental precautions

Contain contaminated water/fire fighting water
Do not allow entry to drains, water courses or soil

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (eg sand, kieselguhr, universal binder)
When picked up, treat material as prescribed under heading "Disposal".

6.4. Reference to other sections

Additional information

Small spills should present no problem Information regarding Safe handling, see chapter 7. Information regarding personal protective measures see, chapter 8. Information regarding Waste Disposal, see chapter 13.

7. Handling and storage.

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| 7.1. Precautions for safe handling: | Store in closed, labelled containers. |
| 7.2. Conditions for safe storage, including any incompatibilities. | Normal storage conditions without particular incompatibilities. |
| 7.3. Specific end use(s): | Information not available. Refer product label |

8. Exposure controls/personal protection

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| 8.1. Information not available | |
| 8.2. Exposure controls. | |
| Observance of safety measures used in handling chemical substances. | |
| Ventilation: | No specific recommendation made as there are no known adverse affects. |
| Respirators: | No specific recommendation made as there are no known adverse affects. |
| Protective Gloves | No specific recommendation made as there are no known adverse affects. |
| Eye protection: | None required. Avoid contact with eyes – flush with water for several minutes. |

9. Physical and chemical properties

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| 9.1. Information on basic physical and chemical properties | |
| Physical state : | Liquid |
| Form : | Liquid |
| Colour : | Clear |
| Odour : | None |
| Miscibility with water : | Miscible |
| Solubility/qualitative : | not tested. |
| Boiling Pt: | >100 degrees C @ 760mm Hg |
| Melting Pt: | -2 degrees C |
| pH : | 7.00 |
| Flash Point (°C)- | Boils without flashing |

10. Stability and reactivity.

10.1. Reactivity:	There are no particular risks of reaction with other substances in normal conditions of use.
10.2. Chemical stability:	The product is stable in normal conditions of use and storage.
10.3. Possibility of hazardous reactions:	No hazardous reactions are foreseeable in normal conditions of use and storage.
10.4. Conditions to avoid:	None in particular, however the usual precautions used for chemical products should be respected.
10.5. Incompatible materials:	Information not available.
10.6. Hazardous decomposition products:	This product is not flammable

11. Toxicological information.

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.

11.1. Information on toxicological effects:	Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.
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12. Ecological information.

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should large quantities of the product reach waterways or sewers or contaminate soil or vegetation.

12.1. Toxicity.:	Information not available.
12.2. Persistence and degradability:	Information not available.
12.3. Bio accumulative potential:	Surfactant is readily broken down by effluent treatment process.
12.4. Mobility:	Miscible in water.
12.5. Results of PBT and vPvB assessment:	Not identified as a PBT and vPvB
12.6. Other adverse effects	Information not available.

13. Disposal considerations

13.1. Waste treatment methods
Product

Discharge used solutions to drain. Small amounts (less than 5 litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal by approved waste contractor. Consign empty container to normal waste. Absorb with saw dust or suitable absorbent. Follow local disposal codes.

14. Transport information

Section 14.1. to 14.5.

General

Not classified for Transport
Not regulated as a MOT hazardous material.

14.6. Special precautions for user

See sections 6 to 8 of this Safety Data Sheet.

15. Regulatory information

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

Other regulations:

Safety Phases

P13

S46 If swallowed, seek medical advice immediately and show this container or label

S2 Keep out of reach of Children
Safety data sheet available for professional user on request

15.2. Chemical safety assessment:

No chemical safety assessment has been processed for the mixture.

Environmental Listing

Cosmetic Product (England and Wales) Regulations

Safety Statement for a Cosmetic Product.

Evaluation has been undertaken by an independent testing laboratory (RSSL) and the report has concluded that the NO-GERMS hand sanitizer product complies with the cosmetic regulations and should not cause damage to health under conditions of normal or foreseeable use.

EU Directives

System of specific information relating to Dangerous Preparations. 2001//58/EC. As amended by Directive 93/112/EC and 2006/8/EC

Statutory Instruments

EU Regulation CLP (Classification Labelling and Packaging) 2015

Approved Code of Practice

The compilation of Safety Data Sheets L130

Guidance Notes

Approved guide to the Classification and Labelling of Substances and Preparations Dangerous for Supply. L100 Workplace exposure limits EH40.

Approved Supply List – HSC (Health and Safety Commission) Material Safety Data Sheet, Misc. Manufacturers

16. Other information

Legend

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS	Chemical Abstracts Service
DMEL	Derived Minimal Effect Level (genotoxic substances)
DNEL	Derived No Effect Level
GHS	Globally Harmonized System
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods

Safety Data Sheet

Sursol™ Hand Sanitiser

SurSol™

MARPOL	International Convention for the Prevention of Pollution From Ships
OEL	Occupational Exposure Limit
PBT	Persistent, Bio accumulative, Toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	International Rule for Transport of Dangerous Substances by Railway
SVHC	Substances of Very High Concern
vPvB	very Persistent and very Bio accumulative

The data are based on the current state of our knowledge, and are intended to describe the product with regard to the requirements of safety. The data should not be taken to imply any guarantee of a particular or general specification. It is the responsibility of the user of the product to ensure to his satisfaction that the product is suitable for the intended purpose and method of use. We do not accept responsibility for any harm caused by the use of this information. In all cases, our general conditions of sale apply.