



MATERIAL SAFETY DATA SHEET

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STATEMENT OF HAZARDOUS NATURE

Not classified as hazardous according to criteria of Worksafe Australia

COMPANY NAME & ADDRESS

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PRODUCT IDENTIFICATION

Product Name : **GROUNDBREAKER SOIL TREATMENT & CLAY BREAKER**
Size : **500mL, 1L, 2.5L, 5L, 20L, 110L & 200L**
U.N. Number : NA
Hazchem Code : NA
Dangerous Goods Class : NA
Poisons Schedule : Schedule 5
Active Constituents : Buffered Polyignosulfonates. (Ion exchange resins and surfactants in buffered solution, ie. pH stable solution.)
Active Constituents Qty : 9.5 g/L

HAZADOUS INGREDIENTS

Material or Component : Sulfuric Acid
Wt % : 4.9%

PHYSICAL PROPERTIES & DESCRIPTION

Appearance : Dark brown, water-like liquid.
Boiling Point (760mmHg) : > 100° C (water only)
Corrosiveness : Undiluted solution is acidic; avoid contact with reactive metals such as zinc.
Evaporation : Negligible at normal temperatures (water only).
Flammability : Non- flammable.
Flash Point (°C) : Not Applicable

Odour	: Distinctive, sharp though mild smell.
pH	: Acidic, < 4.
Solubility (% by wt)	: 100%, in water.
Specific Gravity	: 1.0 - 1.1 Approximately).
Stability	: Very Stable.

HEALTH HAZARD INFORMATION

Health Hazard : Maintain good levels of personal hygiene. Avoid contact with eyes, nose and mouth. Avoid prolonged skin contact, product is acidic.

HEALTH EFFECTS:

Swallowed	: Can cause irritation and possible burns to mouth, throat and stomach.
Eyes	: Mist can cause irritation, soreness and/or reddening of eyes and liquid contact possibly corneal burns.
Skin	: Can cause minor irritation, especially cuts and scratches.
Inhalation	: Prolonged inhalation may cause irritation to upper respiratory tract, including mouth, nose and throat, and headaches.

FIRST AID:

Swallowed	: Do not induce vomiting. Drink plenty of milk (preferred) or water. See a doctor if irritation persists.
Eyes	: Immediately irrigate with copious amounts of water for at least 15 minutes. With continued irritation seek medical attention.
Skin	: Remove contaminated clothing and wash skin and clothes immediately with soap and water.
Inhalation	: Remove to fresh air, rest and drink milk or beaten egg whites. With continued irritation seek medical attention.
Notes to Physician	: Treat symptomatically for low pH.

PRECAUTIONS FOR USE

Personal Protection	: Maintain good levels of personal hygiene and cleanliness. Always pour product into water and never water into the product. Wear eye protection at all times.
Ventilation	: Natural ventilation is usually sufficient. Always ensure adequate air movement by opening doors, windows, etc.
Flammability	: Non-flammable.
Storage	: Shake container before use. Protect container from physical damage.

SAFE HANDLING INFORMATION

Spillage	: Contain spillage and dilute with plenty of water. Collect with mop and bucket. Large spills can be neutralized with alkali such as soda ash or lime. Adequate ventilation is needed when product is neutralized due to the release of carbon dioxide.
Disposal	: After suitable dilution, as per directions on the container label, pour waste onto lawns, garden beds, etc. Where-ever heavy or poorly drained soils occur.
Storage/Transport	: Protect containers from physical damage. Store in tightly closed, original container in a cool, dry, dark place. Avoid extremes of temperature and prolonged exposure to direct sunlight.
Fire Hazard	: None.
Explosion Hazard	: None.

OTHER INFORMATION

This product is biodegradable.

DISCLAIMER

This Material Safety Data Sheet has been developed according to Worksafe Australia / NOHSC Guidelines.

All information is as accurate and up to date as possible. Since Multicrop (Aust.) Pty. Ltd. cannot anticipate or control the conditions under which this information may be used, each user should review the information in the specific context of the intended application. Multicrop (Aust.) Pty. Ltd. will not be responsible for damages of any nature resulting from use of or reliance upon this information.

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