

Safety Data Sheet

6000 Grout Optimizer

SECTION 1: IDENTIFICATION

Product: 6000 Grout Optimizer

Product Use: Stain protecting grout additive for cement-based grouts

Manufacturer Information:

Ontario

121 - 30th Street
 Etobicoke, On.
 M8W 3C1
 Tel: (416) 255-1111
 Fax: (416) 255-1729

Quebec

555, Rue Locke
 Ville St. Laurent, Qc.
 H4T 1X7
 Tel: (514) 345-6666
 Fax: (514) 345-8825

British Columbia

2829 Lake City Way
 Burnaby, BC
 V5A 2Z6
 Tel: (644) 420-4914
 Fax: (604) 420-0936

IN CASE OF EMERGENCY CALL CANUTEC (613) 996-6666

SECTION 2: HAZARDS IDENTIFICATION

Physical hazards	Not classified	
Health hazards	Acute toxicity, inhalation	Category 3
	Specific target organ toxicity, repeated Exposure.	Category 2 (Liver)
Classification of the chemical	OSHA and WHMIS	Not classified

Label elements



GHS Signal Word	Danger
GHS Hazard Statements	Toxic if inhaled. May cause damage to organs (Liver) through prolonged or repeated exposure.
GHS Precautions Prevention	Avoid breathing mist or vapour. Use only outdoors or in a well-ventilated area.
Response	If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison centre/doctor.
Storage	Store in a well-ventilated place. Keep container tightly closed. Store locked up.
Disposal	Dispose of waste and residues in accordance with local authority requirements.

ADDITIONAL INFORMATION

Hazards not otherwise classified identified during the classification process: None known

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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No.	Concentration
Water	7732-18-5	60 - 100
Acrylic Polymer		15 - 40
1-(2-Butoxy-1-methylethoxy)propan-2-ol	29911-28-2	<2 %
Partially fluorinated alcohol, reaction products with phosphorous oxide (P2O5), ammonium salts	Proprietary	<2 %

SECTION 4: FIRST AID MEASURES

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
Skin contact	Wash skin with soap and water. Get medical attention if symptoms occur.
Eye contact	Flush eyes thoroughly with water for at least 15 minutes. Get medical attention if symptoms persist.
Ingestion	Rinse mouth. Do not induce vomiting. Get medical attention if any discomfort continues.
Most important symptoms/effects, acute and delayed	Symptoms include redness, itching and pain.
Indication of immediate medical attention and special treatment needed	Treat symptomatically.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

SECTION 5: FIRE FIGHTING MEASURES

Suitable extinguishing media	Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers.
General fire hazards	No unusual fire or explosion hazards noted.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

Special Protection Wear personal protective equipment.

Protective Equipment Refer to Section 8 on this Safety Data Sheet for appropriate personal protection equipment.

Pick up solids. Mop up or absorb with an inert material. Scrape up and dispose into a disposal container. Suitable material for taking up: absorbing material, sand.

Waste Disposal Dispose of in accordance with local, state and federal regulations.

Environmental Precautions Do not allow product to enter drains or waterways. Do not allow material to contaminate ground water system. Refer to Section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE

Wear personal protective equipment. Avoid contact with skin and eyes, inhalation of vapours and mists.

Contaminated clothing should be changed before entering eating areas. Do not eat or drink in work areas.

Do not use any empty containers before they are cleaned.

Protective Equipment Refer to Section 8 on this Safety Data Sheet for appropriate personal protection equipment.

Wash thoroughly after handling.

Storage Store in a cool, adequately ventilated, dry area. Keep containers tightly closed when not in use

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE LIMITS

ACGIH, OSHA, NIOSH or Canadian provinces have not developed exposure limits for any of this product's components.

ENGINEERING CONTROL METHODS:

Eye protection Wear safety glasses with side shields

Skin Protection Avoid skin contact by wearing proper work gloves and long sleeved shirt.

Hand Protection Use protective gloves that provide comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory Protection N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Odour and appearance	Milky white with a slight latex odour.
Odour threshold	N/A
Specific gravity	1.03
Vapour pressure	N/A
Vapour density(air=1)	N/A
Evaporation rate	As for water
Boiling point	100°C (212°F)
Freezing point	N/D
pH	7-8
Flash point	>100°C (212°F)
Upper/Lower flammability or explosive limits	N/A
Auto-ignition temperature	N/A
Decomposition temperature	N/A

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Explosive properties	N/A
Oxidizing properties	N/A
Solubility in water	Dispersible
Solubility in oil	N/D
Octanol/Water coefficient	N/D
Calculated VOC content	0 g/l

SECTION 10: STABILITY AND REACTIVITY

Chemical stability	Stable
Incompatible materials	Oxidizing agents
Conditions to avoid	Heat, flames and sparks
Hazardous decomposition products	CO, CO ₂ , and unidentified organic compounds
Hazardous polymerization	Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation	Toxic if inhaled. In high concentrations, vapors may be irritating to the respiratory system.
Skin contact	May cause skin irritation.
Eye contact	May cause eye irritation.
Ingestion	May cause discomfort if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics Symptoms include redness, itching and pain. May cause lung edema.

