
Emulsifier

Classification of Product:

Classified as **HAZARDOUS** according to criteria of the Globally Harmonised System of Classification and Labelling of Chemicals 3rd Revised Edition.

1. IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

- a. Product name: Emulsifier
 - b. Other means of identification: N/A
 - c. Recommended use of the chemical
Handwashing crockery and kitchenware
 - d. Manufacturer details:
Dalcon Hygiene
36 Victoria St Smithfield
NSW 2164
Australia
PH: (02) 9604 1155
FAX: (02) 9604 9055
Email: admin@dalconhygiene.com.au
 - e. Poisons information centre: 13 11 26 (Australia)
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2. HAZARD(S) IDENTIFICATION

- a. Classification of the chemical:
Skin Irritation – Category 2
Eye Irritation - Category 2A
Acute Aquatic Toxicity - Category 2
Chronic Aquatic Toxicity - Category 2
- b. Signal word: **WARNING**

c. Pictogram(s): exclamation



d. **Hazard statement(s):**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects

e. **Precautionary Statement(s):**

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.

Prevention:

P264 Wash hands thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P273 Avoid release to the environment.

P280 Wear protective gloves / protective clothing / eye protection / face protection.

Response:

P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P330 Rinse mouth.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P362 Take off contaminated clothing and wash before reuse.

P363 Wash contaminated clothing before re-use.

P321 Specific treatment (see First Aid Measures on Safety Data Sheet).

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/physician

Disposal:

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

Poisons Schedule (SUSMP): S6 Poison

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Components	CAS number	Proportion	Hazard Codes
	9016-45-9	>60%	H315 H319 H411
Non-Hazardous components	-	10-30%	-

4. FIRST-AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor.

Inhalation:

Remove victim from area and to fresh air. Remove contaminate clothing. Allow patient to rest until fully recovered. If symptoms are moderate-severe or patient still feels unwell, seek medical attention immediately.

Skin Contact:

If spilt on large areas of skin or hair immediately drench with running water and remove contaminated clothing. If irritation occurs or patient feels unwell, seek medical attention immediately.

Eye Contact:

Immediately flush the eyes with running water for at least 15 minutes, holding the eyelids open. Remove clothing if contaminated and wash skin. Seek medical attention immediately.

Ingestion:

Rinse mouth with water. If swallowed, do not induce vomiting. Give a glass of water and seek medical attention immediately.

Indication of immediate medical attention and special treatment needed:

Treat symptomatically, can cause eye damage.

5. FIRE-FIGHTING MEASURES

a. Suitable extinguishing equipment:

Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).

b. Specific hazards arising from the chemical

None known

c. Special protective equipment and precautions for fire fighters:

On burning may emit toxic fumes, including those of oxides of carbon, and oxides of sulphur. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

6. ACCIDENTAL RELEASE MEASURES

a. **Personal precautions, protective equipment and emergency procedures:**

Slippery when spilt, avoid accidents and clean up immediately.

Shut off all possible sources of ignition.

Clear the area of personnel.

Avoid breathing in the fumes. Wear protective eye goggles and gloves.

b. **Environmental precautions:**

Keep away from drains and surface and ground water

c. **Methods and materials for containment and cleaning up:**

Containment: Store in a bunded area.

Clean up procedures: Wear protective eye goggles and gloves. Clean up using absorbent material and dispose of as outlined in section 13.

7. HANDLING AND STORAGE

a. **Precautions for safe handling**

Avoid skin and eye contact and breathing in vapour, mists and aerosols. Use in a well-ventilated area.

Keep out of reach of children.

Avoid eating, drinking or, smoking when using this chemical.

Wash hands after use.

Remove contaminated clothing and protective equipment after using chemicals and before entering eating areas.

b. **Conditions for safe storage, including incompatibilities.**

Store in cool place and out of direct sunlight.

Store in a bunded area.

Store away from foodstuffs.

Store away from incompatible materials described in Section 10.

Keep containers closed when not in use - check regularly for leaks.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

a. **Control Parameters:**

No value assigned for this specific material by safe work Australia.

b. **Engineering controls:**

Ensure adequate ventilation.

Keep containers closed when not in use

c. **Individual Protection measures:**

When handling this chemical, individuals should wear safety goggles, eye protection and plastic overalls.

