

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Product Name: Mosgo Path & Patio Cleaner

Product Number(s): P2311 (2.5L), P2312 (5L)

1.2 Relevant identified uses of the substance or mixture and uses advised against

Path & Patio Cleaner

1.3 Details of the supplier of the safety data sheet

Hygeia Chemicals Limited, Carrowmoneash, Oranmore, Co. Galway

Tel: 091-794722

Fax: 091-794738

email: services@hygeia.ie**1.4 Emergency telephone number**

National Poisons Information Centre (Tel: 01-8379964) (Fax: 01-8368476)

Section 2: Hazards Identification**2.1 Classification according to Regulation (EC) 1272/2008 [EU-GHS/CLP]**

Eye Dam. 1, H318

Aquatic Chronic 3, H412

2.2 Label Elements**Labelling according to Regulation (EC) No 1272/2008 (CLP):****Hazard pictogram:**

GHS05: Corrosive

Signal words:

Danger

Hazard statements:

H318: Causes serious eye damage

H412: Harmful to aquatic life with long lasting effects

Precautionary statements:

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

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

P273: Avoid release to the environment

P501: Dispose of contents/container to an approved waste disposal plant

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

2.3 Other hazards

At elevated temperatures the product may react with metals to produce Hydrogen Gas, the product may corrode aluminium and may react with sodium hypochlorite to produce noxious gases

Section 3: Composition/information on ingredients

3.1 Substances

Not Available

3.2 Mixtures

Name	No.	Classification	% Wt.
Mineral Acid Salt of Organic Amide	CAS No: 506-89-8 EC No: 208-059-6	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Dam. 1: H318	0 - 5%
Fatty Amines Derivaties	CAS No: 61791-46-6 EC No: 263-179-6	Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 1: H400	0 - 5%
Ethoxylated Alkylamines	CAS No: 61791-44-4 EC No: 263-177-5	Skin Corr. H314; Acute Tox. 4: H302; Aquatic Chronic 1: H400	0 - 5%

Section 4: First Aid Measures

4.1 Description of First Aid Measures

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 mins. Consult an Eye Specialist. (Show this Safety Data Sheet)

Skin Contact: Remove all contaminated clothing immediately. After contact with skin, wash immediately with soap and water. Seek medical attention immediately. (Show this Safety Data Sheet)

Ingestion: Rinse mouth immediately with water and drink plenty of water. Obtain medical attention immediately. (Show this Safety Data Sheet). Do not induce vomiting without medical advice

Inhalation: Remove to fresh air immediately. If breathing is irregular or stopped, administer artificial respiration. Give oxygen, first-aider needs to protect him/herself. Seek medical attention immediately (Show this Safety Data Sheet)

4.2 Most important symptoms and effects, both acute and delayed

Inhalation: Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system

Eye Contact: May cause irritation to eyes

Skin Contact: May cause irritation to skin

Ingestion: Ingestion may cause nausea and vomiting

4.3 Indication of any immediate medical attention and special treatment needed

Inhalation: If you feel unwell, seek medical advice (show the label where possible)

Eye Contact: Seek medical attention

Skin Contact: Seek medical attention if irritation or symptoms persist

Ingestion: If you feel unwell, seek medical advice (show the label where possible)

Section 5: Firefighting Measures

-
- 5.1 Extinguishing media**
Suitable Extinguishing Media: Dry Powder, Water Spray, Foam
- 5.2 Special hazards arising from the substance or mixture**
May give off toxic fumes
- 5.3 Advice for firefighters**
Wear suitable protective clothing, gloves and eye/face protection

Section 6: Accidental Release Measures

- 6.1 Personal precautions, protective equipment and emergency procedures**
In accordance with usual principles of good practices, gloves and goggles should be worn
- 6.2 Environmental precautions**
Product should not be allowed to enter sewers or watercourses
- 6.3 Methods and material for containment and cleaning up**
Absorb spill in sand or sawdust
- 6.4 Reference to other sections**
Not Available

