

**1) Identification of the substance/preparation and of the company/undertaking:**

Product name -  **Handkrenz Hand Cleanser**

Product reference number: 1-63

Identified uses - An effective waxy paste that removes all types of paint, oil and grease from hard working hands.

***Company -** Ciret Limited, Fullflood Road, Havant, PO9 5AX

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Emergency telephone number: As above available only during office hours.

2) Hazards identification:

Classification and Labelling -

EEC Classifications: R52/53

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3) Composition/information on ingredients:

Substances presenting a health or environmental hazard within the meaning of the current EC regulations:

| <u>Name</u> | <u>EC No</u> | <u>CAS No</u> | <u>Content % range</u> | <u>Classification</u> |
|-------------------------------------|--------------|---------------|------------------------|------------------------------------|
| Alcohol Ethoxylate | | 68439-46-3 | 1-5 | Xn:R22 Xi:R41 |
| Sodium C12-C16 Lauryl ethersulphate | | 9004-82-4 | 1-5 | Xi:R36/38 |
| Sodium Dodecylbenzene Sulphonate | 285-600-2 | 85117-50-6 | 1-5 | Xi:R36/38 |
| Solvent AR 310 | 265-199-0 | 64742-95-6 | 10-30 | Xn:R65 Xi:R37 N:R51/53, 10, 66, 67 |

The full text of all R-Phrases is displayed in section 16.

The product is formulated as a heavy-duty industrial hand cleaner and as such should not to be used regularly as a replacement for normal soap. Not recommended for use on the face or sensitive areas.

4) First - aid measures:

Immediate Medical attention: Yes for ingestion.

Assistance from Physician: Yes for ingestion.

Inhalation: Remove to fresh air.

Skin Contact: Wash with water. If irritation or discomfort persists consult a physician.

Eye Contact: Irrigate immediately with water for a minimum of 10 minutes, whilst holding eyelids apart. Seek medical attention (Polyethylene powder may be abrasive to eyes).

Ingestion: Immediately rinse mouth and drink plenty of water and seek medical advice. May cause irritation in mouth, throat and digestive tract, causing vomiting and abdominal pain. Obtain medical advice.

5) Fire - fighting measures:

5.1 Extinguishing media: Use alcohol resistant foam, Carbon dioxide, dry powder or water fog.

5.2 Special hazards arising from the mixture: See section 10

5.3 Advice for fire-fighters: Use protective equipment appropriate for surrounding materials. However if heated, toxic vapours may be formed.

6) Accidental release measures:

6.1 Personal precautions: Wear suitable protective equipment (see section 8).

6.2 Environmental precautions: Small spillages as normal waste. For disposal of large spillages obtain the services of a waste disposal contractor and treat as controlled waste.

6.3 Methods for cleaning: Absorb into sand, earth or absorbent granules.

7) Handling and storage:

7.1 Precautions for safe handling: Keep container lid sealed when not in use, to prevent drying out of the product.

7.2 Conditions for safe storage: Store in tightly closed, labelled containers. Store in a cool place.

8) Exposure controls / personal protection:

Exposure control: Use in well ventilated area. Occupational exposure limit not assigned.

Personal protective equipment: Use appropriate hand lotion to prevent defatting and cracking of the skin.

9) Physical and chemical properties:

| | |
|---|---------------------------------------|
| Appearance | : Waxy solid. |
| Odour | : Characteristic. |
| pH | : Neutral |
| Boiling point | : As water (100 °C). |
| Melting point | : Not applicable. |
| Flashpoint (°C) | : Above 60 °C. |
| Flammability (gas/solid) | : Not applicable. |
| Autoignition temperature | : Not applicable. |
| Explosive properties | : Not applicable. |
| Oxidising properties | : Not applicable. |
| Vapour pressure | : Not determined. |
| Relative Density | : Approximately 0.93g/cm ³ |
| Solubility | : Miscible with water. |
| Partition coefficient (n-octanol/water) | : Not determined. |
| Viscosity | : Not determined |
| Evaporation rate | : Not determined. |
| V.O.C. | : Approximately 350g/Litre. |

10) *Stability & reactivity:

10.1 Reactivity: Stable.

10.2 Chemical Stability: Stable.

10.3 Possibility of hazardous reactions: May liberate, carbon monoxide, carbon dioxide and other toxic vapours.

10.4 Conditions to avoid: Avoid excessive heat for prolonged periods of time.

10.5 Incompatible materials: Stable under normal temperature conditions and recommended use.

11) Toxicological information:

Irritating to eyes. Prolonged contact with skin may cause defatting, not recommended if user has skin complaints such as eczema, etc.

12) Ecological information:

Ecotoxicity: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Mobility: Not determined.

Persistence and degradability: more than 80% Biodegradable.

Bioaccumulative potential: Not determined.

13) Disposal considerations:

Dispose of according to Local Authority Regulations.

14) Transport information:

Special Carriage precautions: Not classified as hazardous for transport.

15) Regulatory information:

Risk phrases R-52/53 : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

This data sheet does not constitute a user's assessment of workplace risk as required by HSW act, COSHH, Management of Health and safety at Work regulations, or other health and safety legislation.

16) *Other information:

This product is registered with the National Poisons Information Service.

The information supplied in this safety data sheet is, to the best of knowledge, true and accurate, but any recommendations or suggestions made are without guarantee since the conditions of use are beyond our control. The data contained in this safety Data Sheet has been supplied as required by the EC Regulations 1907/2006 for the purpose of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided.

Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information.

Risk Phrases in full

| | |
|--------|---|
| R10 | Flammable. |
| R22 | Harmful if swallowed. |
| R36/38 | Irritating to eyes and skin. |
| R37 | Irritating to respiratory system. |
| R41 | Risk of serious damage to eyes. |
| R51/53 | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| R65 | Harmful: may cause lung damage if swallowed. |
| R66 | Repeated exposure may cause skin dryness or cracking. |
| R67 | Vapours may cause drowsiness and dizziness. |

Last revision July 2011. Revised sections indicated *.

Revision date: February 2012