

## Showcase

MSDS Number: A275E

Revision Date: 5/12/15

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### 1 PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

Wechem, Inc  
5734 Susitna Dr  
Harahan, LA 70123

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**Web:** www.wechem.com

**Product Name:** Showcase  
**Revision Date:** 5/12/15  
**MSDS Number:** A275E  
**Product Code:** A275  
**Product Use:** Foaming Glass Cleaner

Emergency Telephone Number:  
INFOTRAC  
1-800-535-5053

### 2 HAZARDS IDENTIFICATION

- Route of Entry:** Ingestion, skin absorption, eye, inhalation
- Inhalation:** Prolonged inhalation may be harmful.
- Skin Contact:** No adverse effects due to skin contact are expected.
- Eye Contact:** Causes temporary irritation.
- Ingestion:** Expected to be a low ingestion hazard.

PERSONAL PROTECTION INDEX											
A						G					
B						H					
C						I					
D						J					
E						K					
F						X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions				
A	n	o	p	q	r	s					
<small>Safety Glasses</small>	<small>Splash Goggles</small>	<small>Face Shield &amp; Eye Protection</small>	<small>Gloves</small>	<small>Boots</small>	<small>Synthetic Fabric</small>	<small>Full Suit</small>					
t	u	w	y	z							
<small>Dust Respirator</small>	<small>Vapor Respirator</small>	<small>Dust &amp; Vapor Respirator</small>	<small>Full Face Respirator</small>	<small>Airline Hood or Mask</small>							
							Additional Information				

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GHS Signal Word:

DANGER

GHS Hazard Pictograms:



GHS Classifications:

Physical, Flammable Aerosols, 1

GHS Phrases:

H222 - Extremely flammable aerosol

GHS Precautionary Statements:

P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking

P211 - Do not spray on an open flame or other ignition source.

P251 - Pressurized container: Do not pierce or burn, even after use.

P264 - Wash hands after handling.

P301 - IF SWALLOWED: Rinse mouth. Get medical attention if symptoms occur.

P302 - IF ON SKIN: Wash hands after handling.

P304 - IF INHALED: Move to fresh air. Call a physician if symptoms develop or persist.

P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do.

Continue rinsing.

P313 - Get medical advice/attention if irritation develops and persists.

P410+412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

P501 - Dispose of waste and residues in accordance with local authority requirements.

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### COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients:**

Cas #	Chemical Name	Perc.	OSHA PEL (ppm)	ACGIH TLV(ppm)	Carcin. Ref.
111-76-2	2-Butoxyethanol	2.5-10%	50	20	D
67-63-0	Isopropyl alcohol	2.5-10%	50	200	D
106-97-8	Butane	1-2.5%	NA	1000	D
74-98-6	Propane	1-2.5%	1000	NA	D
Other components below reportable levels		90-100%			

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### FIRST AID MEASURES

- Inhalation:** Move to fresh air. Call a physician if symptoms develop or persist.
- Skin Contact:** Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists.
- Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
- Ingestion:** Rinse mouth. Get medical attention if symptoms occur.

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### FIRE FIGHTING MEASURES

**Flammability:** Extremely Flammable Aerosol  
**Flash Point:** -156 Deg F (-104.4 Deg C) Propellant estimated

Extinguishing media: Water fog. Foam. Water fog. Dry chemical powder. Carbon dioxide (CO2). Do not use water jet as an extinguisher, as this will spread the fire.

Unusual Fire & Explosion Hazard: Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

Special Fire fighting procedures: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Use standard firefighting procedures and consider the hazards of other involved materials. Move container from fire area if it can be done without risk. In the event of fire and/or explosion do not breathe fumes.

Extremely flammable aerosol.

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### ACCIDENTAL RELEASE MEASURES

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Prevent entry into waterways, sewer, basements or confined areas. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

Avoid discharge into drains, water courses or onto the ground.

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### HANDLING AND STORAGE

**Handling Precautions:**

Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not re-use empty containers. Avoid breathing gas. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

Level 1 Aerosol

**Storage Requirements:**

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50C/122F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Refrigeration recommended. Store away from incompatible materials ( see Section 10 of the SDS).

Level 1 Aerosol (NFPA 30B).

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### EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:**

Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established maintain airborne levels to an acceptable level.

**Personal Protective Equip:**

Respiratory Protection: If permissible levels are exceeded use NIOSH mechanical filter/organic vapor cartridge or an air-supplied respirator.

