

Material Safety Data Sheet

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

PRODUCT NAME: **BLOCK RELEASE**

Synonyms: Wetting Agent

CAS-No: None allocated

Molecular Formula: None allocated complex mixture

Recommended Use: Toilet sanitizer

Appearance: Thick green liquid

Supplier: Minehan Agencies Pty Ltd

Address: 29 Camuglia Street GARBUTT Townsville Queensland Australia 4814

Telephone: (07) 4774 4626

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Emergency telephone number: 0408 777 800 (24Hrs Australia)

2. COMPOSITION / INFORMATION ON INGREDIENTS

| CHEMICAL ENTITY: | CAS No | PROPORTION W/W% |
|--|------------|-----------------|
| Alkyl benzyl sodium sulphonate | 68548-22-5 | 5-10% |
| Sodium lauryl ethoxy sulphate | 68585-34-2 | 5-10% |
| Coconut diethanolamide | 68603-42-9 | 5-10% |
| Other ingredients determined not to be hazardous | | to 100% |

3. HAZARDS IDENTIFICATION

| | |
|-----------------------------|----------------|
| UN No. | None allocated |
| Proper Shipping Name | None allocated |
| NOHSC Classification | Not hazardous |
| ADG Classification | Not dangerous |
| Poison Schedule | Not scheduled |
| Hazchem | None allocated |
| Colour | Green |
| Physical Description | Liquid |
| Odour | Faint |

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms that may arise if the product is mishandled and overexposure occurs are:

Acute Effects:

Ingestion: Ingestion of concentrate may irritate mouth, oesophagus and stomach. Headaches and nausea may result.

Eye Contact: Exposure to concentrate may lead to irritation characterised by redness, watering and itching. Avoid contact with eyes.

Skin Contact: In the concentrated form, may cause irritation and redness and with prolonged use may lead to dermatitis.

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Inhalation: Not normally an inhalation risk due to low vapour pressure at ambient temperature and the unlikelihood of forming spray mists.

Long Term Effect: No information available for the product.

4. FIRST AID MEASURES

Poison Information Centres in each State capital city can provide additional assistance for Scheduled Poisons: Phone (Australia 13 1126)

Ingestion: Immediately rinse mouth with water. Do NOT induce vomiting. Seek medical assistance if symptoms persist.

Skin Contact (unwanted): Wash contaminated skin with plenty of water. Remove contaminated clothing and launder before re-use. If swelling, redness, blistering or irritation occurs, discontinue use and seek medical advice.

Eye Contact: Immediately irrigate with copious quantities of water for at least 15minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. If present, remove contact lenses. Transport to hospital or medical centre if symptoms persist.

Inhalation: Remove victim from exposure – avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if symptoms persist.

Notes to Physician: Treat symptomatically. Suggest intubation BEFORE any emesis due to foaming properties of this product

5. FIRE FIGHTING MEASURES

Flammability: Nil

Specific Hazards: Nil

Fire/Explosion Hazards: Nil

Hazardous Decomposition in Products: Not known

Suitable Extinguishing Media: Not combustible, however, if material is involved in a major fire use water fog to keep drums cool. Use foam, CO₂ or dry chemical powder to extinguish fires.

6. ACCIDENTAL RELEASE MEASURES

Wear protective equipment to prevent eye contamination. Contain – prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers for disposal. Wash area down with excess water. If contamination of sewers or waterways has occurred, advise local emergency services.

7. HANDLING AND STORAGE

Storage: Store in a cool, dry place and out of direct sunlight. Store away from foodstuffs. Keep containers closed when not in use. This material is NOT a Scheduled Poison. Handle using good industrial hygiene practices. Clean dispenser regularly.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: No value has been assigned for this specific material by the National Occupational Health and Safety commission (NOHSC).

However, use exposure TWA as a guide:

| Ingredient | TWA | STEL | Notices |
|--------------|-------|------|---------|
| Formaldehyde | 1 ppm | 2ppm | Sen |

TWA – the Time-Weighted Average airborne concentrations over an eight hour working day, for a five day week over an entire working life.

