

SAFETY DATA SHEET

SECTION 1 IDENTIFICATION of the MATERIAL AND SUPPLIER

Product Name: **EF EFFLORESCENCE CLEANER**
Other Names:
Recommended Use: Dissolves mineral deposits (efflorescence)
Product Code: SSE

Supplier Name: Baines Masonry Blocks Pty Ltd
Address: 900 Wilton Road,
Appin, NSW 2560, Australia.
Telephone Number: (02) 46311383
Fax Number: (02) 46311402
Emergency Number: 131126 (Poisons Information Centre)

SECTION 2 HAZARDOUS IDENTIFICATION

Classified as Dangerous Goods according to the Australian Code for Transport of Dangerous Goods by Road and Rail (ADG).

Classified and labelled as a Hazardous chemical according to WHS regulations and the GHS criteria of Safe Work Australia.

HAZARD CLASS HAZARD CATEGORY

Acute Toxicity Oral, Category 4
Acute Toxicity Dermal, Category 4
Acute Toxicity Inhalation, Category 4
Skin corrosion / Irritation, Category 1C
Serious eye damage / Eye irritation, Category 1

HAZARD RISK CLASSIFICATION PICTOGRAM:



SIGNAL WORD: DANGER

HAZARD STATEMENTS:

H302+H312+H332 Harmful if swallowed, in contact with skin or if swallowed
H314 Causes severe skin burns and eye damage
H319 Causes serious eye damage

OTHER HAZARDS WHICH DO NOT RESULT IN CLASSIFICATION

Harmful to aquatic life with long lasting effects

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PRECAUTIONARY STATEMENTS:

PREVENTION:

- P260 Do not breath dusts/fume/gas/mist/vapours or spray.
- P264 Wash hands and any exposed area thoroughly after handling.
- P271 Use only outdoors or in well-ventilated area.
- P280 Wear protective impervious gloves/approved eye protection/face protection.

RESPONSE:

- P301+P310 If swallowed: Immediately call a Poison Centre / doctor.
- P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.
- P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water (or shower).
- P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.
- P312 Call a POISON CENTER/doctor if you feel unwell.
- P321 Specific treatment (see on this label)
- P330 Rinse mouth.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P363 Wash contaminated clothing before reuse.

STORAGE:

- P405 Store locked up.

DISPOSAL:

- P501 Store separately. Dispose of contents/ container in accordance with local/ regional/national /international regulations.

SECTION 3 COMPOSITION / INFORMATION on INGREDIENTS.

COMPONENT	CAS NUMBER	PERCENT	WEIGHT EXPOSURE LIMITS		
			OSHA PEL	ACGIH TLV	OTHER
* Sulfamic Acid	5329-14-6	10-25	15 MG/M3	5 MG/M3	

* Chemical(s) that are chronic health hazards. Refer to section 3 for further information.

PRIMARY ROUTES OF EXPOSURE:

Skin contact.

EFFECTS OF ACUTE EXPOSURE:

EYES: Corrosive to eyes. Contact with eyes may cause severe irritation and burns. Avoid contact with eyes.

SKIN: Prolonged or repeated contact may cause irritation. Avoid contact with skin.

INHALATION: Inhalation of vapour or mist can cause irritation of nose, throat and lungs and lead to headaches and nausea.

INGESTION: Not an anticipated route of exposure. Small amounts are not expected to be harmful.

CHRONIC HEALTH EFFECTS:

Although some components may indicate chronic exposure effects, no effects are anticipated under normal use conditions due to the relatively low proportion in the total mixture.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

No known effects on other illnesses.

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SECTION 4 FIRST AID MEASURES.

EYES: Flush with large amounts of water for 15 minutes, lifting upper and lower eyelids. If irritation persists seek medical attention. For advice, contact a Poisons Information Centre (Phone Australia: 131 126) or a doctor (at once).

SKIN CONTACT: Wash contaminated area with soap and water. Remove and launder contaminated clothing.

INGESTION: If swallowed, do NOT induce vomiting. If a large amount is ingested, give water or milk. Seek medical attention. For advice, contact a Poisons Information Centre (Phone Australia: 131 126) or a doctor (at once).

INHALATION: Remove victim to fresh air and provide oxygen if breathing is difficult. If breathing has stopped administer artificial respiration. Seek medical attention if condition persists.

SECTION 5 FIREFIGHTING MEASURES.

EXTINGUISHING MEDIA:

This material will not burn in its liquid state unless heated above its flash point. Dried films may burn and can be extinguished by water spray, foam, dry chemical or carbon dioxide.

SPECIAL FIREFIGHTING PROCEDURES:

Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.

Isolate danger area, keep unauthorized personnel out.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

There is the possibility of pressure build-up in closed containers when heated. Water spray may be used to cool these containers.

SECTION 6 ACCIDENTAL RELEASE MEASURES.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Do not let uncured spilled or leaking material enter watercourse. May be toxic to aquatic life. Absorb with oil-dri or similar inert material. Sweep or scrape up and containerize. Rinse affected area thoroughly with water. Wear appropriate protective equipment.

