



Material Safety Data Sheet

Product Name Hand Cleaner

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name TRU-BLU OIL AUSTRALIA PTY LTD
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Synonym(s) Hand Cleaner; Pacific Hand Cleaner

Use(s) Hand Cleaner, Workshop hand cleanser.

SDS Date 20th August 2012

2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

Risk Phrase(s) N/a

Safety Phrase(s) S39 – Wear eye/face protection

S26 – In case of contact with eyes, rinses with plenty of water and contact Doctor or Poisons Information centre

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	Formula	CAS No.	Content
Lanolin	Not Available	8006-54-0	<5 %
Surfactant(s)	Not Available		<10 %
Polymer beads	Not Available		<5 %
Water	Not Available	7732-18-5	>70 %

4. FIRST AID MEASURES

Eye If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.

Skin Wash with water. Remove contaminated clothing. Wash clothing before re-use. If irritation occurs seek medical advice.

Inhalation If inhaled, remove from contaminated area. If discomfort persists seek medical advice. Apply artificial respiration if not breathing.

Ingestion If swallowed, do NOT induce vomiting. Give a glass of water. Never give drink to an unconscious person. Seek immediate medical advice. For further advice call Poisons Information Centre (Phone Australia 131126)

Advice to Doctor Treat symptomatically.

First Aid Facilities Eye wash facilities and safety shower should be available.

5. FIRE FIGHTING MEASURES

Flammability The product does not present a flammability hazard in use. The solid residue on removal of water is combustible

6. ACCIDENTAL RELEASE MEASURES

Spillage Keep out of sewer, stormwater drains and waterways. Contain spill, absorb with sand, earth or vermiculite and seal in properly labelled polyethylene drums for disposal. If possible, recycle waste material. Otherwise, dispose of solid waste in an approved landfill or dispose of waste by burning in an approved incinerator. In all cases, disposal should be in accordance with regulations. Emptied container retains product residue. Observe the safeguards on the label and in this MSDS until the container is cleaned or destroyed.

7. STORAGE AND HANDLING

The material is not classified as Dangerous Goods for storage or transport according to the criteria of the Australian Dangerous Goods Code (ADG Code). Due to its acidity, the product may slowly corrode aluminium, mild steel, zinc and galvanised steel containers. If the product reacts with the metal container, highly flammable hydrogen gas may be generated possibly resulting in pressurisation of the container. Store in polyethylene or polyethylene-lined containers. Stable under the normal conditions of transport and storage. Keep away from strong oxidisers.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure Standards None established for the product

Biological Limits No biological limit allocated.

Engineering Controls None normally required.

PPE Respiratory protection is not normally required when using the product. Avoid contact with eyes, skin and clothing. Safety glasses with side-shields, PVC or rubber gloves and boots are recommended as good industrial practice. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Yellow cream/liquid with a citrus odour; miscible in water		
Odour	Citrus	Specific Gravity	0.95-1.00
pH	7.0-7.5	% Volatiles	Approx 50 by wt.
Vapour Pressure	Not Applicable	Flammability	Not Available
Vapour Density	Not Available	Flash Point	Not Applicable
Boiling Point	Not Available	Upper Explosion Limit	Not Available
Melting Point	Not Available	Lower Explosion Limit	Not Available
Viscosity	Not Available	Solubility (Water)	Miscible

10. STABILITY AND REACTIVITY

Chemical Stability Stable under recommended conditions of storage.

Conditions to Avoid N/A

11. TOXICOLOGICAL INFORMATION

Health Hazard	Low toxicity. Use safe work practices to avoid eye or skin contact and inhalation.
Eye	May cause slight irritation
Inhalation	If inhaled as a mist, the product may cause slight irritation to upper respiratory tract. The normal low pressure drip method of application does not create mist.
Skin	May cause slight irritation
Ingestion	No data. Unlikely to be harmful to an adult person unless a very large dose (ie. Greater than about 300ml) is swallowed.
Toxicity Data	No LD50 data available for this product.

12. ECOLOGICAL INFORMATION

Based on the chemical structure of components and test data on a related product, this product is unlikely to leach any components in environmentally hazardous concentrations in stormwater when used in soil stabilisation.

13. DISPOSAL CONSIDERATIONS

Waste Disposal	Reuse where possible or return to the manufacturer. May be recycled. Do not release to drains or waterways. Contact the manufacturer for additional information
Legislation	Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

Shipping Name	None Allocated	Packing Group	None Allocated	Hazchem Code	None Allocated
UN No.	None Allocated	DG Class	None Allocated	Subsidiary Risks(s)	None Allocated

15. REGULATORY INFORMATION

Poison Schedule	A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).
AICS	All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Additional Information

MINERAL OILS - SOLVENT REFINED; Animal experiments and human experience have not shown cancer risks when handling solvent refined mineral oils, unlike non refined mineral oils. CLEANING MINERAL OIL CONTAMINATED CLOTHING; Cleaners are advised that when cleaning oil contaminated clothing it is essential that freshly distilled solvent is used for each batch, including final rinse, as even filtered solvent will leave oil residues.

MINERAL OILS - USED; Used mineral oils in engine crankcases and other high temperature/high stress environments may contain potentially harmful residues, some of which have been shown to cause irreversible skin effects, including cancer. Prolonged and repeated inhalation of mists associated with used mineral oils may result in pulmonary fibrosis.

MINERAL OILS - INJECTION; Where high pressure applications are used the risk of accidental injection under the skin exists and may result in an extremely painful and serious injury requiring immediate medical attention. Depending on the pressure used, mineral oils may be injected a considerable distance below the skin and may cause permanent tissue damage. SEEK IMMEDIATE MEDICAL ATTENTION. EXERCISE EXTREME CARE WHEN USING HIGH PRESSURE EQUIPMENT.

ABBREVIATIONS: ADB - Air-Dry Basis.
BEI - Biological Exposure Indice(s)
CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.
CNS - Central Nervous System.
EC No - European Community Number.
IARC - International Agency for Research on Cancer.
M - moles per litre, a unit of concentration.
mg/m³ - Milligrams per cubic metre.
NOS - Not Otherwise Specified.
NTP - National Toxicology Program.
OSHA - Occupational Safety and Health Administration.
pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).
ppm - Parts Per Million.
RTECS - Registry of Toxic Effects of Chemical Substances.
TWA/ES - Time Weighted Average or Exposure Standard.

HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a MSDS which would encompass all possible scenarios, it is anticipated that the end user will assess the risks and apply control methods where appropriate.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this MSDS is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered by the end user before final selection of personal protective equipment is made.

REPORT STATUS:

This MSDS has been prepared by Tru-Blu Oil using the most current information available at the time of issuing. Tru-Blu Oil accepts no liability (as lawfully allowed) for any loss, injury or damage which may have been suffered or incurred by any person as a consequence of their reliance on information that is contained in this MSDS.

MSDS Date: 20 August 2012

End of MSDS