

SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL

Product Name: ORANGE PEEL
Other names: None
Recommended Use: Heavy duty hard surface cleaner.

EMERGENCY TELEPHONE NO: POISONS INFORMATION CENTRE **13 1126** OR (08) 8347 0040

2. HAZARD IDENTIFICATION

Classification of the substance:

Eye irritation – category 2A
 Specific target organ toxicity – Category 3
 Hazardous to the aquatic environment (acute) - category 1

Label elements

Pictograms:



Signal word: Warning

Hazard statements:

- H305: May be harmful if swallowed and enters airways
- H320: Causes eye irritation
- H335: May cause respiratory irritation
- H402: Harmful to aquatic life.

Precautionary Statements:

- P262: Do not get in eyes, on skin, or on clothing.
- P280: Wear protective gloves, protective clothing, eye protection and face protection.
- P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- P337+313: If eye irritation persists get medical attention.
- P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
- P362+364: Take off contaminated clothing and wash it before reuse.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	Proportion (w/v)	CAS Number
d-Limonene	<10%	5989-27-5
Ethanol (denatured)	<10%	64-17-5
Proprietary surfactant blend	10-30%	Not classified as hazardous
Sequestrants	<10%	Not classified as hazardous
Other ingredients not classified as hazardous	<10%	Not classified as hazardous
Water	balance	7732-18-5

4: FIRST AID MEASURES

For Advice, contact a Poisons Information Centre on 13 1126 (Australia wide) or a doctor.

- Swallowed:** If swallowed, do NOT induce vomiting.
- Eye:** If in eyes, wash out with water.
- Skin:** If skin contact occurs, remove contaminated clothing and wash off with running water. Launder clothing prior to re-use.
- Inhaled:** Not normally an inhalation hazard. If affected, remove from contaminated area. Apply artificial respiration if not breathing. If any suspicion of aspiration into lungs (e.g. after swallowing and vomiting) seek urgent medical assistance.
- Advice to doctor:** Treat symptomatically.

5: FIRE FIGHTING MEASURES

Non-flammable

- Specific Hazards:** No specific hazards known. If strongly heated in a fire, decomposition products may include oxides of carbon.
- Extinguishing Media:** Water spray. (Non-flammable.)
- Unsuitable Extinguishing Media:** None known or expected.
- Protective Equipment for Firefighters:** Wear full protective clothing and self-contained breathing apparatus.
- Additional Advice:**
- Hazchem Code** No Hazchem code is set for this product under ADG code.

6: ACCIDENTAL RELEASE MEASURES

Observe all relevant local, federal and international regulations.

Protective measures: Spills are slippery. Clean up all spills promptly. For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. For guidance on disposal of spilled material see Chapter 13 of this Material Safety Data Sheet. Shut off all leaks if this is possible without personal risk. Contain to prevent environmental contamination. Prevent from spreading or entering drains, ditches or rivers using sand, earth or other inert barriers.

Spills: For small liquid spills (< 1 drum), mop up all possible material and place in a sealable container for disposal. Rinse off remainder with water. Dispose in accordance with Federal, State and Local regulations.

For large spills (> 1 drum), transfer by mechanical means, such as vacuum truck, to a salvage tank for recovery or safe disposal. Rinse off remaining residue with water. Dispose in accordance with Federal, State and Local regulations.

7: HANDLING AND STORAGE

- Precautions:** No specific precautions required.
- Storage:** Store, tightly sealed, away from foodstuffs and strong oxidising agents. Ensure containers are correctly labelled, protected from potential damage and properly sealed when not in use.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits: No exposure limits available for this product, however for its ingredients, limits are as follows:

	TWA (ppm)	TWA (mg/m3)	STEL (ppm)	STEL (mg/m3)
Ethanol	1,000	1,880	-	-

Recommended Minimum Personal Protective Equipment:

EYE PROTECTION: Approved safety glasses recommended to prevent eye contact.

GLOVE TYPE: Impervious PVC or rubber recommended.

RESPIRATOR: Not required under normal use conditions. If using in a confined space where ventilation is inadequate, wear a respirator fitted with cartridges approved for organic vapours or supplied air breathing apparatus.

OTHER: Not required under normal use conditions or foreseeable mis-use.

9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, orange, mobile liquid with citrus fragrance.
Boiling Point	78°C
Vapour Pressure	not determined
Specific Gravity	1.0g/cm ³ approx.
Flash Point	not determined (> 61°C)
Solubility in water	Miscible in all proportions
pH	10.0 (±0.3) neat

10: STABILITY AND REACTIVITY

Chemical Stability: Stable under ambient storage conditions.

Conditions to Avoid: Avoid storing at temperatures above 40°C and below 4°C.

Material to Avoid: Do not mix with other chemicals, especially strong oxidizing agents.

Decomposition: If heated to decomposition, e.g. in a fire, oxides of carbon may be evolved.

Hazardous Reactions: No hazard reactions known or expected.

11: TOXICOLOGICAL INFORMATION

Possible Health Effects:

Acute:

Swallowed: May be irritant. Ingestion of large quantities may induce gastrointestinal irritation. Aspiration during swallowing, or vomiting may severely affect lungs.

Eye: May be irritant causing redness and soreness.

Skin: May be irritant. Chronic exposure to this product may result in drying and possible dermal effects. If affected, discontinue use.

Inhaled: Not normally an inhalation hazard. If using in a confined space where ventilation is inadequate, vapours may be irritant to the respiratory tract. If aspirated into lungs, e.g. after swallowing and vomiting, serious, chemically induced pneumonitis may occur (this is an effect common to all surfactants and solvents).

Toxicity Data:

No data exists for this product or its ingredients.

12: ECOLOGICAL INFORMATION

- Environment:** Avoid release to the environment. Refer to Chapter 6 of this Material Safety Data Sheet.
- Ecotoxicity:** As is the case with all surfactant and solvent based systems, un-biodegraded material is likely to be acutely toxic to fish and other aquatic organisms. Considered to have a low impact on the environment under normal use conditions.
- Persistence/Degradability:** This product is phosphate free and contains surfactants that are readily biodegradable according to standard test methods. The solvents contained in ORANGE PEEL are derived from plant-based, renewable resources.

13: DISPOSAL CONSIDERATIONS

- Waste Disposal:** Wear protective equipment. Refer to local authorities to ensure compliance with legislative requirements for correct disposal. Recover and recycle if possible.
- Container Disposal:** Drain container thoroughly. After draining, rinse with water.
- Local Legislation:** Disposal should be in accordance with applicable regional, nation and local laws and regulations. Local regulations may be more stringent than regional or national requirements and must be complied with.

14: TRANSPORT INFORMATION

Not classified as a Dangerous Good according to the criteria of the ADG Code.

- UN Number** none allocated
Proper Shipping Name: none allocated
- DG Class** not classified as a dangerous good.
Subsidiary Risk Class none
Packaging Group none
Hazchem Code No Hazchem code allocated (non-hazardous product)

- Storage and Transport:** Transport in original container or one that is correctly labelled. Store away from food stuffs and in accordance with government regulations. Keep container tightly closed when not in use.

15: REGULATORY INFORMATION

- Poisons Schedule:** Not a Scheduled poison - According to the criteria of the Poisons Standard 2021.
- AICS:** All ingredients listed on the Australian Inventory of Chemical Substances.

16: OTHER INFORMATION

SDS Revision Date: October 2021
Reason for up-date: Scheduled maintenance.