

SAFETY DATA SHEET

1. Product and Company Identification

Company Name: Sierra Aust Pty Ltd
 17 Delta Street, Geebung
 Queensland 4034
sierra@optusnet.com.au

Emergency Contact: Sierra (07) 3216 5099 Poisons Information Centre 13 11 26

Ph (07) 3216 5099
 Fx (07) 3216 5199

Product Name: **Sierra Gel Hand Cleaner**
Product Code: 4626, 4627, 4630, 4631
Intended Use: Heavy Duty Workshop Hand Cleaner
Chemical Nature: Mixture

2. Hazards Identification

Hazardous Chemical according to classification by Safe Work Australia
Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail

GHS Classification: Aspiration Hazard Category 1
 Skin Corrosion/Irritation Cat 2
 Chronic Aquatic Toxicity Category 3



GHS Signal Word: **DANGER**

Hazard Statement: H304 May be fatal if swallowed and enters airways
 H315 Causes skin irritation
 H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements:

General: P101 If medical advice is needed, have product container or label at hand.
 P102 Keep out of reach of children.
 P103 Read label before use.

Preventative: P233 Keep container tightly closed.
 P264 Wash thoroughly after handling.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/eye protection/face protection

Response: P301+P310 IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician
 P302+ P352 IF ON SKIN: Wash with plenty of soap and water
 P331 Do NOT induce vomiting.
 P332 + P313 If skin irritation occurs: Get medical advice/attention
 P362 Take off contaminated clothing and wash before reuse.
 P370 + P378 In case of fire: Use foam/water spray/fog for extinction.
 P391 Collect spillage.

Storage: PP403 + P235 Store in a well ventilated place. Keep cool.
 P405 Store locked up.

Disposal: P501 Dispose of contents/container in accordance with local regulations.

3. Composition / Information on Ingredients

Ingredients Names and Proportions

Chemical Entity	Cas Number	Proportion(%)
LOW AROMATIC WHITE SPIRIT	64742-82-1	30-50
Ingredients determined to be non hazardous		balance

4. First aid Measures

- In case of eye contact: If in eyes, hold eyes open, flood with water for at least 15 minutes. If irritation persists seek medical attention.
- In case of skin contact: If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap if available
- If Ingested: If swallowed, do NOT induce vomiting. Transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.
- If Inhaled: Keep victim calm and remove to fresh air if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.

Symptoms caused by exposure

- Inhalation: Breathing of high vapour concentrations may cause central nervous system depression resulting in dizziness, light-headedness, headache, nausea and loss of coordination. Continuous inhalation may result in unconsciousness and death.
- Skin: May include redness and cracking.
- Eyes: May include redness and swelling.
- Ingestion: May include headache, nausea, coughing and shortness of breath.

Medical attention and special treatment

Treat symptomatically

5. Fire Fighting Measures

Suitable Extinguishing Media: Foam, water spray or fog, dry chemical powder or carbon dioxide. Do not use water in a jet

Specific Hazards arising from the Chemical:

Carbon monoxide may be evolved if incomplete combustion occurs. Will float and can be reignited on surface of water. Vapour is heavier than air, can spread along ground and distant ignition is possible.

Special protective equipment for fire fighters:

Wear full protective clothing and self contained breathing apparatus. Hazchem code 3Y

6. Accidental Release Measures

Personal Precautions: Avoid contact with spilled or released material. Shut off leaks, if possible without personal risks. Isolate hazard area and deny entry to unnecessary or unprotected personnel.

Environmental Precautions: Use appropriate containment to avoid environmental contamination. Prevent from spreading and entering waterway using sand, earth or other appropriate barriers. Ventilate contaminated area thoroughly.

Methods of cleanup: For small spills transfer by mechanical means to a labeled, sealable container for product recovery or safe disposal. Use an appropriate absorbent material and dispose of safely. For larger spills, transfer by means such as a vacuum truck to a salvage tank for recovery or disposal. Do not flush residues with water. Retain as contaminated waste. Use an appropriate absorbent material and dispose of safely.

7. Handling and Storage

Precautions for safe handling: Handle and open containers with care in a well-ventilated area. Ensure that the workplace is ventilated such that the Occupational Exposure limit is not exceeded. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.

Conditions for safe storage: Store in a well ventilated area, away from sunlight, ignition sources and other sources of heat. Do not store near foodstuff.

8. Exposure Controls and Personal Protection

National occupational exposure limits: No value assigned for this specific material by Safe Work Australia.

