

CONCRETECH

106, 2567 - 192 STREET, SURREY, BC, V3S 3X1

#106 2567 192 Street, Surrey, BC V3S 3X1

Phone: 604 210 1147 Fax: 604 357 1344

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Web: www.concretechproducts.com

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MATERIAL SAFETY DATA SHEET

NEUTRALIZER

SECTION 01: PRODUCT IDENTIFICATION

Product Identifier:	Acid Neutralizer
WHMIS Classification:	Health=0, Fire= 0, Reactivity= 0
Product Use:	Patina Stain Neutralizer
Product Class:	N/A
Manufacturer's Name:	Concretech Inc., #106, 2567- 192 Street, Surrey, BC, V3S 3X1, Canada
Supplier's Name	Concretech Inc., #106, 2567- 192 Street, Surrey, BC, V3S 3X1, Canada
Preparation Date of MSDS:	December 15 th , 2008
Revision Date of MSDS:	April 15 th , 2011
MSDS Prepared By:	Farhad Kazemian
Phone Number of Preparer:	1 604 210 11 47
Emergency Phone Number	1 888 503 6780

SECTION 02: HAZARDOUS INGREDIENTS

Ingredients:	%	CAS#	LD/50	TLV	Comments
Sodium Bicarbonate	7-15	144-55-8	N/A	N/A	Not Hazardous

SECTION 03: HAZARDOUS IDENTIFICATION

Route of Entry:	
Skin Contact:	No adverse effects expected.
Skin Absorption:	No information found.
Eye Contact:	Contact may cause mild irritation, redness, and pain.
Inhalation:	High concentrations of dust may cause coughing and sneezing.
Ingestion:	Extremely large oral doses may cause gastrointestinal disturbances.
Emergency Overview:	As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.
WHMIS Symbols:	N/A
Potential Health Effects:	No information found.

SECTION 04: FIRST AID MEASURES

Skin Contact:	Not expected to require first aid measures.
Eye Contact:	Wash thoroughly with running water. Get medical advice if irritation develops.
Inhalation:	Remove to fresh air. Get medical attention for any breathing difficulty.
Ingestion:	Give several glasses of water to drink to dilute. If large amounts were swallowed, get medical advice.

SECTION 05: FIRE FIGHTING MEASURES

Flammable (Yes / No)	Not considered to be a fire hazard.
Yes	No
Means of Extinction	Use any means suitable for extinguishing surrounding fire.
Flash Point (°C / Method)	N/A
Upper Flammable Limit (% by Volume)	N/A

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Lower Flammable Limit (% by Volume)	N/A
Autoignation Temperature (°C)	N/A
Explosion Data- Sensitivity to Impact	Not considered to be an explosion hazard.
Explosion Data- Sensitivity to Static Discharge	Not considered to be an explosion hazard.
Hazardous combustion Products	N/A
Special Fire Fighting Procedures	Use protective clothing and breathing equipment appropriate for the surrounding fire.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures	Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal. Small amounts of residue may be flushed to sewer with plenty of water
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SECTION 07: HANDLING AND STORAGE

Handling Procedures and Equipment	Keep in a well closed container stored under cold to warm conditions, 2 to 40 C, (36 to 104F). Protect against physical damage. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.
Storage requirements	See above

SECTION 08: EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limit	ACGIH TLV	Not Established
	OSHA PEL	Not Established
	Other	Not Established
Engineering Controls	General	In general, dilution ventilation is a satisfactory health hazard control for this substance.
	Local Exhaust	However, if conditions of use create discomfort to the worker, a local exhaust system should be considered.
	Other	N/A
Personal Protective Equipment	Gloves	Regular gloves
	Respirator	Personal NIOSH Respirator
	Eye	Use chemical safety goggles
	Footwear	N/A
	Clothing	Clean-body- covering clothing
	Other	N/A
Hazard Index		Health=0, Fire= 0, Reactivity= 0

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Odor and Appearance	None and clear
Odor Threshold (ppm)	N/A
Specific Gravity	1.02 g/cm3

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Vapor Density (air = 1)	No information found
Vapor Pressure (mmHg)	No information found
Evaporation Rate	No information found
Flammability Class	N/A
Boiling Point °C	100 C (212 F)
Freezing Point °C	N/A
Volatile % By Weight	85- 93
PH	8.3
Coefficient of Water / Oil Distribution	N/A
Solubility in Water	Soluble

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability	Stable under ordinary conditions of use and storage.
Incompatibility With Other Substances	Dangerous reaction with monoammonium phosphate or a sodium-potassium alloy
Reactivity	Reacts with acids to form carbon dioxide.
Hazardous Decomposition Products	Gaseous carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

Effects on Acute Exposure	No information found
Effects on Chronic Exposure	No information found
Irritancy of Product	Mild irritant to eyes. Irritation data: human, skin, 30mg/3D-I mild, rabbit,eye, 100 mg/30 S, mild.
Skin Sensitization	N/A
Respiratory sensitization	N/A
Carcinogenicity	No information found
Other Toxicity Information	No information found
IARC (1,A2 or 2B)	No information found
ACGIH (A1, A2 or A3)	No information found
Reproductive Toxicity	No information found
Teratogenicity	No information found
Embryotoxicity	No information found
Mutagenicity	Investigated as a mutagen, reproductive effector.
Name of Synergistic Products / Effects	N/A

SECTION 12: ECOLOGICAL INFORMATION

Aquatic Toxicity	For Sodium Bicarbonate: 48 hour EC50 Daphnia magna (water flea) : 2350 mg/L. 96 hour LC50 Lepomis macrochirus (bluegill) : > 5000 mg/L. 120 hour EC50 Nitzschia linearis (diatom) : 650 mg/L. This material is not expected to be toxic to aquatic life.
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SECTION 13: DISPOSABLE CONSIDERATIONS

Waste Disposal	Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste
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	management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.
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SECTION 14: TRANSPORT INFORMATION

Special Shipping Information	Not Regulated
PIN	N/A
TDG	N/A
DOT	N/A
IMO	N/A
ICAO	N/A
ERAP	N/A

SECTION 15: REGULATORY INFORMATION

WHMIS Classification	Health=0, Fire= 0, Reactivity= 0
OSHA	N/A
SERA	N/A
TSCA	N/A
DSL / TOSCA	N/A

SECTION 16: OTHER INFORMATION

Regulatory Information	This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR
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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. Hereby specifically claims. It shall not be held liable for any damage resulting from handling or from contact with the above products.

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