

REDROCK LTD.

Material Safety Data Sheet

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|---|---|
| 1) PRODUCT NAME | Redrock Handcleaner |
| General Description: | Handcleaner |
| Red Rock (2004) Ltd. PO Box 12091 Birmingham B13 9WS | |
| Tel: (0044) 0870 910 7799 Email: info@redrock-uk.co.uk | |
| 2) COMPOSITION / INFORMATION ON INGREDIENTS: | |
| Proprietary blend of fatty acid esters and non-ionic surfactants | |
| 3) HAZARDS IDENTIFICATION: | |
| The product is classified as low hazard. However it may cause a degreasing effect upon prolonged contact with unprotected skin. | |
| 4) FIRST AID MEASURES | |
| Skin: | Remove contaminated clothing. Wash off with water. |
| Eyes: | Flush eyes with flowing water for at least 10 minutes. |
| Ingestion: | Rinse mouth with water. Drink 1 – 2 glasses of water. |
| Inhalation: | Remove to fresh air. |
| Other information: | The above actions are those required for any product which does not have any special medical effects. Contaminated clothing should be washed before re-use. |
| 5) FIRE FIGHTING MEASURES: | |
| Water mist, foam, carbon dioxide, dry powder. | |
| 6) ACCIDENTAL RELEASE MEASURES | |
| Spillages should be contained by and covered with sand, earth, or similar absorbent material such as vermiculite. The mixture can then be shovelled into containers. The area can then be cleaned with detergent and water. | |
| MSDS reference: RRK Handcleaner.1 04/04. Material: Redrock Handcleaner. Page 1/3 | |

7) HANDLING AND STORAGE:

Store in sealed containers under ambient conditions, ideally between 5C and 25C.

8) EXPOSURE CONTROLS / PERSONAL PROTECTION:

Personal exposure limits: There are no assigned exposure limits by any Regulatory Authority

Personal Protective Equipment: The product is classified low hazard to health, however if there is the possibility of prolonged contact with skin it is recommended that protective gloves be worn.

9) PHYSICAL AND TECHNICAL SAFETY DATA

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| Appearance: | White gel (20C) |
| Boiling/Melting/Freezing Points: | Pour Point 25C |
| Specific Gravity/Bulk Density | SG ca. 0.93 (25C) |
| Vapour Pressure: | Not determined |
| Viscosity: | Not determined |
| Solubility: | Emulsifiable in water (20C) |
| pH | ca. 7 (10% aqueous emulsi, 20C) |
| Flash Point | > 100C |
| Ignition temperature | Not determined |
| Explosive Limits | Not determined |
| Other Information: | |

10) STABILITY AND REACTIVITY:

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| Thermal decomposition: | Not determined. |
| Hazardous Decomposition Products: | Oxides of carbon. |
| Hazardous reactions: | Avoid strong oxidising agents as for any organic chemical. |

11) TOXICOLOGICAL INFORMATION:

Based on component assessments the following toxicological data is expected:

Acute oral toxicity (Rat) = >2000 mg/kg. (OECD Method 401)
Primary skin irritation (Rabbit) = Mild irritant. (OECD Method 404)
Primary eye irritation (Rabbit) = Mild irritant (OECD Method 405)

12) ECOLOGICAL INFORMATION

Based on component assessments and CESIO recommendations, the following ecological data is expected.

The product is considered to be readily biodegradable. (OECD Method 301D - BOD28/COD = >80%)

Acute Fish Toxicity LC₅₀ = >10 < 100 mg product/litre (Golden Orfe DIN 38412T15)

Acute Bacterial Toxicity EC₀ = > 100 mg product/litre (Oxygen consumption test with Ps. Putida)

13) DISPOSAL CONSIDERATIONS

Waste product may be disposed of by controlled land fill or incineration. National and local legislation concerning the disposal of such waste material must be complied with.

14) TRANSPORT REGULATIONS:

UN Number:

ICAO- Air:

IMO-Sea:

ADR-Road:

CDG-Road:

Proper Shipping Name:

Additional Data: The product is classified low hazard according to these regulations.

15) REGULATORY INFORMATION:

Labelling: The product is classified low hazard for labelling purposes according to UK and EC regulations

Other: The product only contains substances which are registered on EINECS

16) FURTHER INFORMATION

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our product from the point of view of safety requirements and is not intended to guarantee any particular properties.

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