



SynSafe Acid

Technical Data Sheet

SynSafe Acid is an eco-friendly and multi-functional safe replacement to traditional toxic and hazardous acids commonly used throughout the world. SynSafe Acid is manufactured with ingredients chosen from the Environmental Protection Agencies design for the environment safe chemical ingredients list, making it a world leader in green chemistry.

PRODUCT BENEFITS

- Non-toxic, non-fuming, no VOC's.
- 100% biodegradable environmentally friendly organic compound.
- Easy to use, handle, transport and store. Will not cause acid burns if product comes in direct contact with skin. Maximising employee and user safety.
- Will cause no damage to most building materials when applied and removed correctly. Safe on pumps, pipes, and most metals.
- Can be used diluted or at full strength.
- Available in the following sizes: 1 Ltr, 5 Ltr, 20 Ltr.

APPLICATION EXAMPLES

- Descaler and pH reducer.
- Masonry Slurry Dissolver.
- Brick Cleaner.
- Diamond Tool and Equipment Cleaner.
- Rust remover off metals and concrete.
- Grinding aid, to soften concrete and assist with keeping grinder clean.
- Cleans or etches concrete.
- Grout Haze Remover.
- Non-Carcinogenic Weed Killer.

STORAGE & HANDLING

- Storage life of over 1 year.
- Keep container closed when not in use and out of direct sunlight for long periods.
- Safety glasses are suggested for use when handling.
- When pumping this product, it is strongly recommended to use manufacture approved hose couplings and fittings.
- 316 stainless steel, polypropylene, polyethylene are recommended.
- Avoid use on uncoated aluminium.
- Always test in a small area before use to ensure no damage or reaction occurs.





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PHYSICAL AND TECHNICAL INFORMATION

Properties Evaluated @ Ambient Temperature

Appearance	Colourless to Slight Yellow Liquid
Odour	Odourless to Mild Soapy Odour
Specific Gravity	1.152 ± 0.04
Carcinogenicity	Not listed by ACGIH, IARC, NTP, or CA Prop 6

Initial Freezing Point	-31.6C
Initial Boiling Point	100C
Flash Point	N/A
Solubility	Complete/100%
pH Level	<1pH

POTENTIAL HEALTH EFFECTS

Inhalation	May cause respiratory tract irritation. Low hazard for usual industrial handling.
Eye	May cause eye irritation
Skin	May cause skin irritation. Low hazard for usual industrial handling.
Ingestion	Ingestion of large amounts may cause gastrointestinal irritation. Low hazard for usual industrial handling.

FIRST AID MEASURES

Inhalation	Remove to fresh air, if symptoms persist, seek medical attention.
Eye	Flush with water for at least 15 minutes while holding eyelids open. If irritation persists, seek medical attention.
Skin	Remove contaminated clothing. Wash exposed area with soap and water for at least 15 minutes. Launder clothes before re-use. If rash or other symptoms develop, seek medical attention.
Ingestion	If ingested, may cause loose stools. Drink 2-3 glasses of water and immediately seek medical attention. Do not induce vomiting.

PERSONAL PROTECTION

Respiratory Protection:	Not normally required.
Ventilation:	Normal ventilation is generally adequate.
Protective Equipment:	As with any chemical, care should be taken as not to get anything in the eyes. Safety glasses or goggles are suggested for use

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