9. PHYSICAL AND CHEMICAL PROPERTIES

- a. Physical state: Liquid
 - b. Colour: Clear Liquid
 - c. Odour: Faint
 - d. pH: 6-8
 - e. Melting point/freezing point: 0°C
 - f. Initial boiling point and boiling range: 100°C
 - g. Flash point: >157 (Open cup)
 - h. Flammability: no data available
 - i. Vapour pressure: <0.011 kPa
 - j. Relative density: no data available
 - k. Solubility: Miscible in water
 - l. Partition coefficient: n-octanol/water
 - m. Decomposition temperature: no data available
 - n. Viscosity: 355 cP @ 20°C
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10. STABILITY AND REACTIVITY

- a. Reactivity: no data available
 - b. Chemical stability: Stable
 - c. Possibility of Hazardous reactions: no data available
 - d. Conditions to avoid: Avoid contact with foodstuffs. Only mix with water
 - e. Incompatible materials: Incompatible with metal
 - f. Hazardous decomposition products: Oxides of carbon. Oxides of sulfur.
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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:

Ingestion:

Swallowing can result in nausea, vomiting, diarrhoea, and gastrointestinal irritation.

Skin corrosion/irritation:

Contact with skin may cause irritation. May cause skin sensitisation in sensitive individuals. Repeated or prolonged skin contact may lead to allergic contact dermatitis.

Serious eye damage/irritation:

A severe eye irritant. Contamination of eyes can result in permanent injury.

Respiratory or skin sensation:

Breathing in mists or aerosols may produce respiratory irritation.

12. ECOLOGICAL INFORMATION

- a. Ecotoxicity: Avoid contaminating waterways
- b. Persistence and degradability: This material is not biodegradable
- c. Bio-accumulative potential: No known evidence of bio-accumulation
- d. Aquatic toxicity: Toxic to aquatic organisms. May cause long lasting harmful effects to aquatic life.
96hr LC50 (fish): 2.4-2.8 mg/L

13. DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority. Dispose of containers in accordance with local/regional/national/international regulations. Dispose of material through a licensed waste contractor. Decontamination and destruction of containers should be considered.

Do not allow waste to enter waterways.

14. TRANSPORT INFORMATION

Road and Rail Transport

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; DANGEROUS GOODS. Environmentally Hazardous Substances meeting the descriptions of UN 3077 or 3082 are not subject to the provisions of the Australian Code for the Transport of Dangerous Goods by Road and Rail when transported by road or rail in packaging, IBC's, or any other receptacle not exceeding 500 kg(L).



UN No: 3082

Transport Hazard Class: 9 Miscellaneous Dangerous Goods

Packing Group: III

Proper Shipping Name or

Technical Name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (NONYL PHENOL ETHOXYLATE)

Hazchem or Emergency Action

Code: 3Z

Marine Transport

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; DANGEROUS GOODS.

UN No: 3082

Transport Hazard Class: 9 Miscellaneous Dangerous Goods

Packing Group: III

Proper Shipping Name or

Technical Name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (NONYL PHENOL ETHOXYLATE)

IMDG EMS Fire: F-A

IMDG EMS Spill: S-F

Marine Pollutant Yes

Air Transport

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods

Regulations for transport by air; DANGEROUS GOODS.

UN No: 3082

Transport Hazard Class: 9 Miscellaneous Dangerous Goods

Packing Group: III

Proper Shipping Name or

Technical Name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (NONYL PHENOL ETHOXYLATE)

15. REGULATORY INFORMATION

This Material is hazardous according to Safe Work Australia; **Hazardous Substance**

Classification of the substance or mixture:

Skin Irritation - Category 2

Eye Irritation - Category 2A

Acute Aquatic Toxicity - Category 2

Chronic Aquatic Toxicity - Category 2

Hazard Statement(s):

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.

Poisons Schedule (SUSMP): None allocated.

16. OTHER RELEVANT INFORMATION

This Safety Data Sheet (SDS) has been prepared by Dalcon Hygiene

Reason(s) for Issue:

- Alignment to GHS requirements

This SDS summarises to the best of our knowledge at the date of issue, the chemical health and safety hazards of the material and provides general guidelines on how to safely handle the material. Dalcon Hygiene cannot anticipate or control the conditions by which the product may be used,

stored and transported, therefore, each user must, prior to usage, assess and control the possible risks.

If clarification or further information is required, the user should contact Dalcon Hygiene at the contact details in section 1d.

By using this product, the user agrees that they have read and understood this SDS, and, knowing the risks associated with the product, wish to use the product.