

HANDY YELLOW

Safety Data Sheet



1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: HANDY YELLOW

Synonyms:

Handy Abrasive Hand Cleaner

Product Code

451

Recommended use: Abrasive hand cleaner.

Supplier Name CLEAN PLUS CHEMICALS PTY LTD

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2. HAZARDS IDENTIFICATION

Hazardous according to the criteria of GHS and Safe Work Australia.

Signal Word: Danger

Label elements: This product is exempted from labelling requirements.

Hazard Classifications

Serious eye damage, Category 1

Sensitisation - Skin - Category 1

Hazard Statements

H318 Causes serious eye damage.

Prevention Precautionary Statements

P102 Keep out of reach of children.

P103 Read label before use.

P262 Do not get in eyes.

Response Precautionary Statements

P101 If medical advice is needed, have product container or label at hand.

P305 + P351 + P338 - IF IN EYES: rinse cautiously with water for several minutes.

Remove contact lenses if present and easy to do. Continue rinsing.

P337 + P317 If eye irritation persists: Get medical help

Storage Precautionary Statement

Not allocated

Disposal Precautionary Statement

P501 Dispose of contents/container in accordance with local, regional, national and international regulations.

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3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO	PROPORTION
Coconut oil, Diethanolamine cocoate	8051-30-7	1 - 10%
4-Nonylphenol branched, ethoxylated	127087-87-0	1 - 10%
D-limonene	5989-27-5	1 - 10%
Ingredients determined to be non-hazardous		Balance

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126).

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

Skin Contact: Take off immediately all contaminated clothing and wash it before reuse. Immediately call a POISON CENTRE, doctor or physician.

Eye contact: Immediately rinse eyes with copious quantities of water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE, doctor or physician.

Ingestion: 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 medical advice.

Notes to physician: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Hazchem Code: Not applicable.

Suitable extinguishing media: If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).

Specific hazards: No special hazards known

Firefighting further advice: As in any fire, wear self-contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS

Clear area of all unprotected personnel. 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 crops, sewers or waterways has occurred advise local emergency services.

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7. HANDLING AND STORAGE

Handling: Avoid eye contact. Avoid inhalation of vapour, mist or aerosols.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Keep container standing upright. Keep containers closed when not in use - check regularly for leaks.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

Biological Limit Values: Not available.

Engineering Measures: No special requirements.

Personal Protection Equipment: No special requirements.

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

Base Units:	Litres
Form:	Creamy Liquid
Colour:	Opaque yellow thick liquid
Odour:	Citrus
pH:	7.0 - 8.0
Viscosity:	N Av
Solubility:	Miscible with water.
Specific Gravity (20 °C):	Not Available
Relative Vapour Density (air=1):	>1
Vapour Pressure (20 °C):	N Av
Flash Point (°C):	N App
Flammability Limits (%):	N App
Autoignition Temperature (°C):	N App
Melting Point/Range (°C):	N Av
Boiling Point/Range (°C):	Approx. 100
Decomposition Point (°C):	N Av
Total VOC (g/Litre):	N Av

(Typical values only - consult specification sheet)
N Av = Not available, N App = Not applicable

10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal storage and use conditions.

Conditions to avoid: None known under normal storage and use conditions.

Incompatible materials: None known under normal use conditions.

Hazardous decomposition products: None known under normal storage and use conditions.

Hazardous reactions: No known hazardous reactions.

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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:

ATE – Oral (mg/kg): > 2000

ATE – Inhalatory, mists (mg/L): >20

Acute oral toxicity: LD50 4400 – 5100 mg/kg (d-limonene, rat); (Coconut oil, Diethanolamine cocoate, no data available); 500 mg/kg (4-Nonylphenol branched, ethoxylated)

Acute dermal toxicity: LD50 >5000 mg/kg (d-limonene, rabbit); (Coconut oil, Diethanolamine cocoate, no data available); 2830 – 4400 mg/kg (4-Nonylphenol branched, ethoxylated, rabbit)

Acute inhalative toxicity: No data (d-limonene; Coconut oil, Diethanolamine cocoate; 4-Nonylphenol branched, ethoxylated)

Skin irritation and corrosivity: irritant (rabbit) (d-limonene; Coconut oil, Diethanolamine cocoate No data)

Eye irritation and corrosivity: No data (d-limonene); Coconut oil, Diethanolamine cocoate No data

Respiratory tract irritation and corrosivity: No data available (d-limonene; Coconut oil, Diethanolamine cocoate)

