Section 1 - Identification of The Material and Supplier

Sealers Plus **Phone: +61 2 9521-4000**
Unit 5, 5 Clerke Place **support@sealersplus.com.au**
Kurnell NSW 2231 Australia **http://www.sealersplus.com.au**

Chemical nature: Blend of acids in aqueous solution.

Trade Name: **BLAST HD**

Product Code: 123-000

Product Use: Heavy duty acid treatment for acid resistant tile, stone, concrete and masonry surfaces.

Creation Date: April 2013

This version issued: **October 2026** and is valid for 5 years from this date.

Poisons Information Centre: Phone 13 11 26 from anywhere in Australia

Section 2 - Hazards Identification

This material is hazardous according to the criteria of Safe Work Australia GHS 7.

Not classified as a Dangerous Good according to the ADG Code, IATA and IMDG criteria.

SUSMP Classification: S6

GHS Signal word: DANGER

Hazard Classifications
Skin Corrosion/Irritation - Category 1B
Serious Eye Damage/Eye Irritation - Category 1
Acute Toxicity (Oral) - Category 4

HAZARD STATEMENT:

H314 - Causes severe skin burns and eye damage.
H302 - Harmful if swallowed.

PREVENTION

P260 - Do not breathe mist/vapours/spray.
P264 - Wash contaminated skin thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE

P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER or doctor/physician.
P321 - Specific treatment (see notes to physician on this label).
P363 - Wash contaminated clothing before reuse.

STORAGE

Store in a cool, dark place.

DISPOSAL

This product may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. If it has been contaminated, it may be possible to separate the contamination in some way. Only if neither of these options is suitable, consider landfill.

Emergency Overview

Physical Description & Colour: Clear yellow liquid.

Odour: Characteristic odour.

Major Health Hazards: Causes severe burns to skin and eyes, harmful if swallowed.

Potential Health Effects

Inhalation: Short term exposure: Available data indicates that this product is not harmful via inhalation under normal use. However, if liquid enters nasal passages it will cause pain and burn nasal membranes. Patients with inhalation burns may develop acute pulmonary oedema. Long term exposure: No data for health effects associated with long term inhalation.

Skin Contact: Short term exposure: This product is corrosive to the skin and capable of causing moderate to severe burns with ulceration. It can penetrate to deeper layers of skin, resulting in third degree burns. Corrosion will continue until product is removed or neutralised. Severity depends on concentration and duration of exposure. Burns may not be immediately painful; onset of pain may be minutes to hours. Long term exposure: No data for health effects associated with long term skin exposure.

Eye Contact: Short term exposure: This product is corrosive to eyes, causing severe pain and corrosion of the eye and surrounding facial tissues. Unless exposure is quickly treated, permanent blindness and facial scarring is likely. Long term exposure: No data for health effects associated with long term eye exposure.

Ingestion: Short term exposure: Significant oral exposure is considered unlikely. Available data shows this product is harmful; symptoms are not available. This product is corrosive to the gastrointestinal tract and capable of causing moderate to severe burns with ulceration, with corrosion continuing until the product is removed or neutralised. Severity depends on concentration and duration of exposure. Long term exposure: No data for health effects associated with long term ingestion.

Section 3 – Composition and Information on Ingredients

Ingredients	CAS No	Conc, %	TWA (mg/m³)	STEL (mg/m³)
Ethanedioic acid (oxalic acid)	144-62-7	<10%	No data (use TWA of 10 mg/m3 as a maximum per National Occupational Exposure Standards)	No data.
Phosphoric acid	7664-38-2	<10%	1 mg/m3	3 mg/m3
Glycolic acid	79-14-1	<10%	No data.	No data.
Water	7732-18-5	to 100%	Not applicable.	Not applicable.

The remaining ingredients are either non-hazardous or well below cut-off points for hazardous substances.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

Section 4 - First Aid Measures

General Information:

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 11 26 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

Ingestion: If swallowed do NOT induce vomiting: seek medical advice immediately and show this container or label.

Eye Contact: If in eyes, hold eyelids open and flush continuously with water for 15 minutes or until instructed to stop by the Poisons Information Centre.

Skin Contact: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

Inhalation: Remove to fresh air. Provide artificial respiration if not breathing. Get urgent medical assistance.

Notes to Physician: Suggest intubation BEFORE any emesis.

Section 5 - Fire Fighting Measures

Suitable Extinguishing Media: Water, foams, CO2 or dry powder.

Specific Hazards: Hot containers may burst causing scalds and spread of fire.

Firefighting Further Advice: Wear full protective gear including air-fed masks in confined spaces. Keep containers cool with water fog or spray.

Hazchem Code: None allocated.

Section 6 - Accidental Release Measures

Emergency Procedures: Contain. Extinguish all sources of ignition. For small spills absorb into earth or sand. For larger spills transfer to steel containers and label as for product for transport to disposal. Rinse area with water.

