

# MATERIAL SAFETY DATA SHEET

ZeroGo Liquid MSDS

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## SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

Product Name: Zerogo Liquid

Chemical Formula: H 373

Manufacturer: Brodi Specialty Products Ltd.  
3175 14th Ave. Unit 1  
Markham, ON L3R 0H1  
Phone: (877) 744-0751

Emergency Telephone Number: (877) 744-0751

Date Prepared: December 1, 2011

Hazard Rating

HEALTH:	1	FLAMMABILITY:	0
REACTIVITY:	0	PERSONAL PROTECTION:	B

## SECTION II - INGREDIENTS (disclosed as per 29 CFR 1910.1200)

<u>Ingredients</u>	<u>CAS#</u>	<u>Wt%</u>	<u>ACGIH-TLV</u>
Magnesium Chloride	7791-18-6	10-30%	not established
Acetate	Blend	10-30%	not established
Corrosion Inhibitor	57-55-6	<2%	not established

## SECTION III - PHYSICAL DATA

Boiling Point (deg C):	NAP	Specific gravity:	1.30 @ 68°F
Composite Partial Vapour Pressure (mm Hg @ 25C):		Solubility in Water:	Miscible
pH (as supplied):	Slightly Alkaline	Color:	Green to Olive Green
Physical State:		Odor:	Odourless

## SECTION IV - FIRE AND EXPLOSION DATA

Flammability:	NON-FLAMMABLE
Flammable Limits:	UFL: Not applicable LFL: Not Available
Flash Point (deg C, TCC):	Non-combustible. Method: N/A Auto Ignition Temperature: N/A
Hazardous combustion products:	Toxic fumes of hydrogen chloride may be evolved when magnesium chloride is thermally decomposed.
Extinguishing Media:	Water spray, carbon dioxide, dry chemical
Special Fire Hazards:	NAP

## SECTION V - REACTIVITY DATA

Conditions for Chemical Instability:	Stable
Incompatible Materials:	Avoid contact with strong acids
Hazardous decomposition products:	Hydrogen chloride gas may be released if product is evaporated to dryness and heated to > 50°C

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## SECTION VI - TOXICOLOGICAL PROPERTIES

Acute Oral LD50: 2800mg/kg

Species: Rat

Acute Dermal LD50: not available

Species: Not available

Acute Inhalation LC50: not available

Duration: not available

Species: not available

Route of Entry: Skin contact, eye contact and ingestion are not likely to be a primary route of exposure

### EFFECTS OF ACUTE EXPOSURE:

Eye: Mild Irritant

Skin: Mild Irritant

Inhalation (of mists): NAP

Ingestion:

### EFFECTS OF CHRONIC EXPOSURE:

Eyes: Irritant

Carcinogenicity: Not a carcinogen. Negative in 96-week oral B6C3F1 mouse study, ranging up to 2% of diet.

Teratogenicity: No data available

Reproductive Effects: No data available

Neurotoxicity: No data available

Mutagenicity: No data available

## SECTION VII- PREVENTATIVE MEASURES

Protective gloves: Rubber gloves

Eye protection: Chemical goggles

Respiratory protection: NIOSH approved dust/mist respirator as necessary

Other protective equipment:

Engineering controls: All available engineering controls to minimize risk should be used.

Leak and Spill Procedure:

Waste disposal: In accordance with Federal/Provincial and local regulations.

Storage Requirements: Ventilated conditions for storage. Keep away from strong acids to prevent release of hydrogen chloride gas.

## SECTION VIII - FIRST AID

Eye contact: Immediately flush eyes with water, remove contact lenses, if present, after the first 5 minutes, then continue flushing eyes for at least 15 minutes. Obtain medical attention without delay.

Skin contact: Wash skin with plenty of water. Medical personnel should examine the area if irritation or pain persists after the area has been washed.

Inhalation: In the unlikely event that a person would be exposed to an airborne mist of such magnitude as to be overcome, remove the person to fresh air immediately. If breathing has stopped, give artificial respiration. Keep affected person warm and at rest. Seek immediate medical attention.

Ingestion: If swallowed, induce vomiting to prevent further absorption. Do not give anything by mouth to an unconscious person. Give oxygen if respiration is shallow. Seek immediate medical attention.

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## SECTION IX - PREPARATION DATA OF MATERIAL SAFETY DATA SHEET

Additional information/comments:

Prepared By: MSDS Co-ordinator, (877) 744-0751 ext 205, Brodi Specialty Products Ltd.

NAP - Not Applicable, NAV - Not Available.

### Disclaimer

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