STEL (Short Term Exposure Limit) – the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight hour work day. According to current knowledge, these concentrations should neither impair the health of, nor cause undue discomfort to, nearly all workers.

Sk Notice – absorption through the skin may be a significant source of exposure. The exposure standard is invalidated if such contact should occur.

These exposure standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. Exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Engineering Controls: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards and prevent exposure to vapours, mists and fumes. Use in well ventilated area. Keep containers closed when not in use.

Personal Protection Equipment

Respirator Type (AS 1716): If inhalation risk exists, wear organic vapour respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

Eye Protection: Safety glasses with side shields or goggles should be worn as described in Australian Standard AS/NZS 1337 – Eye Protectors for Industrial Applications.

Glove Type: Impervious PVC or rubber gloves should be worn.

Clothing: Suitable protective clothing should be worn eg: cotton overalls buttoned at neck and wrist.

Work/Hygienic Practices: Avoid skin and eye contact. Always wash hands before smoking, eating, drinking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | | |
|------------------|--------------------|--|----------------------|---------------------------|
| Physical State | Thick Liquid | | Water Solubility | Dispersible |
| Colour | Green | | Vapour Pressure | NA |
| Odour | Mild | | Vapour Density | NA |
| Boiling Point | 100 °C | | Evaporation Rate | Slower than butyl acetate |
| Melting Point | NA | | % Volatiles | 80% |
| Freezing Point | NA | | Flash Point | Not flammable |
| Specific Gravity | 1.02/ml (water =1) | | Flammability Limits | NA |
| Ph (neat) | 7.5-8.5 | | Ignition Temperature | NA |

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10. STABILITY AND REACTIVITY

Stability: Stable to 38°C

11. TOXICOLOGICAL INFORMATION

Acute toxicity / Chronic toxicity

No LD50 data available for the product.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways, as detergent action will have adverse effect on marine life.

13. DISPOSAL CONSIDERATIONS

Refer to State/Territory Land Waste Management Authority for disposal; show this MSDS for their consideration. Empty containers not to be recycled or used for any other purpose. Dispose in accordance with local regulations.

14. TRANSPORTATION INFORMATION

Not classified Dangerous by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by road or rail.

| | |
|-----------------------------|-----------------|
| UN No | None allocated |
| Proper Shipping Name | None allocated |
| Class | None allocated |
| Packing Group | None allocated |
| Hazchem Code | None allocated |
| EPG | None allocated |
| Poison Schedule | Not scheduled |
| Segregations | No restrictions |

15. REGULATORY INFORMATION

Not a hazardous substance according to criteria of the National occupational Health and Safety Commission (NOHSC)

Not hazardous according to Worksafe Australia Criteria.

Not classified as dangerous by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by road or rail.

Risk Phrase(s)

S-phrase(s) Although the product has not been classified as hazardous, good industrial hygiene suggests the following precautions as being part of an effective risk control procedure.

S2: Keep out of reach of children.

S26: In case of contact with eyes, do NOT rub eyes as this may scratch the cornea, rinse immediately with plenty of water and seek medical advice.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label wherever possible).

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All of the constituents of this material are listed in the Australian Inventory of Chemical Substances.

16. OTHER INFORMATION

Issue Date: April 2011

Reason(s) For Issue: Updated format to comply with NOHSC: 2011(2003).

Literary references:

Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(41999)]

National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011(2003)]

Exposure Standards for Atmospheric Contaminants in the Occupational Environment

Guidance Note [NOHSC:3008(1995)] National Exposure Standards [NOHSC:10005(1999)]

List of Designated Hazardous Substances [NOHSC:10005(1999)]

Standard for the Uniform Scheduling of Drugs and Poison No. 17

The Australian Code for the Transport of Dangerous Goods by Road and Rail EDITION 6

Disclaimer

This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product and in particular how to safely handle and use the product in the workplace.

Since Minehan Agencies Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace i.e. a risk analysis.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact Minehan Agencies Pty Ltd.