

MATERIAL SAFETY DATA SHEET
SOIL BREAK

SECTION 3. – HAZARDOUS IDENTIFICATION (cont.)

Odour	PLEASANT, CITRUS
Major Health Hazards	EYE IRRITATION, SKIN IRRITATION

POTENTIAL HEALTH EFFECTS

INHALATION

Short term Exposure	NONE
Long term Exposure	Irritation

SKIN CONTACT

Short term Exposure	Slight irritation
Long term Exposure	Severe irritation

EYE CONTACT

Short term Exposure	Moderate irritation
Long term Exposure	Severe irritation

INGESTION

Short term Exposure	Gastrointestinal irritation
Long term Exposure	As for short term exposure

CARCINOGEN STATUS

NOHSC	Not classified
NTP	None
IARC	None

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SECTION 4. – FIRST AID MEASURES

Scheduled Poisons	None
Inhalation	Remove from exposure immediately. Seek medical attention if symptoms persist.
Skin Contact	Remove contaminated clothing immediately. Wash affected area with soap and water. Wash clothing before reuse. Seek medical attention if required.
Eye Contact	Wash eyes immediately with large amounts of water, occasionally lifting upper and lower lids until no evidence of chemical remains. Seek medical attention if irritation remains. Note to physician: NONE
Ingestion	If vomiting occurs, keep head lower than hips to help prevent aspiration. Seek medical help, if required.

SECTION 5. – FIRE FIGHTING MEASURES

Fire and Explosion Hazards	Fire: Not combustible Explosion: None Regular dry chemical, carbon dioxide, water, regular foam.
Extinguishing Media	Large Fires: Use foam or flood with fine water spray.
Flash point	None

SECTION 6. – ACCIDENTAL RELEASE MEASURES

Occupational Release	Wearing proper protective gear sweep up spills and hold in appropriate container for reuse or disposal.
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SECTION 7. – HANDLING AND STORAGE

Storage	Store in cool, dry place. Keep container securely closed when not in use.
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SECTION 8. – EXPOSURE CONTROLS & PERSONAL PROTECTION

Exposure Limits	None available
Ventilation	Based on available information, additional ventilation is not required.
Eye Protection	Safety glasses or goggles should be worn.
Skin Protection	Wear impervious gloves if necessary to prevent skin contact.
Protective Material Types	Butyl Rubber, Natural latex, Neoprene, PVC and Nitrile are all suitable
Respirator	No respirator is required under normal conditions of use.

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SECTION 9. – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Powder
Colour	Off-White
Odour	Pleasant, Citrus
Boiling Point	Not Applicable
Freezing Point	Not Applicable
Vapour Pressure	Not Applicable
Vapour Density	Not Applicable
Specific Gravity	Not Applicable
Water Solubility	Soluble
Ph	Not Applicable
Volatility	Not Applicable
Odour Threshold	Not Available
Evaporation Rate	Not Applicable
Coefficient of Water / Oil Distribution	Not Applicable

SECTION 10. – STABILITY AND REACTIVITY

Reactivity	Stable at normal pressures and temperatures.
Conditions to Avoid	Avoid contact with incompatible materials
Incompatibilities	Strongly acidic materials.
Hazard Decomposition	Thermal decomposition products include oxides of carbon.
Polymerization	Will not polymerize

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SECTION 11. – TOXICOLOGICAL INFORMATION

Local Effects Irritation: skin, eyes, ingestion

Target Organs Skin

Classification of Hazardous Ingredients

Ingredients	R Phrases
Sodium Metasilicate, Anh.	R 36/38
Sodium Carbonate	R 36/38
Dipropylene Glycol Methyl Ether	R 21/22
Alcohol Ethoxylate	R 36/38 R67

Individual Ingredient Information

Sodium Metasilicate, Anhydrous

Irritation Data 250 mg/24 hour skin – human severe, 250 mg/24hrs skin – rabbit severe

Toxicity Data 1153 mg/kg oral – rat LD-50
770 mg/kg oral – mouse LD-50

Local Effects Corrosive: eye, skin, inhalation, ingestion

Acute Toxicity Level Moderate Toxic: ingestion

Alcohol Ethoxylate

Irritation Data None Found

Toxicity Data LD-50 (rat): 1.4 ml/kg
Dermal LD-50 (rat): > 50 gm/kg

Local Effects Irritant: skin, eyes, ingestion

Acute Toxicity Level Moderately toxic: ingestion

SECTION 12. – ECOLOGICAL INFORMATION

Not Available

No single ingredient (over 1%) recognized as environmental pollutant.

SECTION 13. – DISPOSAL CONSIDERATIONS

Dispose in accordance with all applicable regulations.

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SECTION 14. – TRANSPORTATION INFORMATION

ADG Code	None
HAZCHEM Code	None
Special Provision	None
Packaging Group	None
Packaging Method	None

SECTION 15. – REGULATORY INFORMATION

All ingredients present on AICS

SECTION 16. – OTHER INFORMATION

Labeling Details	R 36/38 Irritating to eyes and skin
	S 1/2 Keep locked up and out of reach of children
	S 24/25 Avoid contact with skin. Avoid contact with eyes.
	S 26 In case of contact with eyes, rinse immediately with water and seek medical advice
	S 27 Take off immediately all contaminated clothing
Acronyms	SUSDP Standard for the Uniform Scheduling of Drugs and Poisons
	ADG Code Australian Code for the Transport of Dangerous Goods by Road and Rail
	N.O.S. Not Otherwise Specified
	CAS Chemical Abstracts Service Registry Number
	UN Number United Nations Number
	R-Phrases Risk Phrases
	HAZCHEM Number An emergency action code of numbers and letters which gives information to emergency services.
	NOHSC National Occupational Health and Safety Commission
	NTP National Toxicology Program (USA)
	IARC International Agency for Research on Cancer
	AICS Australian Inventory of Chemical Substances