


| | | |
|--|---|---|
| MATERIAL SAFETY DATA SHEET According to Directive 2001/59/EC | |  |
| REVISION : 7th March 2018 | PRINT DATE : 7th March 2018 | |

1. Identification of Substance / Preparation and Company.

Product Name : Platinum Moss & Algae Cleaner Concentrate

Company : Platinum Building Chemicals Ltd
Unit 65 Colvilles Place
Kelvin Industrial Estate
East Kilbride, Glasgow
Lanarkshire
G75 0PZ

Telephone : 01355 222 777
Fax : 01355 222 715

2. Composition / Information on Ingredients.

Description : An blend of quaternary ammonium compounds, non-ionic surfactant

| Hazardous Ingredients | CAS No. | % Range | Hazard | Risk No. |
|--------------------------|------------|---------|-----------|------------|
| Surfactant Blend | 00000-00-0 | < 5 | Irritant | 41 |
| Benzyl Ammonium Chloride | 68391-01-5 | > 5 | Corrosive | 22, 34, 50 |

3. Hazards Identification.

This product is classified as **IRRITANT** under the Chemicals Hazard Information and Packaging regulations 2002.

4. First Aid Measures.

Inhalation : In case of accident by inhalation : remove casualty to fresh air And rest. If symptoms persist seek medical advice.

Eye Contact : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Skin Contact : After contact with skin, wash immediately with plenty of soap and water. For persistent irritation seek medical advice.

Ingestion : If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.

5. Fire Fighting Measures.

This product is not flammable. However, toxic fumes (oxides of carbon) may be evolved in the event of a fire. Treat fires with dry chemical, foam or water spray. Wear protective clothing and self-contained breathing apparatus. Prevent large amounts of run-off from entering water course or drains.

6. Accidental Release Measures.

Wear suitable protective equipment (see section 8). Clean up spillage with inert absorbent material and place in a suitable container for safe disposal. Wash area down with water. Dispose of waste material and contaminated containers via normal waste collection. Large volumes of this product should not enter drainage or sewerage systems. Spillages will make surfaces very slippery. Clean spill area and any tools used thoroughly. Collect washings and dispose of as contaminated waste. Warn others of hazard until surface is dry.

7. Handling and Storage.

Keep out of the reach of children.
Do not breath spray mist.
Avoid contact with skin.
Avoid contact with eyes.
Do not empty into drains.
This material and its container must be disposed of in a safe way.

8. Exposure Controls / Personal Protection.

Always consult the label before use.

Ingredient :

PPE :

| | |
|-----------------------|--|
| Respirator | Not normally required. However, recommended if you are sensitive to vapours. |
| Gloves | Impervious, recommended. |
| Eye / Face Protection | Safety goggles recommended. |
| Protective Clothing | Coveralls recommended. |

9. Physical and Chemical Properties.

| | |
|-----------------------|------------------------------|
| Appearance : | Green Liquid |
| Odour : | Characteristic |
| Active : | 5% Benzyl Ammonium Chloride. |
| Solubility in Water : | Soluble |
| pH : | 7.0 – 9.0 |
| SG : | 0.990 – 1.010 g/ml |

10. Stability and Reactivity.

Product is stable under normal conditions. Avoid mixing with other chemicals unless instructed to do so.

11. Toxicological Information.

| | |
|---------------------------|---------------------------------------|
| Eye Irritation : | Risk of serious damage to eyes. |
| Skin Irritation : | This product may irritate skin. |
| Skin Sensitiser : | No |
| Oral LD ₅₀ : | >200mg/kg (Benzyl Ammonium Chloride) |
| Dermal LD ₅₀ : | >2000mg/kg (Benzyl Ammonium Chloride) |

This product has not been tested. The data has been calculated using data from the individual components.

12. Ecological Information.

Ecotoxicity :

| | |
|----------------|---------------|
| Algae (72Hr) | IC50 <1mg/L |
| Daphnia (48Hr) | EC50 <1mg/L |
| Fish (96Hr) | LC50 1-10mg/L |

>90% Biodegradable (EEC 82/243)

This product has not been tested. The data above is that of Benzyl Ammonium Chloride.

13. Disposal Considerations.

Empty container must be washed out thoroughly and cut before disposal by land fill. The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. Transport Information.

Proper Shipping Name :

UN No. :

Packaging Group :

ADR Class :

ADR Item No. :

HI No. :

IMDG :

Marine Pollutant :

IATA :

15. Regulatory Information.

Hazard Symbols : IRRITANT.



Risk Phrases : R41 – Risk of serious damage to eyes.

Safety Phrases : S2 - Keep out of the reach of children.
S23 - Do not breath spray mist.
S24 - Avoid contact with skin.
S25 - Avoid contact with eyes.
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28 - After contact with skin, wash immediately with plenty of soap and water.
S29 - Do not empty into drains.
S35 – This material and its container must be disposed of in a safe way.
S45 - In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

16. Other Information.

Recommended Uses : Moss & Algae cleaner

Legal Disclaimer : The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.