Biological Monitoring: No biological limit allocated.

National occupational exposure limits: Natural ventilation should be adequate under normal use conditions.. **Personal**

Protection Equipment: SAFETY SHOES, OVERALLS, GLOVES, SAFETY GLASSES.

Wear safety shoes, overalls, gloves, safety glasses. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and skin contact. Avoid inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

9. Physical and Chemical Properties

Appearance:	Pink Gel	Density (g/ml@15°C):	Typical 0.96
Odour:	Pleasant	Solubility (kg/m ³):	Miscible with water
Initial Boil point range:	Typical 149-194°C	Auto ignition temp (°C)	not available
Flash point:	>70°C	Vapour Density:	not available
Flammability:	Non Flammable	(air=1 @ 15°C)	
Vapour pressure:	not available	Upper/lower flammability:	not available
(kPa@20°C)		or explosive limits (%)	

10. Stability and Reactivity

Reactivity:	Stable under normal conditions of use
Chemical Stability:	Stable under normal conditions of use
Possible Hazardous reactions:	Stable under normal conditions of use
Conditions to avoid:	Avoid heat, sparks, open flames and other ignition sources
Incompatible materials:	Strong oxidizing agents.
Hazardous Decomposition products:	Oxides of carbon and nitrogen, smoke and other toxic fumes.

11. Toxicological Information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: Material may be an irritant to mucous membranes and respiratory tract. Inhalation of vapour can result in headaches, dizziness and possible nausea. Inhalation of high concentrations can produce central nervous system depression, which can lead to loss of co-ordination, impaired judgement and if exposure is prolonged, unconsciousness.

Skin contact: Contact with skin will result in irritation.

Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract. May cause lung damage if swallowed. Small amounts of liquid aspirated into the respiratory system during ingestion or vomiting may cause bronchopneumonia or pulmonary oedema.

Eye contact: May be an eye irritant.

Acute toxicity

Inhalation: Acute toxicity estimate (based on ingredients): >20 mg/L

Skin contact: Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Ingestion: Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Corrosion/Irritancy: Eye: this material has been classified as not corrosive or irritating to eyes. Skin: this material has been classified as a Category 2 Hazard (reversible effects to skin).

Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser.

Aspiration hazard: This material has been classified as Aspiration Hazard Category 1

Specific target organ toxicity (single exposure): This material has been classified as a Category 3 Hazard. Exposure via inhalation may result in depression of the central nervous system.

Chronic Toxicity

Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as non-hazardous.

Reproductive toxicity (including via lactation): This material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure): This material has been classified as non-hazardous.

12. Ecological Information

Avoid contaminating waterways.

Acute aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

Long-term aquatic hazard: This material has been classified as non-hazardous. Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available OR in the absence of chronic toxicity data, Acute toxicity estimate (based on ingredients): >100 mg/L, where the substance is not rapidly degradable and/or BCF < 500 and/or log Kow < 4.

Ecotoxicity: No information available.

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Mobility: No information available.

13 Disposal Considerations

Ensure waste disposal conforms to local waste disposal regulations.

14. Transport Information

ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road and Rail" and the "New Zealand NZS5433 : Transport of Dangerous Goods on Land"

MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. Regulatory Information

HSNO Group Standard: HSR002525 - Cleaning Products (Combustible) Group Standard 2006

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)

The Stockholm Convention (Persistent Organic Pollutants)

The Rotterdam Convention (Prior Informed Consent)
Basel Convention (Hazardous Waste)
International Convention for the Prevention of Pollution from Ships (MARPOL)

This material/constituent(s) is covered by the following requirements:

All the constituents of this material are listed on the *Australian Inventory of Chemical Substances* (AICS).

16. Other Information

This SDS contains only safety related information. For other information see product literature.

Every endeavor has been made to ensure that the information contained in this publication is reliable and offered in good faith. It is meant to describe the safety requirements of our products and should not be construed as guaranteeing specific properties. Customers are encouraged to conduct their own tests as end user suitability of the product for particular uses is beyond our control. The information is not intended as an inducement to bargain and no warranty expressed or implied is made as to its accuracy, reliability or completeness. Sierra (Aust) Pty Ltd accepts no liability for loss, injury or damage arising from reliance upon the information contained in this data sheet except in conjunction with the proper use of the product to which it refers. Due care should be taken that the use and disposal of this product is in compliance with appropriate Federal, State and Local Government regulations.

