

Safety Data Sheet

Revision Date: 24.02.25

Print Date: Monday, 24 February 2025

Ammoniated Floor Cleaner

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: Ammoniated Floor Cleaner
 - b. Other means of identification: Floor Cleaner
 - c. Recommended use of the chemical:
Cleaning floors and walls.
 - 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)
-

2. HAZARD(S) IDENTIFICATION

- a. Classification of the chemical:
Acute Oral Toxicity – Category 4
Skin Irritation/corrosion – Category 1C
Skin Sensitisation – Category 1
Eye Damage Category 1
Specific Target Organ Toxicity (single exposure) – Category 3
- b. **Signal word: Warning**

c. Pictogram(s): Exclamation



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

H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H335 May cause respiratory irritation
H400 Very toxic to aquatic life

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:

P260 Do not breathe mist / vapours / spray.
P264 Wash hands thoroughly after handling.
P270 Do not eat, drink, or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release into the environment
P280 Wear protective gloves / protective clothing / eye protection / face protection.

Response:

P301+P330+P331 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/ shower.
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312: Call a POISON CENTER or doctor if you feel unwell.
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
P391: Collect spillage.

Storage:

P403+233: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

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
H2O	7732-18-5	>60%	-
Ammonia, aqueous solution	1336-21-6	6%	H314, H335, H400
Dodecylbenzene sulfonic acid	27176-87-0	<5%	H302, H315, H317, H318
Coconut Diethanolamine	68603-42-9	<5%	H315, H318, H412
Sodium Hydroxide	1310-73-2	<1%	H290, H314
Colour and perfume	-	<5%	-
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 or has difficulty breathing, seek medical attention immediately.

Skin Contact:

If spilt on large areas of skin or hair immediately drench with running water and remove contaminated clothing. Continue to wash skin with soap and water for at least 15 minutes. 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. If present and able to do so, remove contact lenses and continue rinsing. 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 severe eye damage. Following severe exposure, the individuals should be kept under medical supervision for at least 48 hours.

5. FIRE-FIGHTING MEASURES

Non-Combustible liquid

a. **Suitable extinguishing equipment:**

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

Hazchem or Emergency Action Code: 2X

b. **Specific hazards arising from the chemical**

May form flammable vapour mixtures with air. Avoid all ignition sources.

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. Contains Ammonia which decomposes into flammable hydrogen gas at approximately 450°C. May form flammable mixtures in air. Risk of closed containers exploding due to rapid heating, generating ammonia gas. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion. If possible, remove containers from the fire area, otherwise, keep containers cool with water spray.

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 gear to prevent breathing fumes. Wear protective eye goggles and gloves.

Work up wind or in a well-ventilated area.

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, fumes and aerosols. Use outside or 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. However, for the constituent Ammonia: 8hr TWA = 17mg/m³ (25ppm), 15min STEL = 24mg/m³ (35ppm)

b. **Engineering controls:**

Ensure adequate ventilation. Exhaust ventilation is recommended for maintaining air concentrations below workplace exposure standards.

Keep containers closed when not in use

c. **Individual Protection measures:**

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

9. PHYSICAL AND CHEMICAL PROPERTIES

a. Physical state: Liquid

b. Colour: Pink Opaque

c. Odour: Ammonia

d. pH: 9.5-10.5

e. Melting point/freezing point: 0°C

f. Initial boiling point and boiling range: 100°C

g. Flash point: N/A

h. Flammability: N/A

- i. Vapour pressure: N/A
- j. Relative density: N/A
- k. Solubility: Miscible in water
- l. Partition coefficient: n-octanol/water
- m. Decomposition temperature: N/A
- n. Viscosity: N/A

10. STABILITY AND REACTIVITY

- a. Reactivity: Reacts with metals and acids
- b. Chemical stability: May form explosive compounds with mercury, halogens and hypochlorites. Reacts exothermically with strong mineral acids.
- c. Possibility of reactions: May react with metals
- d. Conditions to avoid: Avoid exposure to heat and light. Avoid contact with foodstuffs. Only mix with water.
- e. Incompatible materials: Incompatible with metal, peroxides, metal salts, acids and reducing agents.
- f. Hazardous decomposition products: Oxides of carbon. Oxides of sulfur. Hydrogen.

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 and possible burns.

Skin corrosion/irritation:

Contact with skin may cause severe irritation, may cause skin burns. 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. Contact with eyes can result in permanent injury.

Respiratory or skin sensation:

Breathing in mists or aerosols may produce respiratory irritation. Inhalation of high concentrations may result in shortness of breath, chest pain, severe headaches and lung damage including pulmonary oedema. Effects may be delayed.

Acute toxicity: For the constituent ammonia: Oral LD50 (rat): 350mg/kg (1). Chronic exposure to ammonia may cause chemical pneumonitis and kidney damage.

12. ECOLOGICAL INFORMATION

- a. Ecotoxicity: Avoid contaminating waterways.
 - b. Aquatic toxicity: For the constituent Ammonia: toxic to aquatic organisms, 96hr LC50 (rainbow trout): 0.53mg/L (for ammonia)(2).
 - c. Persistence and degradability: This material is biodegradable
 - d. Bio-accumulative potential: No known evidence of bio-accumulation
-

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

NOT CLASSIFIED AS A DANGEROUS GOOD ACCORDING TO LAND TRANSPORT RULE: DANGEROUS GOODS 2005; NZS 5433:2012, UN, IMDG OR IATA

UN No: None allocated

Transport Hazard Class: None allocated

Packing Group: None allocated

Proper Shipping Name or Technical Name: None allocated

Hazchem or Emergency Action Code: None allocated

NOT CLASSIFIED AS A DANGEROUS GOOD ACCORDING TO SEA TRANSPORT RULE: DANGEROUS GOODS 2005; NZS 5433:2012, UN, IMDG OR IATA

UN No: None allocated

Transport Hazard Class: None allocated

Packing Group: None allocated

Proper Shipping Name or Technical Name: None allocated

IMDG EMS Fire: None allocated

IMDG EMS Spill: None allocated

NOT CLASSIFIED AS A DANGEROUS GOOD ACCORDING TO AIR TRANSPORT RULE: DANGEROUS GOODS 2005; NZS 5433:2012, UN, IMDG OR IATA

UN No: None allocated

Transport Hazard Class: None allocated

Packing Group: None allocated

Proper Shipping Name or Technical Name: None allocated

15. REGULATORY INFORMATION

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

Classification of the substance or mixture:

Acute Oral Toxicity – Category 4

Skin Irritation/corrosion – Category 1C

Skin Sensitisation – Category 1

Eye Damage Category 1

Specific Target Organ Toxicity (single exposure) – Category 3

Hazard Statement(s):

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H335 May cause respiratory irritation

H400 Very toxic to aquatic life

Poisons Schedule (SUSMP): S6 Poison.

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.