

DATE OF ISSUE 24TH DECEMBER 2007

BARMAC INDUSTRIES PTY LTD
BOX FLAT ESTATE SWANBANK RD. SWANBANK Q 4306

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: BARMAC MSMA HERBICIDE

PHONE: (07) 3280 3000

EMERGENCY AFTER HOURS NUMBER: (07) 3280 3000

Classified as hazardous by Worksafe Australia Criteria

IDENTIFICATION

OTHER NAMES: Monosodium Methyarsenate

USE: A herbicide

UN NUMBER: N/A

HAZCHEM CODE: N/A

DANGEROUS GOODS CLASS: N/A

POISONS SCHEDULE: S7

PHYSICAL DESCRIPTION/PROPERTIES

APPEARANCE: Brown, slightly viscous liquid, pleasant fruity odour.

FLASHPOINT (° C): N/A

BOILING POINT (° C): 100 ° c

VAPOUR PRESSURE (___): N/A

FLAMMABILITY LIMITS (%): N/A

SPECIFIC GRAVITY: Approx. 1.4

SOLUBILITY IN WATER (g/L): Soluble

INGREDIENTS

<u>CHEMICAL ENTITY</u>	<u>CAS NO</u>	<u>PROPORTION</u>
Monosodium Methyarsenate	2613-80-6	72% w/v
Inert Ingredients		28% w/v

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HEALTH HAZARD INFORMATION

HEALTH EFFECTS

ACUTE:

SWALLOWED: Slightly toxic by oral LD₅₀ 2200 mg/Kg for rats.

EYES: Eye contact should be avoided. Will irritate eyes.

SKIN: Skin contact should be avoided. Skin irritation varies from very mild to none depending on the skin sensitivity of the individual.

INHALED: Inhalation should be avoided. LD₅₀ Rats >20 mg/L

CHRONIC: Degree of irritation could increase. Poisoning effects are a salty taste in mouth, burning of throat and stomach and intestinal pains.

FIRST AID

SWALLOWED: If swallowed and if more than 15 minutes from a hospital induce vomiting, preferably using Ipecac Syrup APF. If unconscious give nothing by mouth and do not induce vomiting.

EYES: If in eyes, hold eyelids open, flood with water for at least 15 minutes and see a doctor.

SKIN: If skin contact occurs remove contaminated clothing and wash skin thoroughly.

INHALED: Move victim to fresh air. Seek medical advice.

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FIRST AID FACILITIES: Keep a supply of IPECAC Syrup APF on hand

ADVICE TO DOCTOR: Do not use BAL as antidote. Suspected ingestion can be confirmed by urine analysis for arsenic residue. A value above 0.6 ppm arsenic is indicative of acute poisoning. If arsenical pesticide has been ingested within a few hours of treatment, empty the stomach by intubation, aspiration and lavage. Administer activated charcoal. Administer intravenous fluids to restore hydration, support urine flow and correct electrolyte imbalances.

PRECAUTIONS FOR USE

EXPOSURE STANDARDS: The exposure limit for arsenic is 0.5 mg/m³ (8 hrs TWA)

ENGINEERING CONTROLS: Use in well ventilated area only.

PERSONAL PROTECTION: Use good industrial hygiene. Wear face shield or goggles, elbow length PVC gloves, cotton overalls buttoned to the neck and wrist, washable hat and half face respirator with dust cartridge or canister. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

FLAMMABILITY: Product is a non flammable, non volatile water soluble powder.

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SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT: Material is not classified as a dangerous good for transport purposed. Product should be stored in a cool, dry place and out of direct sunlight. Keep out of reach of children. Store away from food or foodstuffs. Do not store near other pesticides or seed. Keep container tightly closed when not being used.

SPILLS AND DISPOSAL: Contain spills, adsorb and sweep up. Store in sealed drums for disposal. Materials should be disposed in a land fill area approved by local authorities.

FIRE/EXPLOSION HAZARD: If involved in a fire, protective clothing and breathing apparatus should be worn.

NOTICE: Information for this product is believed to be reliable, however buyer and user assume all risk of use, handling and storage whether in accordance with directions or not. Barmac Industries Pty Ltd and its agents give no guarantee or warranty of any kind express or implied concerning the use of this product and will not accept any responsibility whatsoever whether in contract or tort for any loss including consequential loss arising out of the use of this product or caused by this product.
