

PRODUCT NAME: **Grime Buster**

1. IDENTIFICATION OF MATERIAL & SUPPLIER

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SYNONYM(S) Heavy duty "waterless" hand cleaner with abrasive to clean particularly dirty hands.
USE(S) HAND CLEANER
MSDS DATE: 04 July 2011

2. HAZARDS IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

Risk Phrase(s):

R43: May cause sensitisation by skin contact.
 R65: Harmful: May cause lung damage if swallowed.

Safety Phrase(s):

S36/39: Wear suitable protective clothing and eye/face protection.
 S62: If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

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

UN No.	None Allocated	DG Class	None Allocated	Subsidiary Risk(s)	None Allocated
Pkg Group	None Allocated	Hazchem Code	None Allocated	EPG	None Allocated

3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	FORMULA	CAS NO.	CONTENT
Solvent naphtha (petroleum), light aromatic	Not Available	64742-95-6	10-30%
Limonene	Not Available	5989-27-5	1-10%
Non-hazardous ingredients (including water)	Not Available		Balance to 100%

4. FIRST AID MEASURES

EYE If in eyes wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

INHALATION Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

SKIN If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

INGESTION	Immediately rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek immediate medical advice.
ADVICE TO DOCTOR	Treat symptomatically. Effects may be delayed. Delayed pulmonary oedema may result.

5. FIRE FIGHTING MEASURES

FLAMMABILITY	Non-combustible material.
FIRE & EXPLOSION	Not combustible, however following evaporation of aqueous component residual material can burn if ignited. On burning may emit toxic fumes. Fire fighters to wear self- contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.
EXTINGUISHING	Not combustible, however, if material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).
HAZCHEM CODE	Not applicable.

6. ACCIDENTAL RELEASE MEASURES

SPILLAGE	SMALL SPILLS Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage. LARGE SPILLS Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain – prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. If contamination of sewers or waterways has occurred advise local emergency services. Dangerous Goods – Initial Emergency Response Guide No: Not applicable.
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7. STORAGE AND HANDLING

STORAGE	Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.
HANDLING	Avoid skin and eye contact.

8. EXPOSURE CONTROLS / PERSONAL EQUIPMENT

EXPOSURE STANDARDS	National occupational exposure limits: No value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC Australia).
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BIOLOGICAL LIMIT VALUES	As per the “National Model Regulations for the Control of Workplace Hazardous Substances [NOHSC: 1005 (1994)]” the ingredients in this material do not have a Biological Limit Allocated.
ENGINEERING CONTROLS	Natural ventilation should be adequate under normal use conditions.
PPE	SAFETY SHOES, SAFETY GLASSES, GLOVES. When handling individual retail packs no personal protection equipment is required. Wear overalls, safety glasses and impervious gloves if contact time is significant Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

9. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE:	Pale blue gel.	SOLUBILITY (WATER):	Miscible with water.
ODOUR:	Slight mint	SPECIFIC GRAVITY:	0.95
pH:	8.0-9.0	% VOLATILES:	Not Available
VAPOUR PRESSURE:	Not Available	FLAMMIBILITY:	Not Available
VAPOUR DENSITY:	Not Available	FLASH POINT:	→65
BOILING POINT:	Not Applicable	UPPER EXPLOSION LIMIT:	Not Available
MELTING POINT:	Not Available	LOWER EXPLOSION LIMIT:	Not Available
EVAPORATION RATE:	Not Available	AUTOIGNITION:	Not Available
DENSITY:	Not Available		

10. STABILITY & REACTIVITY

Chemical stability: This material is thermally stable when stored and used as directed.

Conditions to avoid: No information available.

Incompatible Materials: Oxidising agents.

Hazardous decomposition products: Oxides of carbon and nitrogen, smoke and other toxic fumes.

Hazardous reactions: No information available.

11. TOXICOLOGICAL INFORMATION

HEALTH HAZARD SUMMARY	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:
EYE	May be an eye irritant.
INHALATION	Material may be irritant to mucous membranes and respiratory tract.
SKIN	Contact with skin may result in irritation. A skin sensitiser. Repeated or prolonged skin contact may lead to allergic contact dermatitis.
INGESTION	Swallowing can result in nausea, vomiting and central nervous system depression. If the victim is uncoordinated there is greater likelihood of vomit entering the lungs and causing subsequent complications. Aspiration pneumonia (inflammation of the lung) may result.
TOXICITY DATA	Long Term Effects: No information available for product. Acute toxicity / Chronic toxicity: No LD50 data available for the product

12. ECOLOGICAL INFORMATION

ENVIRONMENT Avoid contaminating waterways.
Ecotoxicity: No information available.
Persistence and degradability: No information available.
Mobility: No information available.

13. DISPOSAL CONSIDERATION

Refer to State/Territory Land Waste Management Authority

14. TRANSPORT INFORMATION

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

SHIPPING NAME: None Allocated

UN No.	None Allocated	DG CLASS	None Allocated	SUBSIDIARY RISK(S)	None Allocated
Pkg GROUP	None Allocated	HAZCHEM CODE	None Allocated	EPG	None Allocated

15. REGULATORY INFORMATION

ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

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.

16. OTHER INFORMATION

ADDITIONAL INFORMATION:

Additional Information

EXPOSURE STANDARDS - TIME WEIGHTED AVERAGES: Exposure standards are established on the premise of an 8 hour work period of normal intensity, under normal climatic conditions and where a 16 hour break between shifts exists to enable the body to eliminate absorbed contaminants. In the following circumstances, exposure standards must be reduced: strenuous work conditions; hot, humid climates; high altitude conditions; extended shifts (which increase the exposure period and shorten the period of recuperation).

ABBREVIATIONS:

ADB - Air-Dry Basis.

CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.

CNS - Central Nervous System.

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.

pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).

ppm - Parts Per Million.

TWA/ES - Time Weighted Average or Exposure Standard.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES: The recommendation for protective equipment contained within this report 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 before final selection of personal protective equipment is made.

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 report that would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

This document has been compiled by the manufacturer of the product and serves as the manufacturer's Material Safety Data Sheet ('MSDS'). It is based on information concerning the product which has been provided to Ecowash Solutions obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue.

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