

SAFETY DATA SHEET

ACID NEUTRALIZER

SECTION 01 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier	Acid Neutralizer
Recommended Use	Patina Stain Neutralizer
Manufacturer's Name	Fabrikem Manufacturing Ltd. 20361 Duncan Way, Langley, BC V3A 7N3
Supplier's Name	Fabrikem Manufacturing Ltd. 20361 Duncan Way, Langley, BC V3A 7N3
Phone Number	604-532-3883 (Monday to Friday; 0800-1600 Pacific Time)
Preparation Date of SDS	22 January 2019
Revision Date of SDS	21 February 2020
SDS Prepared By	WHMIS Team
CANUTEC Emergency Number	613-996-6666 (Transport Emergencies)

SECTION 02 HAZARD IDENTIFICATION

Hazard Classification	Not classified
Label Elements	No labelling applicable
Symbols	Not applicable
Signal Words	Not applicable
Hazard Statements	Not applicable
Precautionary Statements	Not applicable
Other Hazards	Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

SECTION 03 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	%	CAS#	OSHA PEL	TLV	STEL
Sodium Bicarbonate	10	144-55-8	N/E	N/E	N/E

SECTION 04 FIRST AID MEASURES

Route of Exposure	
Inhalation	When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.
Skin Contact	Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.
Eye Contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.
Ingestion	Rinse mouth. Do not induce vomiting. Obtain medical attention.
Most Important Symptoms & Effects	General: Not expected to present a significant hazard under anticipated conditions of normal use. Inhalation: Prolonged exposure may cause irritation. Skin Contact: Prolonged exposure may cause skin irritation. Eye Contact: May cause slight irritation to eyes. Ingestion: Large doses may produce systemic alkalosis and expansion in extracellular fluid volume with edema. Chronic Symptoms: None expected under normal conditions of use.
Immediate Medical Attention & Special Treatment	If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

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SECTION 05 FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Water spray, dry chemical, foam, carbon dioxide.
Unsuitable Extinguishing Media	Do not use a heavy water stream. Use of heavy stream of water may spread fire.
Hazardous Combustion Products	Carbon oxides (CO, CO ₂). Sodium oxides.
Special Fire Fighting Procedures	Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 06 ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures	General Measures: Avoid prolonged contact with eyes, skin and clothing. Protective Equipment: Use appropriate personal protective equipment (PPE). Evacuate unnecessary personnel. Ventilate area. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.
Methods and Materials for Containment and Cleaning Up	Contain and collect as any solid. Contain solid spills with appropriate barriers and prevent migration and entry into sewers or streams. Clean up spills immediately and dispose of waste safely. Recover the product by vacuuming, shoveling or sweeping. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

SECTION 07 HANDLING AND STORAGE

Precautions for Safe Handling	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Handle in accordance with good industrial hygiene and safety procedures.
Conditions for Safe Storage	Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Incompatible Materials: Strong acids, strong bases, strong oxidizers. Water. Lime.

SECTION 08 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits (PNOC)	ACGIH TLV	3 mg/m ³ Respirable fraction
	OSHA PEL	5 mg/m ³ Respirable fraction
	BC/Alta	10 mg/m ³ (total dust)
Engineering Controls	General	For occupational/workplace settings: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.
	Local Exhaust	Ensure adequate ventilation, especially in confined areas.
	Other	Ensure all national/local regulations are observed.
Personal Protective Equipment	Gloves	For occupational/workplace settings: Wear protective gloves.
	Respirator	If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate

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		ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.
	Eye	For occupational/workplace settings: Chemical safety goggles.
	Footwear	Wear suitable protective footwear.
	Clothing	Wear suitable protective clothing.
	Other	When using, do not eat, drink or smoke.

SECTION 09 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Odour	None
Odour Threshold	Not available
pH	8.3
Melting/Freezing Point	Not available
Initial Boiling Point/Range	Not available
Flash Point	Not available
Evaporation Rate (n-butyl acetate = 1)	Not available
Flammability	Not available
Lower Flammable/Explosive Limit	Not available
Upper Flammable/Explosive Limit	Not available
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Specific Gravity	1.02 g/cm ³
Solubility	Water: 8.6 g/100ml @ 20 °C (68 °F)
Partition Coefficient (n-octanol/water)	Not available
Auto-Ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available

SECTION 10 STABILITY AND REACTIVITY

Reactivity	Hazardous reactions will not occur under normal conditions.
Chemical Stability	Stable under recommended handling and storage conditions.
Possibility of Hazardous Reactions	Hazardous polymerization will not occur.
Conditions to Avoid	Direct sunlight, extremely high or low temperatures, and incompatible materials.
Incompatible Material	Strong acids, strong bases, strong oxidizers. Water. Lime.
Hazardous Decomposition Products	None known. At high temperature may liberate toxic gases.

SECTION 11 TOXICOLOGICAL INFORMATION

Routes of Exposure	Inhalation, Skin, Eyes, Ingestion		
Symptoms of Acute Exposure	No information found.		
Symptoms of Chronic Exposure	No information found.		
Irritancy of Product	No information found.		
Other Toxicological Information			
Ingredient	LD ₅₀	LC ₅₀	TLV
Sodium Bicarbonate	7334 mg/kg (Rat – Oral)	> 4.7 mg/l/4h (Rat – Inhalation)	N/E

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SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity	LC ₅₀ : 7100 mg/L (Bluegill)	LC ₅₀ : 7700 mg/L (Rainbow Trout)	EC ₅₀ : 4100mg/L (Daphnids)
Persistence & Degradability	Not established		
Bioaccumulative Material	Not established		
Mobility in Soil	Not available		
Other Adverse Effects	Avoid release to the environment.		

SECTION 13 DISPOSAL CONSIDERATIONS

Waste Disposal	Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.
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SECTION 14 TRANSPORT INFORMATION

Shipping Name	Not regulated for transport.
TDG	Not regulated for transport.
DOT	Not regulated for transport.

SECTION 15 REGULATORY INFORMATION

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.
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SECTION 16 OTHER INFORMATION

Date of Latest Revision	21 February 2020
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The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. It is provided solely for the customer's consideration, and verification and Fabrikem Manufacturing Ltd. hereby specifically claims it shall not be held liable for any damage resulting from handling or from contact with the above products.

N/A = Not Available

N/E = Not Established