



## Safety Data Sheet

### Crystal Foam Regular

#### SECTION 1. IDENTIFICATION

**Product Identifier** Crystal Foam Regular  
**Other Means of Identification** Code No. A21202-12R  
**Recommended Use** Fabric and Carpet Cleaner.  
**Restrictions on Use** Use only as directed according to label instructions.  
**Manufacturer/Supplier Identifier** Leysons Products, a division of 1787528 Ontario Inc., 1366 Sandhill Drive, Ancaster, Ontario, L9G 4V5, (905) 648-7832  
**Emergency Phone No.** Mark Bryans, (905) 648-7832 ext 351, Monday to Friday, 8:00 AM to 3:30 PM  
CANUTECH, 613-996-6666, 24-hr for Emergencies involving Dangerous Goods  
**SDS No.** 0775

#### SECTION 2. HAZARD IDENTIFICATION

##### Classification

Gas under pressure - Compressed gas; Eye irritation - Category 2A

##### Label Elements



##### Warning

Contains gas under pressure; may explode if heated.

May irritate the respiratory system.

Protect from sunlight.

Store in cool, well ventillated area.

#### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
2-Butoxyethanol	111-76-2	1-3		
n-Butane	106-97-8	1-5		
Propane	74-98-6	1-3		
Ammonium hydroxide	1336-21-6	0-1		

##### Notes

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

Concentrations are expressed in % weight/weight.

Product Identifier: Crystal Foam Regular - Ver. 1  
Date of Preparation: November 29, 2023  
Date of Last Revision:

SDS No.: 0775

Page 01 of 07

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

If irritation is experienced, remove person to fresh air.

If experiencing respiratory symptoms (e.g. coughing, shortness of breath, wheezing), call a Poison Centre or doctor.

#### Skin Contact

IF ON SKIN (or hair), remove all contaminated clothing and launder before reuse.

Rinse skin with plenty of water or shower.

Call a physician if irritation develops or persists.

#### Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open.

Remove contact lenses, if present and easy to do.

If eye irritation persists, get medical advice or attention.

#### Ingestion

Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting.

If vomiting occurs naturally, lie on your side in the recovery position. Rinse mouth with water again.

Immediately call a Poison Centre or doctor.

### Most Important Symptoms and Effects, Acute and Delayed

May irritate the respiratory system.

May cause skin irritation on prolonged contact.

Harmful if swallowed. May cause moderate to severe eye irritation.

### Immediate Medical Attention and Special Treatment

#### Target Organs

Eyes, skin, respiratory system.

#### Medical Conditions Aggravated by Exposure

Asthma, skin allergies.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Foam, alcohol foam, carbon dioxide, dry chemical and water fog.

#### Unsuitable Extinguishing Media

Water may be ineffective but can be used to cool containers exposed to heat or flame.

### Specific Hazards Arising from the Product

Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Liquid content of container will support combustion. Overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent. Obtain medical attention. Hazardous decomposition products include carbon dioxide, carbon monoxide and other toxic fumes.

### Special Protective Equipment and Precautions for Fire-fighters

Containers may explode if heated.

Wear full fire fighting equipment and self contained breathing apparatus.

Fire-fighters may enter the area if positive pressure SCBA and full Bunker Gear is worn.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

Increase ventilation to area or move leaking container to a well-ventilated and secure area.

Eliminate all ignition sources. Use grounded, explosion-proof equipment.

Wear protective gloves and eye protection as a precaution.

Wear a NIOSH approved air-purifying respirator with an organic vapour cartridge.

Avoid breathing vapours.

#### Environmental Precautions

Do not allow into any sewer, on the ground or into any waterway.

If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas.

Minimize the use of water to prevent environmental contamination.

#### Methods and Materials for Containment and Cleaning Up

Contain and collect spillage with non-combustible absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

## SECTION 7. HANDLING AND STORAGE

#### Precautions for Safe Handling

Do not get in eyes, on skin or on clothing.

Do not spray on an open flame or other ignition source. Do not pierce or burn container, even after use.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Avoid breathing in this product.

Wear gloves and eye protection as a precaution.

Do not puncture or incinerate (burn) cans. Do not stick pins, nails or any other sharp objects into opening on top of can.

Do not spray in eyes. Do not take internally.

#### Conditions for Safe Storage

Keep out of reach of children in a tightly closed container away from food, drink and animal feed.

Store and use in a cool, dry, well-ventilated area. Do not store above 48 C (120F).

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
2-Butoxyethanol	20 ppm		25 ppm			
n-Butane		1000 ppm				
Propane	1800 mg/m3					
Ammonium hydroxide	25 ppm		35 ppm			

#### Appropriate Engineering Controls

Use ventilation adequate to keep exposures (airborne levels of vapour) below the recommended exposure limits.

#### Individual Protection Measures

##### Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible.

Eyewash stations and showers should be available in areas where this material is used and stored.

##### Skin Protection

Use solvent-resistant protective gloves for prolonged or repeated contact.

