

CALCIUM INDICATOR POWDER

Product: R-0011P

Section 1: PRODUCT INFORMATION

Chemical family: Mixture.

Supplier: Lowry & Associates, div. of Chem-Aquascience, Inc
Canadian Master Distributors for Taylor Technologies, Inc.
4-1151 Gorham Street
Newmarket, ON.
L3Y 8Y1
Tel: 905-836-0505
Fax: 905-895-4539.

Emergency Phone Number: Canutec 613-996-6666.
905-625-9117 (Monday - Friday 9 a.m. - 4 p.m.).

Manufacturer: Taylor Technologies Inc.
31 Loveton Circle
Sparks, MD USA 21152
Tel: 410-472-4340.

TDG classification: Not regulated.

WHMIS classification: Not controlled.

DSL status: Not available.

Section 2: HAZARDOUS INGREDIENTS

C.A.S.	CONCENTRATION %	Ingredient Name	T.L.V.	LD/50	LC/50
2538-85-4	<1	CALCON	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
7447-40-7	>50	POTASSIUM CHLORIDE	NOT AVAILABLE	2600 MG/KG RAT ORAL 1500 MG/KG MOUSE ORAL	NOT AVAILABLE

Section 3: PHYSICAL DATA

Physical state: Solid

Appearance & odor: Crystals.
Odourless.
Purple-brown.

Odor threshold (ppm): Not applicable.

Vapour pressure (mmHg): Not applicable.

Vapour density (air=1): Not applicable.

Volatiles (%)

By volume: 1

**Evaporation rate
(butyl acetate = 1):** Not applicable.

Boiling point (°C): Not applicable.

Freezing point (°C): Not applicable.

pH: Not applicable.

Specific gravity @ 20 °C: 2.0

Solubility in water (%): Soluble.

Coefficient of water\oil dist.: Not available.

Section 4: FIRE & EXPLOSION DATA

Flammability: Not flammable.

Conditions of flammability: Surrounding fire.

Extinguishing media: Suitable for surrounding fire.

Special procedures: Self-contained breathing apparatus required.
Firefighters should wear the usual protective gear.

Auto-ignition temperature (°C): Not applicable.

Flash point (°C), method: Not applicable.

Lower flammability limit (% vol): Not applicable.

Upper flammability limit (% vol): Not applicable.

Explosion Data

Sensitivity to static discharge: Not applicable.

Sensitivity to mechanical impact: Not applicable.

Hazardous combustion products: Chlorine gas.

Explosive power: Not applicable.

Section 5: REACTIVITY DATA

Chemical stability: Stable under normal conditions.

Conditions of instability: Contact with incompatible substances.
Extreme temperatures.
Extreme heat.

Hazardous polymerization: Not available.

Incompatible substances: Bromine trifluoride.
Strong oxidizers.

Hazardous decomposition products: See hazardous combustion products.

Section 6: TOXICOLOGICAL PROPERTIES

Route of entry: Skin contact, eye contact, inhalation and ingestion.

Effects of acute exposure

Eye contact: Irritant.

Skin contact: Irritant.
May stain skin.

Inhalation: Irritant.

Ingestion: May be harmful if swallowed.
Irritant.
May cause gastro-intestinal irritation.

Effects of chronic exposure: Pre-existing eye, skin and respiratory disorders may be aggravated.

LD50 of product, species & route: Not available for mixture, see the ingredients section.

LC50 of product, species & route: Not available.

Exposure limit of material: Not available.

Sensitization to product: Not available.

Carcinogenic effects: Not listed as a carcinogen.

Reproductive effects: Not available.

Teratogenicity: Not available.

Mutagenicity: Not available.

Synergistic materials: Not available.

Section 7: PREVENTATIVE MEASURES

Precautionary Measures

Gloves/Type:



Wear protective gloves.

Respiratory/Type: None required under normal use.



NIOSH approved respirator, if necessary.

Eye/Type:



Safety glasses.

Footwear/Type: Safety shoes per local regulations.

Clothing/Type:



Lab coat.

Other/Type: Eye wash facility should be in close proximity.
Emergency shower should be in close proximity.

Ventilation requirements: Provide sufficient mechanical ventilation to maintain exposure below TLV.

Leak/Spill: Sweep up.
Wear appropriate protective equipment.
Place in a closed container for disposal.
Avoid raising dust.

Waste disposal: In accordance with municipal, provincial and federal regulations.

Handling procedures and equipment: Use adequate ventilation.
Wear personal protective equipment appropriate to task.
Avoid breathing dust or vapors.
Wash thoroughly after handling.
Avoid contact with skin, eyes and clothing.
Avoid dust generation.
Launder contaminated clothing prior to reuse.
Do not ingest.

Storage requirements: Keep out of direct sunlight.
Store in a cool and dry place.

Special shipping information: Not regulated.

Section 8: FIRST AID MEASURES

Skin contact: Remove contaminated clothing.
Wash with water for at least 15 minutes.
Get medical attention.
Wash thoroughly with soap and water.

Eye contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting upper and lower lids. Get prompt medical attention.

Inhalation: Remove victim to fresh air.
Obtain medical attention.

Ingestion: Obtain medical attention.
Induce vomiting as directed by medical personnel.
Never give anything by mouth to an unconscious person.
Drink a large amount of water.

Additional information: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any inaccuracies.

Section 9: ADDITIONAL INFORMATION

General note: This material safety data sheet was prepared from information obtained from various sources, including product suppliers and the Canadian Center for Occupational Health and Safety.

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Supplier MSDS date: 2009/08/19

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