

Material Safety Data Sheet

WHMIS	Protective Clothing	TDG Road/Rail
		

SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

Product name:	AQUA BRITE PLUS (27272C85, 27272D25, 27272D50)	Effective Date:	01/01/2010	Code No.:	17601R.
Product use:	Pool Chemical				
WHMIS:	Regulated by PCP Act, Agriculture Canada				
TDG:	TDG CLASS 8: Corrosive solid. Shipping name: Monopersulphate Compound Class 8 UN 3260 PG II				
Manufacturer:	Lawrason's Inc. 460 Wyecroft Road Oakville, ON, L6K 2G7 Tel: (905) 842-8300 Fax: (905) 842-8906	Supplier:	Lawrasons's Inc. 460 Wyecroft Road Oakville, ON L6K 2G7 Tel: (905) 842-8300 Fax: (905) 842-8906		

EMERGENCY PHONE : CANUTEC (613) 996-6666

SECTION II - HAZARDOUS INGREDIENTS

Ingredients	CAS #	Wt%	ACGIH-TLV	LC₅₀/LD₅₀
1) Potassium Monopersulphate	10058-23-8	60-100	Not available.	ORAL (LD50) mg/kg: Acute: >2000 (Rat).

SECTION III - PHYSICAL DATA

Boiling point:	Not available.	Specific Gravity:	Not available.
Vapour Pressure:	Not applicable	Vapor Density:	Not applicable
Solubility in Water:	In water @ 20°C: 250 g/L	Percent Volatile:	Not applicable.
Physical State:	Solid. (Free-Flowing Salt.)	Evaporation Rate:	Not applicable.
Appearance and Odour:	White. Odorless.	pH (as supplied):	2-3
		Viscosity:	Not available.

SECTION IV - FIRE AND EXPLOSION DATA

Flammability:	Non-flammable.
Flash Points:	Not applicable.
Flammable Limits:	Not applicable.
Hazardous Combustion Products:	When heated to decomposition it emits highly corrosive fumes.
Means of Extinction:	Be sure to use a MSHA/NIOSH approved respirator or equivalent.
Special Fire Hazards:	

SECTION V - REACTIVITY DATA

Stability:	The product is stable.
Incompatibility:	No specific information is available in our database regarding the reactivity of this material in presence of various other materials.
Hazardous Decomposition Products:	Release of small amounts of sulphur dioxide (SO ₂) possible when heated

SECTION VI - TOXICOLOGICAL PROPERTIES

Routes of Entry	Ingestion. Eye contact. Inhalation. Skin contact.
Acute Effects on Humans:	Inhalation of dust will produce irritation to gastro-intestinal or respiratory tract, characterized by burning, sneezing and coughing. Ingestion may cause adverse health effects.
Chronic Effects on Humans:	Not dangerous in case of skin contact (non-irritant for skin, non-sensitizer for skin). CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. Toxicity of the product to the reproductive system: Not available. Repeated exposure of the eyes to a low level of dust can produce eye irritation. Repeated skin exposure can produce local skin destruction, or dermatitis. Repeated inhalation of dust can produce varying degree of respiratory irritation or lung damage.
Synergistic Materials:	

SECTION VII - PREVENTIVE MEASURES

Gloves:	
Eye Protection:	
Respiratory Protection:	
Other Protective Equipment:	Splash goggles. Full suit. Vapor and dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
Engineering Controls:	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Leak and Spill Procedure:	Use appropriate tools to put the spilled solid in a convenient waste disposal container. If necessary: Neutralize the residue with a dilute solution of sodium carbonate. Corrosive solid. Stop leak if without risk. DO NOT get water inside container. DO NOT touch spilled material. Use water spray to reduce vapors. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Neutralize the residue with a dilute solution of sodium carbonate.
Waste Disposal:	Recycle to process, if possible. Consult your local or regional authorities.
Storage Requirements:	Corrosive materials should be stored in a separate safety storage cabinet or room.

SECTION VIII - FIRST AID

Eye:	Check for and remove any contact lenses. DO NOT use an eye ointment. IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. SEEK IMMEDIATE MEDICAL ATTENTION
Skin:	If the chemical got onto the clothed portion of the body, remove the contaminated clothes as quickly as possible, protecting your own hands and body. Place the victim under a deluge shower. If the chemical touches the victim's exposed skin, such as the hands: Neutralize exposed skin with a dilute solution of sodium carbonate. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Wash contaminated clothing before reusing. Seek medical attention.
Inhalation:	Allow the victim to rest in a well ventilated area. Seek immediate medical attention.
Ingestion:	DO NOT induce vomiting. Have conscious person drink several glasses of water or milk. Seek immediate medical attention.

SECTION IX - OTHER INFORMATION

References	Not available.
Additional remarks:	No additional remark.

Validated by Lawrason's Inc on 01/01/2010.	Verified by Lawrason's Inc.
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