##### Respiratory Protection

Avoid breathing vapours. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapour. In confined areas, use an approved air line respirator or hood. A self-contained breathing apparatus is required for vapour concentrations above PEL/TLV limits.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Basic Physical and Chemical Properties

Product Identifier: Crystal Foam Regular - Ver. 1

Date of Preparation: November 29, 2023

Date of Last Revision:

SDS No.: 0775

Page 03 of 07

<b>Appearance</b>	Clear liquid.
<b>Odour</b>	Not available
<b>Odour Threshold</b>	Not available
<b>pH</b>	11.4
<b>Melting Point/Freezing Point</b>	Not available (melting); Not available (freezing)
<b>Boiling point/Initial boiling point</b>	Not available
<b>Boiling Range</b>	Not available
<b>Flash Point</b>	> 93 °C
<b>Flammability (solid, gas)</b>	Will not burn.
<b>Upper/Lower Flammability or Explosive Limit</b>	Not available (upper)
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air = 1)</b>	Not applicable
<b>Relative Density (water = 1)</b>	Not available
<b>Solubility</b>	Soluble in water; Not available (in other liquids)
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available (kinematic); Not available (dynamic)
<b>Other Information</b>	
<b>Other Physical Property 2</b>	VOC content by weight 5%

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions of use.

### Chemical Stability

Normally stable.

### Conditions to Avoid

High temperatures.

Freezing.

Incompatible materials.

### Incompatible Materials

Strong acids (e.g. hydrochloric acid), strong oxidizing agents (e.g. perchloric acid), strong reducing agents (e.g. hydrides).

### Hazardous Decomposition Products

May include but are not limited to oxides of carbon, nitrogen and ammonia.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Inhalation.

Skin contact.

Skin absorption.

Eye contact.

Ingestion.

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
2-Butoxyethanol	450 ppm (rat) (4-hour exposure)	530 mg/kg (rat)	400-500 mg/kg (rabbit)
n-Butane	658,000 mg/L (rat) (4-hour exposure) (vapour)		
Propane	658 mg/L (rat) (4-hour exposure) (gas)		
Ammonium hydroxide	2000 ppm (rat) (4-hour exposure)	350 mg/kg (rat)	

#### **Skin Corrosion/Irritation**

May cause irritation or symptoms such as redness, edema, drying, defatting or cracking of the skin.

#### **Serious Eye Damage/Irritation**

May cause serious eye irritation based on information for closely related materials.

#### **STOT (Specific Target Organ Toxicity) - Single Exposure**

##### **Inhalation**

May cause irritation of the respiratory system.

##### **Skin Absorption**

May cause irritation on prolonged contact.

##### **Ingestion**

Harmful if swallowed.

#### **Aspiration Hazard**

May be drawn into the lungs (aspirated) if swallowed or vomited.

#### **STOT (Specific Target Organ Toxicity) - Repeated Exposure**

No chronic effects are expected provided adequate person protection is taken during usage.

#### **Respiratory and/or Skin Sensitization**

Not expected to cause respiratory system problems when used in well ventilated areas with adequate respiratory system protection.

#### **Carcinogenicity**

Not known to cause cancer.

#### **Reproductive Toxicity**

##### **Development of Offspring**

Not known to harm the unborn child.

##### **Sexual Function and Fertility**

Not known to cause effects on sexual function or fertility.

##### **Effects on or via Lactation**

Not known to cause effects on or via lactation.

#### **Germ Cell Mutagenicity**

Not known to be a mutagen.

#### **Interactive Effects**

No information was located.

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

May cause long-term adverse effects in the aquatic environment.

### Persistence and Degradability

Biodegradable.

### Bioaccumulative Potential

No information was located.

### Mobility in Soil

No information was located.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Dispose of contents and container in accordance with local, regional, national and international regulations.

Product Identifier: Crystal Foam Regular - Ver. 1

SDS No.: 0775

Date of Preparation: November 29, 2023

Date of Last Revision:

Page 06 of 07

Do not cut, pressurize, weld or burn empty containers.

## SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	1950	Aerosols, Limited Quantity	2.2	If less than one liter, Limited Quantity

**Special Precautions** Please note: This product meets the exemption requirements and may be shipped as a "Limited Quantity".

### Transport in Bulk according to International Maritime Organization Instruments

Not applicable

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

#### Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by the Controlled Products Regulations.

#### USA

##### Toxic Substances Control Act (TSCA) Section 8(b)

Listed on the TSCA Inventory.

## SECTION 16. OTHER INFORMATION

<b>SDS Prepared By</b>	Mark Bryans
<b>Phone No.</b>	(905) 648-7832 ext 351
<b>Date of Preparation</b>	November 29, 2023
<b>Disclaimer</b>	<p>To the best of our knowledge, the information contained herein is accurate.</p> <p>However, the user of this product assumes all risks and responsibilities relating to the use of this product.</p> <p>No representation of warranties, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to the information or product to which the information refers.</p>

Product Identifier: Crystal Foam Regular - Ver. 1  
Date of Preparation: November 29, 2023  
Date of Last Revision:

SDS No.: 0775

Page 07 of 07