Protective gloves: Wear appropriate chemical resistant gloves.

Eye protection: Wear safety glasses with side-shields (or goggles)

Wear appropriate chemical resistant clothing.

Wear appropriate thermal protective clothing, when necessary.

When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

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### PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Aerosol  
**Physical State:** Gas  
**Odor Threshold:** NA  
**Spec Grav./Density:** (H2O=1): 0.977 estimated  
**Boiling Point:** 212 F (100 C) estimated  
**Flammability:** Extremely Flammable  
**Vapor Pressure:** 23.01 psig @ 70 F estimated

**Odor:** Not available  
**Flash Point:** -156 Deg F (-104.4 Deg C) Propellant estim  
**VOC:** 9.48%  
**UFL/LFL:** NA

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### STABILITY AND REACTIVITY

<b>Stability:</b>	Stable and non-reactive under normal conditions of use, storage and transport.
<b>Conditions to Avoid:</b>	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials. Fire or intense heat may cause violent rupture of packages.
<b>Materials to Avoid:</b>	Strong oxidizing agents.
<b>Hazardous Decomposition:</b>	No hazardous decomposition products are known.
<b>Hazardous Polymerization:</b>	Does not occur.

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### TOXICOLOGICAL INFORMATION

Ingestion Expected to be a low ingestion hazard.

Inhalation Prolonged inhalation may be harmful.

Skin contact No adverse effects due to skin contact are expected.  
 2-Butoxyethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.

Eye contact Direct contact with eyes may cause temporary irritation.

Expected to be a low hazard for usual industrial or commercial handling by trained personnel.

#### 19 OZ SHOWCASE (CAS Mixture)

##### Acute

Dermal	LD50 8024.9819 ml/kg, 24 hrs. estimated (Guinea pig)
	LD50 254.7059, 4 days estimated (Guinea pig)
	LD50 14341.6611 mg/kg, 24 hrs, estimated (Rabbit)
	LD50 123.1575 ml/kg, 24 hrs, estimated (rabbit)
	LD50 48924.4766 mg/kg estimated (Rat)
	LD50 48924.4766 mg/kg estimated (Rat)
Inhalation	LC100 2570.7676% estimated (Cat)
	LC50 35333.7695 mg/l, 120 mins. estimated (Mouse)
	LC50 9326.4248 mg/l, 2 hrs. estimated (Mouse)
	LC50 1485.3324 %, 120 mins estimated (Mouse)
	LC50 13956.4902 ppm, 7 hrs estimated (Rabbit)
	LC50 15065.1768 ppm, 4 hrs estimated (Rat)
	LC50 8635.582 mg/l 6 hrs estimated (Rat)
	LC50 3784.0303 mg/l, 4 hrs estimated (Rat)
	LC50 2223.3066 mg/l 4 hrs estimated (Rat)
	LC50 2223.3066 mg/l 4 hrs estimated (Rat)
Oral	LD100 24249.4023 mg/kg estimated (Rabbit)
	LD50 24249.4023 mg/kg estimated (Dog)
	LD50 38451.5547 mg/kg estimated (Guinea pig)
	LD50 18116.5254 mg/kg estimated (Rat)

##### Components:

#### 2-Butoxyethanol (111-76-2)

##### Acute

Dermal	LD50 230 ml/kg, 24hrs (Guinea pig)
	LD50 7.3 ml/kg, 4 Days (Guinea pig)
	LD50 450 ml/kg, 24 hrs (Rabbit)
	LD50 435 mg/kg, 24 hrs (Rabbit)
	LD50 0.63 ml/kg (Rabbit)
LD50 >2000 mg/kg, 24hrs (Rat)	

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Inhalation LC50 400 ppm, 7 hrs (Rabbit)  
LC50 450 ppm, 4 hrs (Rat)  
Oral LD100 695 mg/kg (Rabbit)  
LD50 >695 mg/kg (Dog)  
LD50 1200 mg/kg (Guinea pig)  
LD50 530-2800 mg/kg (Rat)

### Butane (CAS 106-97-8)

Inhalation LC50 1237 mg/l, 120 mins. (Mouse)  
LC50 52%, 120 minutes (Mouse)  
LC50 1355 mg/l (Rat)

### Isopropyl alcohol (67-63-0)

Dermal LD50 16.4 ml/kg, 24 hrs (Rabbit)  
Inhalation LC50 >10000 ppm, 6 hrs (Rat)  
Oral LD50 5.84 g/kg (Rat)

### Propane (CAS 74-98-6)

Inhalation LC50 1237 mg/l, 120 mins. (Mouse)  
LC50 52%, 120 minutes (Mouse)  
LC50 1355 mg/l (Rat)  
LC50 658 mg/l, 4h (Rat)

Prolonged skin contact may cause temporary irritation.  
Direct contact with eyes may cause temporary irritation.

