

MATERIAL SAFETY DATA SHEET

Section 1 - Product Identification & Use

Product Name: Bio-Block

Product Use: Odour and grease degrader.

WHMIS Classification: Not a Controlled Product

TDG Classification: Non-Regulated Product

Supplier: Advance Chemicals Ltd.

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Emergency phone: CANUTEC 24 hrs (613) 996-6666

Section 2 - Hazardous Ingredients

Hazardous Components % (w/w) C.A.S. No. LD₅₀ & LC50

Viable Bacterial Cultures 60-100 Not Available no data found

Section 3 - Physical Data

Physical state: solid Boiling point: no data

Liquid density: no data Freezing point: no data

pH: not applicable Solubility in water: no data

Vapour pressure: not applicable

Odour & Appearance: The product is a pink solid with a perfumed odour.

Section 4 - Fire or Explosion Hazard

Flammability: The product is not considered to be flammable.

Extinguishing media: Use an extinguishing media for surrounding the fire, or all purpose foam by manufacturer's recommended techniques for large fires. Use water to cool fire exposed containers to prevent vapour build-up and rupture. Water may also be used to flush spills away from dangerous exposures.

Hazardous Combustion Products: None known.

Section 5 - Reactivity Data

Stability: Stable.

Incompatible substances: Concentrated and strong acids or alkalis.

Polymerization: Will not occur.

Conditions to Avoid: Excessive heat, sparks and open flame.

Hazardous Combustion Products: None known.

Section 6 - Toxicological Properties

Acute Toxicity: No data found.

Skin contact: No data found.

Eye contact: Irritation, watering.

Inhalation: No data found.

Ingestion: No data found.

Exposure limits: No data found.

Section 7 - Preventative Measures

Personal Protective Equipment: Avoid contact with eyes. Wear safety goggles with side shields. It is generally recognized that contact lenses should not be worn when working with chemicals because contact lenses may contribute to the severity of eye injury.

Respiratory protection: A respirator is not required if this product is used with adequate ventilation.

Ventilation Requirements: General room ventilation is adequate.

Other Measures: An eye wash and safety shower should be located nearby and ready for immediate use.

Action to take for **spills & leaks:** Wear chemical protective clothing, rubber gloves and suitable respiratory protection. Small spills should be wiped up with absorbent material and disposed of in government approved waste containers. The spill area may then be flushed with large quantities of water. Larger spills should be contained by diking with sand, soil or other absorbent, non-combustible material, then transferred into approved waste containers for proper disposal. Restrict access to non-protected personnel. Comply with all government regulations on spill reporting, and handling and disposal of waste.

Disposal methods: Dispose of contaminated product and materials used in cleaning up spills or leaks in a manner approved for this

material. Consult appropriate federal, provincial and local regulatory agencies to ascertain proper disposal procedures.

Storage & Handling Precautions: Keep container away from excessive heat, sparks and flames. Store in a cool, dry, well ventilated location. Do not store product near incompatible materials. Avoid contact with eyes and repeated contact with skin and clothing⁹. Do not ingest. Keep container tightly closed when not in use.

Repair and Maintenance Precautions: Do not cut, grind, weld or drill in, on or near this container.

Other Precautions: Containers, even those that have been emptied, will retain product residue and vapours. Always obey hazard warnings and handle empty containers as if they were full, and dispose of in an approved manner.

Section 8 - First Aid Measures

If inhaled: Remove victim to fresh air. Give artificial respiration if not breathing. Get immediate emergency medical attention.

In case of eye contact: Immediately flush eyes with clean water for at least fifteen (15) minutes, lifting the upper and lower eye lids occasionally. Get immediate emergency medical attention.

In case of skin contact: Flush skin with plenty of clean running water for at least fifteen (15) minutes. Remove contaminated clothing and shoes. Wash and launder clothes before re-use. If irritation persists after washing, seek medical attention.

In case of ingestion or swallowing: If victim is conscious and medical attention is not immediately available, dilute stomach contents by giving large amounts of water or milk. Do NOT INDUCE VOMITING. Never give anything by mouth to an unconscious victim. Get immediate emergency medical attention.

Section 9 - Preparation Information

Advance Chemicals Limited expressly disclaims all expressed or implied warranties of merchantability and fitness for a particular purpose with respect to the product provided. The information contained herein is offered only as a guide to the handling of this specific product, and has been prepared in good faith by technically knowledgeable personnel. This M.S.D.S. is not intended to be all inclusive, and the manner and conditions of use may involve other and additional considerations.

Prepared by: Advance Chemicals Ltd. phone (604) 533-3901

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