Section 7: Handling and Storage

- 7.1 Precautions for safe handling**
Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing
- 7.2 Conditions for safe storage, including any incompatibilities**
Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place to which children do not have access
- 7.3 Specific end use(s)**
No data Available

Section 8: Exposure Controls/Personal Protection

- 8.1 Control Parameters**
In accordance with usual principles of good practice, gloves and goggles should be used when applying Mosgo Path & Patio Cleaner
- 8.2 Exposure Controls**
Personal Protection Equipment
- | | |
|------------------------------------|--|
| Respiratory Protection: | Ensure adequate ventilation of the working area. In case of vapour formation use a respirator with an approved filter |
| Hand Protection: | Wear chemical resistant gloves |
| Eye Protection: | In case of splashing wear approved safety goggles |
| Skin & Body Protection: | Wear protective clothing |
| Hygiene Measures: | Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing and gloves, including the inside, before re-use |
- Environmental Exposure Controls**
- | | |
|------------------------|-------------------|
| General Advice: | No data available |
|------------------------|-------------------|

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance:	Clear liquid
Odour:	Mild
pH:	0.81 @ 20°C (typical)
Specific Gravity:	1.026 g/ml @ 20°C (typical)
Boiling Point:	No data available
Flash Point:	No data available
Auto Ignition Temp.:	No data available
Flammability:	No data available
Solubility:	Soluble in water

9.2 Other information

Not Available

Section 10: Stability and Reactivity

10.1 Reactivity

Stable under normal conditions

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

May be corrosive to metals

10.4 Conditions to avoid

Powerful oxidants, strong acids and organohalogenated compounds

10.5 Incompatible materials

Alkalis

10.6 Hazardous decomposition products

Possible formation of carbon oxides, nitrogen oxides and hazardous organic compounds

Section 11: Toxicological Information

11.1 Information on toxicological effects

Acute Oral Toxicity (LD₅₀): 1121 mg/kg (Mineral Acid Salt of Organic Amide)

Acute Dermal Toxicity (LD₅₀): No data available

Skin Irritation: May cause irritation to skin

Eye Irritation: Causes serious eye irritation

Respiratory or Skin No data is available on this product

Sensitization:

Germ Cell Mutagenicity: No data is available on this product

Carcinogenicity: No data is available on this product

Reproductive Toxicity: No data is available on this product

Section 12: Ecological Information

12.1 Toxicity

No data available on this product

12.2 Persistence and Degradability

No data available on this product

12.3 Bioaccumulative Potential

No data available on this product

- 12.4 Mobility in Soil**
No data available on this product
- 12.5 Results of PBT and vPvB Assessment**
No data available on this product
- 12.6 Other Adverse Effects**
Harmful to aquatic life with long lasting effects

Section 13: Disposal Considerations

- 13.1 Waste treatment methods**
- Product Disposal:** Dispose of according to local and national regulations
- Container Disposal:** Triple rinse containers with water and dispose of according to local and national regulations

Section 14: Transport Information

NOT CLASSIFIED AS HAZARDOUS FOR ROAD TRANSPORT

- 14.1 UN number**
- 14.2 UN Proper shipping Name**
- 14.3 Transport Hazard Class(es)**
- 14.4 Packing Group**
- 14.5 Environmental Hazards**
- 14.6 Special Precautions for User**
- 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Section 15: Regulatory Information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
This data sheet complies with the requirements of Regulation (EC) No. 1907/2006
- 15.2 Chemical safety assessment**
A chemical safety assessment was not carried out

Section 16: Other Information

Text of Phrases mentioned in Sections 2 and 3:

Full text of H-Statements:

- H302** Harmful if swallowed
- H314** Causes severe skin burns and eye damage
- H315** Causes skin irritation
- H318** Causes serious eye damage
- H400** Very toxic to aquatic life

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, release and is not to be considered a warranty of quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.