Sensitisation by skin contact: Sensitising (d-limonene, Guinea Pig); Coconut oil, Diethanolamine cocate, no data)

Sensitisation by inhalation: No data available (d-limonene; Coconut oil, Diethanolamine cocoate)

Mutagenicity: No data available (d-limonene; Coconut oil, Diethanolamine cocoate)

Carcinogenicity: No data available (d-limonene; Coconut oil, Diethanolamine cocate); negative on 140 mg/kg, oral route, 24 months (Nonylphenol branched, ethoxylated, rat)

Toxicity for reproduction: No data available (d-limonene; Coconut oil, Diethanolamine cocoate; Nonylphenol branched, ethoxylated)

STOT-single exposure: No data available (d-limonene; Coconut oil, Diethanolamine cocoate; Nonylphenol branched, ethoxylated)

STOT-repeated exposure: No data available (d-limonene; Coconut oil, Diethanolamine cocoate; Nonylphenol branched, ethoxylated)

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Aquatic short-term ecotoxicity: LC50 mg/L - fish (0.72 d-limonene; 2.4 Coconut oil, Diethanolamine cocoate; no data- Nonylphenol branched, ethoxylated); EC50 mg/L – crustacea (0.36 d-limonene; 3.2 Coconut oil, Diethanolamine cocoate); algae - LC50 mg/L (150 d-limonene); algae LC 50 (3.9 Coconut oil, Diethanolamine cocoate); algae – no data (Nonylphenol branched, ethoxylated); marine species – no data available (d-limonene; 3.2 Coconut oil, Diethanolamine cocoate, Nonylphenol branched, ethoxylated).

Aquatic long-term ecotoxicity: fish (d-limonene, no data available; 0.32 mg/L NOEC Coconut oil, Diethanolamine Cocoate, Nonylphenol branched, ethoxylated – no data). Crustacea -(d-limonene, no data available; 0.07 mg/L NOEC Coconut oil, Diethanolamine cocoate; no data nonylphenol branched, ethoxylated)

Terrestrial toxicity: /d-limonene; Coconut oil, Diethanolamine cocoate; Nonylphenol branched, ethoxylated / no data available for plants, birds, beneficial insects, soil bacteria.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see “Section 8. Exposure Controls and Personal Protection” of this SDS.

If possible, material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

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14. TRANSPORT INFORMATION

ADG, IMO/IMDG, ICAO/IATA

UN number: Non-dangerous goods

UN proper shipping name: Non-dangerous goods

Transport hazard (class(es)): Non-dangerous goods

Packing group: Non-dangerous goods

Environmental hazards: Non-dangerous goods

Special precautions for user: Non-dangerous goods

Hazchem code: None allocated

15. REGULATORY INFORMATION

National Regulations: Globally Harmonised System of Classification and Labelling of Chemicals (GHS) as published by Safe Work Australia.

Poison Schedule: Not classified as a Scheduled Poison using the criteria in the Standard for the Uniform Scheduling of Medicines and Poison (SUSMP), established under the Therapeutic Goods Act (Commonwealth).

Classification: Globally Harmonised System of Classification and Labelling of Chemicals (GHS) as published by SafeWork Australia.

Inventory Listing: Australian Inventory of Industrial Chemicals. All components are listed on the inventory or are exempt.

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)

16. OTHER INFORMATION

This Safety Data Sheet document has been compiled by Clean Plus Chemicals. Further clarification regarding any aspect of this product should contact Clean Plus Chemicals directly. While Clean Plus Chemicals has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Clean Plus Chemicals accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

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.

EINECS - European Inventory of Existing Commercial Substances.

GHS - Globally Harmonized System

IARC - International Agency for Research on Cancer.

M - moles per litre, a unit of concentration.

mg/m³ - Milligrams per cubic meter.

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.

ATE - Acute Toxicity Estimate

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LC50 - Lethal Concentration, 50% / Median Lethal Concentration
LD50 - Lethal Dose, 50% / Median Lethal dose
EC50 – effective concentration, 50%
NOAEL – No observed adverse effect level
NOEC - no observed effect concentration
NOEL – No observed effect level
STOT-RE - Specific target organ toxicity (repeated exposure)
STOT-SE - Specific target organ toxicity (single exposure)
STEL (Short Term Exposure Limit) - the average airborne concentration over a 15-minute period which should not be exceeded at any time during a normal eight-hour workday.
Peak Limitation - a ceiling concentration that should not be exceeded over a measurement period, which should be as short as possible, but not exceeding 15 minutes.
TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.
VOC – volatile organic compounds

End of Safety Data Sheet