SECTION 7 HANDLING and STORAGE.

HANDLING INFORMATION:

Employees who come in contact with this material must be trained in accordance to 1910.1200 of the Hazard Communication Standard. Wear chemical resistant gloves and protective clothing to minimize contact. The use of respiratory protection is advised when spraying because of mist and dust overspray.

STORAGE INFORMATION:

Keep from freezing; material may coagulate. The minimum recommended storage temperature is 1C, the maximum recommended storage temperature is 49C. Keep away from incompatible materials (see section 10). Keep containers tightly closed. It is advised that material be used within 1 year of manufacture, rotate stock.

OTHER PRECAUTIONS:

All empty containers should be disposed of in an environmentally safe manner in accordance with all governmental regulations.

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SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION.

RESPIRATORY PROTECTION:

No special requirements under normal use conditions. In confined areas, or areas with poor ventilation, engineering controls should be used to minimize exposure. Use NIOSH/MSHA approved respirator if conditions warrant.

VENTILATION:

General room ventilation is adequate.

PROTECTIVE GLOVES:

Prevent prolonged or repeated contact by wearing chemical resistant gloves and other appropriate protective clothing.

Launder contaminated clothing before reuse.

EYE PROTECTION:

Wear safety glasses to reduce eye contact potential. Chemical safety goggles (ANSI Z87.1 or approved equivalent) are appropriate if splashing is likely. Eye washes must be available where eye contact can occur.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A source of clean water should be available for flushing eyes and skin. Showers should be available if larger spills are possible.

WORK/HYGIENIC PRACTICES:

Efforts should be made to minimize contact and spills. Always wash hands before eating, drinking, or smoking. Clean up spills promptly. Follow OSHA and company guidelines.

SECTION 9 PHYSICAL and CHEMICAL PROPERTIES.

PHYSICAL STATE:	Liquid
COLOR :	Various colours
ODOR:	Odourless
pH:	1 - 2
SOLUBILITY IN WATER:	Dilutable
SPECIFIC GRAVITY (H ₂ O=1):	1.06
VAPOR DENSITY:	Heavier than air.
BOILING RANGE:	No data available
EVAPORATION RATE:	Slower than nBuAc
COATING V.O.C.:	0 g/l
FLASH POINT:	No flash METHOD USED: n/a
FLAMMABLE LIMITS IN AIR:	LOWER: n/a UPPER: n/a v/v

SECTION 10 STABILITY and REACTIVITY.

STABILITY:

Stable under normal conditions and handling.

CONDITIONS TO AVOID:

None known

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid exposure to strong oxidizing agents and reducing agents.
Corrosive to metals.

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HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Combustion may liberate toxic by-products such as carbon dioxide, and carbon monoxide, various oxides of carbon and nitrogen. Thermal decomposition may liberate acrylic monomers and ammonia.

HAZARDOUS POLYMERIZATION:

Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION.

SENSITIZATION:

None known.

CARCINOGENICITY:

There is no data available to indicate any components present at greater than 0.1% may present a carcinogenic hazard.

REPRODUCTIVE TOXICITY:

There is no data available to indicate any components present at greater than 0.1% may present reproductive toxicity.

TERATOGENICITY (BIRTH DEFECTS):

There is no data available to indicate any components present at greater than 0.1% may cause birth defects.

MUTAGENICITY:

There is no data to indicate that any component present at greater than 0.1% will alter DNA.

SECTION 12 ECOLOGICAL INFORMATION.

ENVIRONMENTAL DATA:

Although no information is available for this specific product mixture, individual components may by themselves may have ecological affects.

Contains sulphamic acid which may be harmful to aquatic life.

SECTION 13 DISPOSAL CONSIDERATION.

This product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261, however, state and local regulations may be more restrictive. Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. Incinerate liquid and contaminated solids in accordance with local, state, and federal regulations.

SECTION 14 TRANSPORT INFORMATION.

ADG

Proper Shipping Name: Sulfamic Acid
UN No. 2967
Dangerous Goods Class: 8
Packing Group: III
Hazchem Code: 2X
Environmentally Hazardous: Not classified

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SECTION 15 REGULATORY INFORMATION.

Poison schedule (SUSMP): Schedule 6

All ingredients of this product are listed on the Australian Inventory of Chemical Substances (AICS).

SECTION 16 OTHER INFORMATION.

SDS

Date of preparation: 01/07/2017

Supersedes: 01/02/2017

Reason for revision: Amend GHS Hazard classification in Section 2

IMPORTANT: While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products, designs, data or information may be used without infringing the intellectual property rights of others. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. Further, you expressly understand and agree that the descriptions, designs, data and information furnished by our company hereunder are given gratis and we assume no obligation or liability for the description, designs, data and information given or results obtained, all such being given and accepted at your risk.

End of MSDS