Section 7 - Handling and Storage

Precautions for Safe Handling: Wear protective gear including gloves.

Storage: Store in a cool, dark place.

Section 8 - Exposure Controls and Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment: Respiratory equipment: AS/NZS 1715 and AS/NZS 1716, Protective Gloves: AS 2161, Occupational Protective Clothing: AS/NZS 4501, Industrial Eye Protection: AS 1336 and AS/NZS 1337, Occupational Protective Footwear: AS/NZS 2210.

SWA Exposure Limits	CAS No	TWA (ppm)	TWA (mg/m^3)	STEL (mg/m^3)
Oxalic acid (Ethanedioic acid)	144-62-7	No data.	1 mg/m3 (default TWA applied)	No data.
Phosphoric acid	7664-38-2	No data.	1 mg/m3	3 mg/m3
Glycolic acid	79-14-1	No data.	No data.	No data.

National Occupational Exposure Limits: No value assigned for this specific material by Safe Work Australia. A TWA of 10 mg/m3 should be used as a maximum default.

Engineering Measures: No special requirements.

Personal Protection Equipment: Goggles, apron and gloves.

Section 9 - Physical and Chemical Properties:

Physical Description & colour:	Clear yellow liquid.
Odour:	Characteristic odour.
Boiling Point:	Approximately 100°C at 100 kPa.
Freezing/Melting Point:	Below 0°C.
Volatiles:	Water component.
	2.37 kPa at 20°C (water vapour pressure).

Vapour Pressure:	
Vapour Density:	No data.
Relative Density:	1.15
Water Solubility:	Soluble in water.
pH:	<4
Volatility:	No data.
Odour Threshold:	No data.
Evaporation Rate:	No data.
Coefficient Oil/Water Distribution:	No data.
Flash point / Autoignition temperature:	Does not burn.

Section 10 - Stability and Reactivity

Stability: Stable to over 60°C.

Hazardous Decomposition Products: In fires: CO2, CO, NOx and partially burned hydrocarbons.

Section 11 - Toxicological Information

No adverse effects expected if the product is handled in accordance with this Safety Data Sheet and the product label.

Acute Effects

Ingestion: Harmful if swallowed. Corrosive: may cause burns to the mouth, throat and stomach. Seek immediate medical attention.

Eye Contact: Prompt flushing with water will reduce or avoid adverse effects.

Skin Contact: Wash with water.

Inhalation: Can cause chemical pneumonitis on entry to lungs. Conditions and method of use must preclude mists and vapours.

Long Term Effects: Poisons Information Centres in each State capital city can provide additional assistance for Scheduled Poisons: Phone (Australia) 13 11 26.

Acute Toxicity / Chronic Toxicity: No data available for product.

Carcinogenicity: No component is listed by ACGIH, IARC, NTP or CA Prop 65.

Section 12 - Ecological Information

Ecotoxicity: Expected to be toxic to the aquatic environment.

Persistence/Degradability: High biodegradability minimises effects.

Mobility: Expected to be mobile in aquatic systems.

Section 13 - Disposal Considerations

Disposal: This product may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. If it has been contaminated, it may be possible to separate the contamination in some way. Only if neither of these options is suitable, consider landfill.

Section 14 - Transport Information

UN Number:	None allocated
DG Class:	None allocated
Subsidiary Risk:	None allocated
	None allocated

Packing Group:

Hazchem Code: None allocated

ROAD AND RAIL TRANSPORT

Not classified as a Dangerous Good by the criteria of the Australian Dangerous Goods (ADG) Code for transport by road or rail.

MARINE TRANSPORT

Not classified as Dangerous Goods by the IMDG Code criteria for sea transport.

AIR TRANSPORT

Not classified as Dangerous Goods by the IATA criteria for air transport.

Segregation: Segregate from Class 4 and Class 5 dangerous goods.

Section 15 - Regulatory Information

AICIS: All of the significant ingredients in this formulation are listed on the Australian Industrial Chemicals Introduction Scheme (AICIS) inventory.

Poisons Schedule: Phosphoric acid and oxalic acid are listed in the SUSMP; the product is classified S6.

Section 16 - Other Information

This SDS contains only safety-related information. For other data see product literature (Blast HD Technical Bulletin and label).

This revision supersedes the April 2018 SDS.

Changes in this revision: new Sealers Plus SDS format; supplier address and contact details updated to Kurnell NSW; hazard communication aligned with GHS Revision 7.

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail
AICS/AIIC	Australian Inventory of Industrial Chemicals
AICIS	Australian Industrial Chemicals Introduction Scheme
SWA	Safe Work Australia, formerly ASCC and NOHSC
CAS number	Chemical Abstracts Service Registry Number
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
TWA / STEL	Time Weighted Average / Short Term Exposure Limit
UN Number	United Nations Number

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.
IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS.
OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (July 2020) and GHS Revision 7.