Information on toxicological effects

Acute toxicity	Toxic if inhaled. May cause discomfort if swallowed.
Skin corrosion/irritation	May cause skin irritation on prolonged or repeated contact.
Serious eye damage/eye irritation	May cause eye irritation on direct contact.

Respiratory or skin sensitization

Respiratory sensitization	No data available.
Skin sensitization	Not a skin sensitizer.
Germ cell mutagenicity	No data available.
Carcinogenicity	Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Reproductive toxicity No data available.

Specific target organ toxicity - single exposure - No data available.

Specific target organ toxicity - repeated exposure - May cause damage to organs (Liver) through prolonged or repeated exposure.

Aspiration hazard Not classified.

Chronic effects No data available

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SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	N/A
Persistence and degradability	N/A
Bioaccumulative potential	N/A
Mobility in soil	N/A
Other adverse effects	N/A

SECTION 13: DISPOSAL CONSIDERATIONS

Handling for disposal Handle waste as per recommendations in Section 7.

Dispose of in an approved landfill. Waste must be handled in accordance with all federal, state, provincial, and local regulations. Consult authorities before disposal.

SECTION 14: TRANSPORT INFORMATION

Consult Bill of Lading for transportation information.

Canadian TDG : not regulated

US DOT: not regulated

IATA: not regulated

SECTION 15: REGULATORY INFORMATION

Canadian Information:

Canadian WHMIS Classification: This product is a WHMIS Controlled Product.

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on either the Domestic Substances List (DSL) or the Non- Domestic Substances List (NDSL).

US Federal Information: TSCA: All listed ingredients appear on the Toxic Substances Control Act (TSCA) inventory.

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. This material contains one or more substances which requires export notification under TSCA Section 12(b) and 40 CFR Part 707 Subpart D: Partially fluorinated alcohol, reaction products with phosphorous oxide (P2O5), ammonium salts PMN Number: P-09-0245

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) Regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4) Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA) Hazard categories Immediate Hazard - Yes
Delayed Hazard - Yes

Fire Hazard - No

Pressure Hazard - No

Reactivity Hazard - No

SARA 302 Extremely hazardous substance Not listed.

SARA 311/312 Hazardous chemical Yes

SARA 313 (TRI reporting) Not regulated.

US state regulations This product does not contain a chemical known to the State of California to cause cancer birth defects or other reproductive harm.

US. Massachusetts RTK - Substance List Not regulated.

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US. New Jersey Worker and Community Right-to-Know Act Not listed.
US. Pennsylvania Worker and Community Right-to-Know Law Not listed.
US. Rhode Island RTK Not regulated.
US. California Proposition 65 Not Listed.

SECTION 16: OTHER INFORMATION

This Safety Data Sheet is prepared to comply with the Canadian Workplace Hazardous Materials Information System (WHMIS) and the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200).

See **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION** for personal protective equipment recommendations.

Legend to abbreviations used in the safety data sheet:

IATA: International Air Transport Association.
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
DOT Department of Transportation
TDG Transportation of Dangerous Goods
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.
CLP: Classification, Labeling, Packaging.
CAS: Chemical Abstracts Service (division of the American Chemical Society).
VOC: Volatile Organic Content
LC50: Lethal concentration, for 50 percent of test population.
LD50: Lethal dose, for 50 percent of test population.
TLV: Threshold Limiting Value.
TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
STEL: Short Term Exposure limit.
STOT: Specific Target Organ Toxicity.
TSCA : Toxic Substances Control Act
CERCLA: Comprehensive Environmental Response, Compensation, and Liability act.
SARA: Superfund Amendments and Reauthorization Act
ACGIH : American Conference of Governmental Industrial Hygienists.
OSHA: Occupation Safety and Health Administration.
NIOSH: National Institute for Occupational Safety and Health.
WHMIS: Canadian Workplace Hazardous Materials Information System
CPR: Controlled Product Regulations.
CEPA: Canadian Environmental Protection Act
DSL Domestic Substances List
NDSL Non- Domestic Substances List
HPA : Hazards Product Act.
IARC : International Agency for Research on Cancer.
NTP : National Toxicological Program.

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PREPARATION DATE OF SAFETY DATA SHEET

Prepared by Technical department

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Date prepared 18th June, 2018

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