



MATERIAL SAFETY DATA SHEET

Classified as NON HAZARDOUS according to criteria of NOHSC

Section 1: IDENTIFICATION

KLEENHANDS HANDCLEANER

Recommended Use: Hand Cleaning Paste for a wide range of soiling

Product Code: 4624 (4L), 4625 (20L).

UN Number : None allocated

Dangerous Goods Class: None allocated

Hazchem Code: None allocated

Poisons Schedule No: Not scheduled

Sierra (Aust) Pty Ltd (A.C.N. 51 101 066 022)

Postal Address: P. O. Box 563 Virginia QLD 4014

Telephone Number: (617) 3216 5099 Facsimile: (617) 3216 5199

Emergency Telephone Number: Poisons Information Centre (National) 131126

Section 2: HAZARDS

Not classified as hazardous by the criteria of NOHSC.

Section 3: COMPOSITION INFORMATION

Ingredient	CAS No	Proportion
Triethanolamine Oleate	2717-15-19	<10%
Sodium Oleate	143-19-1	<10%
D-Limonene	5989-27-5	<10%
Non Ionic Surfactant		<10%
Ingredients deemed not to be hazardous	Not applicable	to 100%

Section 4: FIRST AID

Eye (Contact)	Hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor, or for at least 15 minutes.
Skin (Contact)	Remove contaminated clothing and flush skin and hair with running water.
Inhalation(Breathing)	Not volatile at room temperatures.
Ingestion (Swallowing)	DO NOT induce vomiting. For advice, contact a Poisons Information Centre (Phone 131126) or a doctor.
Advice to Doctor	Treat symptomatically.
First Aid Facilities	Ensure an eye bath and safety shower are available and ready for use.
Additional Information	No aggravated medical conditions are known to be caused by exposure to this product. For advice, the Poisons Information Centre on 13 11 26.



Section 5: FIREFIGHTING MEASURE

Suitable Extinguishing Media	Use dry chemical powder, alcohol stable foam, water spray or fog type extinguishers.
Hazards From Combustion Products	Toxic and/or irritating fumes including carbon monoxide and carbon dioxide may be emitted.
Precautions For Fire Fighters and Special Protective Equipment	Keep containers cool by spraying with water.
Additional Information	Hazchem Code – Not applicable. Non Combustable. Not considered to be a significant fire risk.

Section 6: ACCIDENTAL RELEASE MEASURES

Minor Spills	Slippery when spilled. Restrict access to area until completion of cleanup. Contain spill with absorbent material, such as sand, vermiculite or other inert material. Wipe up. Place in a suitably labeled container for waste disposal.
Major Spills	Slippery when spilled. Minor hazard. Personal protective equipment should be worn when cleaning up spills. Restrict access to area until completion of cleanup. Stop leak if safe to do so. Alert authorities and inform them the location and nature of hazard. Contain spill with absorbent material, such as sand, vermiculite or other inert material. Prevent spill entering sewers, drains or waterways. Collect and dispose of spilled material according to local regulations. Wipe up any remaining residue and dispose of accordingly.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling	Store product in original container, and securely sealed. Wash hands and face thoroughly after handling and before work breaks, eating, drinking, smoking and using toilet facilities. No Transportation restrictions apply.
Conditions for Safe Storage	Store in original container, in a cool, dry, well ventilated area away from incompatible materials. Keep container tightly sealed. Container for storage – plastic container.

Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

National Exposure Standards – Source: National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003].

<u>Ingredient</u>	<u>CAS No</u>	<u>ES-TWA</u>	<u>ES-STEL</u>
Triethanolamine Oleate	2717-15-19	None assigned	
Sodium Oleate	143-19-1	None assigned	
D-Limonene	5989-27-5	None assigned	
Non Ionic Surfactant			

Biological Limit Values Not available.



MATERIAL SAFETY DATA SHEET KLEENHANDS

Engineering Controls	None required under normal operating conditions. Provide adequate ventilation in work area or closed storage areas.
Flammability	Non flammable
Personal Protective Equipment	Eye/face protection – none required for minor or short term exposure, otherwise Safety glasses with side shielding or chemical resistant goggles should be worn to prevent eye contact. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them. Skin protection – none required as this product is designed to be used on the skin. Application of a barrier or hand cream is recommended after use.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance Yellow opaque paste	Boiling Point approximately 100°C
Odour Slight citrus odour	Freezing Point approximately 0 °C
pH 7.5 – 8.5	Solubility Soluble in water.
Specific Gravity 1.0	Flash Point Not Applicable.
Vapour Pressure Not Available.	Upper and Lower Flammability limits (in air) Not Applicable.
Vapour Density Not Available.	Ignition Temperature Not Applicable.

Section 10: STABILITY AND REACTIVITY

Chemical Stability	Stable under normal ambient storage conditions.
Conditions to avoid	Avoid high temperatures (store below 30°C). Protect against physical damage.
Incompatible materials	Do not mix with other chemicals.
Hazardous decomposition products	None known.
Hazardous reactions	None known.

Section 11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS

Acute

Swallowed	Considered an unlikely route of entry in commercial / industrial environments. Ingestion may result in nausea, and abdominal irritation. Acute pain and vomiting if swallowed in large amount.
Eye	Irritating to the eyes, and is capable of causing temporary discomfort with mild redness to the conjunctiva. Temporary impairment of vision or other transient eye damage/ulceration.
Skin	Prolonged continuous contact may cause drying and irritation of sensitive skin. Not considered an irritant through normal use.
Inhaled	Not normally a hazard due to non-volatile nature of product.



MATERIAL SAFETY DATA SHEET KLEENHANDS

Chronic As with any chemical product; inhalation of vapour, mist or dust in workplace atmosphere; or ingestion in any form, should be avoided by observing good occupational work practice.

TOXICITY DATA

Not available.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity Not available.
Persistence and degradability Not available.
Mobility Not available.

Section 13: DISPOSAL CONSIDERATIONS

Disposal method Refer to State/Territory Land Waste Management Authority. Dispose of material through a licensed waste contractor. Rinse empty containers thoroughly before recycling or disposing to an authorised landfill.
Special precautions Suitable for incineration by approved agent.

Section 14: TRANSPORT INFORMATION

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code).

UN Number Not applicable.
UN Proper Shipping Name Not applicable.
Class and subsidiary risk Not applicable.
Packing Group Not applicable.
Special precautions for user Not applicable.
Hazchem Code Not applicable.

Section 15: REGULATORY INFORMATION

Poisons Schedule (SUSDP): Not applicable.

All ingredients are listed in the Australia Inventory of Chemical Substances (AICS).

Section 16: OTHER INFORMATION

Poisons Information Centre 13 11 26

SierraContact Details: G. Macdonald
Sierra (Aust) Pty Ltd
17 Delta Street
GEEBUNG QLD 4034
Ph (07) 3216 5099

Date of preparation: 29 September, 2007