Not a respiratory sensitizer.

This product is not expected to cause skin sensitization.

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

This product is not expected to cause reproductive or developmental effects.

Product may cause drowsiness and dizziness.

Not an Aspiration hazard. Not likely, due to the form of the product.

Prolonged inhalation may be harmful. May be harmful if absorbed through skin.

2-Butoxyethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.

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### ECOLOGICAL INFORMATION

#### Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

#### 19 OZ SHOWCASE (CAS Mixture)

Algae IC50 34542.3125 mg/L, 72 hrs estimated (Algae)

Fish LC50 41786.0039 mg/L, 96h

#### Components:

2-Butoxyethanol (111-76-2)

#### Aquatic

Fish LC50 1250 mg/l, 96 hrs Inland silverside (*Menidia beryllina*)

#### Isopropyl alcohol (67-63-0)

#### Aquatic

Algae IC50 10000.0001 mg/L, 72 hrs (Algae)

Crustacea EC50 13299 mg/L, 48 hrs. (*Daphnia*)

Fish LC50 >1400 mg/l, 96 hrs Bluegill (*Lepomis macrochirus*)

No data is available on the degradability of this product.

No data on bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)

2-Butoxyethanol 0.83

Butane 2.89

Isopropyl alcohol 0.05

Propane 2.36

No data on the mobility in soil.

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

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### DISPOSAL CONSIDERATIONS

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance with local/regional/national/international regulations.

Dispose in accordance with all applicable regulations.

The waste code should be assigned in discussion between user, the producer and the waste disposal company.

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see Disposal instructions).

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.



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### TRANSPORT INFORMATION

#### DOT

UN number	UN1950
UN proper shipping name	Aerosols, flammable ( each not exceeding 1 L capacity)
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	N82
Packaging exceptions	306
Packaging non bulk	None
Packaging bulk	None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity until 12/31/2020, the "Consumer Commodity-ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking on both and may be displayed concurrently.

#### IATA

UN number	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable
Environmental hazards	Yes
ERG Code	10L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo	Allowed
Aircraft	
Cargo aircraft only	Allowed
Packaging exceptions	LTD QTY

#### IMDG

UN number	UN1950
UN proper shipping name	AEROSOLS
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable
Environmental hazards	
Marine pollutant	No
EmS	F-D, S-U
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Packaging exceptions	LTD QTY
Transport in bulk according to AnnexII of MARPOL 73/78 and	Not applicable.

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the IBC Code



<b>15</b>	<b>REGULATORY INFORMATION</b>
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COMPONENT / (CAS/PERC) / CODES

- 
- \*2-Butoxyethanol (111762 2.5-10%) HAP, MASS, OSHAWAC, PA, SARA313, TSCA, TXAIR
  - \*Isopropyl alcohol (67630 2.5-10%) MASS, NJHS, NRC, OSHAWAC, PA, TSCA, TXAIR
  
  - \*Butane (106978 1-2.5%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR
  - \*Propane (74986 1-2.5%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR

REGULATORY KEY DESCRIPTIONS

- 
- MASS = MA Massachusetts Hazardous Substances List
  - OSHA = OSHA workplace Air Contaminants
  - PA = PA Right-To-Know List of Hazardous Substances
  - TXAIR = TX Air Contaminants with Health Effects Screening Level
  - CERCLA = Superfund clean up substance
  - HAP = Hazardous Air Pollutants
  - NJHS = NJ Right-to-Know Hazardous Substances
  - TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
  - TSCA = Toxic Substances Control Act
  - TXHWL = TX Hazardous Waste List
  - SARA313 = SARA 313 Title III Toxic Chemicals
  - NRC = Nationally Recognized Carcinogens

<b>16</b>	<b>OTHER INFORMATION</b>
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We believe the statements technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. \*\* Chemical listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not listed [e] Animal data only  
 N/A = Not available                      N/D = Not determined