

JEENE CONCRETE CLEANER

Version 1.3

06/30/2006

1. PRODUCT AND COMPANY INFORMATION

Company : **Watson Bowman Acme Corporation**
95 Pineview Drive
Amherst, NY 14228

Telephone : 216-839-8000

Emergency telephone number : (800) 424-9300
(703) 527-3887 (Outside Continental US)

Product name : JEENE CONCRETE CLEANER

MSDS ID No. : 11555

TSCA Inventory : All components of this product are included, or are exempt from inclusion, in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Canadian DSL : All components of this product are included, or are exempt from inclusion, in the Canadian Domestic Substance List (DSL).

Product Use Description : Cleaner

2. HAZARDOUS INGREDIENTS

<u>Chemical</u>	<u>CAS No.</u>	<u>TLV</u>	<u>STEL</u>	<u>PEL</u>	<u>CEIL</u>	<u>Weight %</u>
ISOPROPANOL	67-63-0	200 ppm	400 ppm	400 ppm	N.E.	60.00 - 100.00 %

3. HAZARDS IDENTIFICATION

HMIS® Rating	HEALTH	FLAMMABILITY	PHYSICAL HAZARD
	2	3	0

WHMIS Class : D2B
B2

Primary Routes of Entry : Inhalation
Ingestion
Eye contact
Skin contact

Effects of Overexposure

Inhalation : Vapors can be irritating to nose and mucus membranes. Exposures to high levels can result in narcotic effect, CNS depression, dizziness, vertigo, blurred vision, headaches, shortness of breath and possible unconsciousness.

Skin : Can cause slight to moderate irritation. Prolonged or repeated skin contact tends to remove skin oils possibly leading to irritation and dermatitis.

Eyes : Can cause moderate to severe irritation, redness, tearing and blurred vision. Prolonged contact with vapors cause corneal injury.

Ingestion : Intake can cause gastrointestinal irritation, nausea, vomiting, diarrhea, headache, and

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drowsiness.

Carcinogenicity

	ACGIH	IARC	NTP	OSHA
ISOPROPANOL	Not classifiable as a human carcinogen.	Sufficient data.	N.E.	N.E.

4. FIRST AID MEASURES

- Eye contact : Flush eyes with water, lifting upper and lower lids occasionally for 15 minutes. Seek medical attention.
- Skin contact : Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before reuse.
- Ingestion : Drink 1 or 2 glasses of water. Induce vomiting, but only if victim is fully conscious. Obtain medical attention.
- Inhalation : Remove victim from exposure. If difficulty with breathing, administer oxygen. If breathing has stopped administer artificial respiration, preferably mouth-to-mouth. Seek immediate medical attention.

5. FIRE-FIGHTING MEASURES

- Flash point : 54 °F (12 °C) Method: ASTM D 56
- Autoignition temperature : no data available
- Lower explosion limit : 2 %(V)
- Upper explosion limit : 12.7 %(V)
- Suitable extinguishing media : water spray
foam
carbon dioxide (CO₂)
dry chemical
- Fire and Explosion Hazards : Vapors can travel to a source of ignition and flash back. Can be ignited by static charges.
- Special Fire-fighting Procedures : As in any fire, wear pressure demand self-contained breathing apparatus (NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

- Methods for cleaning up : Remove sources of ignition. Absorb small spills with sand or vermiculite; sweep up and place in a compatible container for later disposal. Dike large spills for later recovery or disposal. If a vapor cloud forms, use water fog to suppress it.

7. HANDLING AND STORAGE

- Handling : For personal protection see section 8. Avoid inhalation of vapour or mist. Use only in area provided with appropriate ventilation.

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Storage : Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye protection : Wear as appropriate:
goggles
safety glasses with side-shields

Hand protection : Wear as appropriate:
rubber gloves
Wear Chemically resistant gloves.

Body Protection : Wear as appropriate:
impervious clothing

Respiratory protection : In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use NIOSH approved respirators.

Hygienic Practices : Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice. When using, do not eat, drink or smoke.

Engineering Controls : Local exhaust ventilation can be necessary to control any air contaminants to within their TLVs during the use of this product. Confined spaces, rooms, or tanks are areas where concern for TLV's is especially important.

9. PHYSICAL AND CHEMICAL PROPERTIES

Color : colourless

Physical State : liquid

Odor : acetone-like

pH : no data available

Odor Threshold : no data available

Vapor Pressure : 33 mm/Hg at 68 °F (20 °C)

Vapor Density : 2.1 (Air = 1)

Boiling point/range : 180.1 °F (82.3 °C)

Freeze Point : -128 °F (-89 °C)

Water solubility : completely soluble

Specific Gravity : 0.787

Viscosity : no data available

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Evaporation rate : 2.9

Partition coefficient (n-octanol/water) : 0.14

VOC Concentration as applied (less water and exempt solvents) : 785 g/l

10. STABILITY AND REACTIVITY

Stability : Stable under normal conditions.

Conditions to avoid : Extremes of temperature and direct sunlight.
Heat, flames and sparks.

Materials to avoid : strong oxidizing agents
halogenated compounds
Strong inorganic acids
Aldehydes

Hazardous decomposition products : carbon oxides

Hazardous polymerization : Will not occur under normal conditions.

11. TOXICOLOGICAL INFORMATION

Acute inhalation toxicity

<u>Product</u>	<u>Type</u>	<u>Value</u>	<u>Species</u>	<u>Exposure time</u>
	LC50	no data available		
<u>Component</u>				
ISOPROPANOL	LC50	no data available		

Acute oral toxicity

<u>Product</u>	<u>Type</u>	<u>Value</u>	<u>Species</u>
	LD50 (Oral)	no data available	
<u>Component</u>			
ISOPROPANOL	LD50 (Oral)	3,160 mg/kg	

Acute dermal toxicity

<u>Product</u>	<u>Type</u>	<u>Value</u>	<u>Species</u>
	LD50 (Dermal)	no data available	
<u>Component</u>			

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ISOPROPANOL

LD50 (Dermal) no data available

12. ECOLOGICAL INFORMATION

Ecotoxicological Information : There is no data available for this product.

13. DISPOSAL CONSIDERATIONS

Recommendations: Use excess product in an alternate beneficial application. Handle disposal of waste material in manner which complies with local, state, province and federal regulation.

14. TRANSPORT INFORMATION

DOT	:	Proper shipping name	ISOPROPANOL
		UN-No	1219
		Class	3
		Packaging group	II
		Primary Label	Flammable liquid

IATA	:	Proper shipping name	ISOPROPANOL
		UN-No	1219
		Class	3
		Packaging group	II
		Primary Label	Flammable liquid

15. REGULATORY INFORMATION

SARA 311/312 (RTK)

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE (ACUTE) HEALTH HAZARD DELAYED (CHRONIC) HEALTH HAZARD FIRE HAZARD

SARA 313

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

<u>Weight %</u>	<u>CAS No.</u>	<u>Chemical Name</u>
60.00 - 100.00 %	67-63-0	ISOPROPANOL

CERCLA

CERCLA section 103(a) specifically requires the person in charge of a vessel or facility to report immediately to the National Response Center (NRC) a release of a hazardous substance whose amount equals or exceeds the assigned RQ. The following hazardous substances are contained in this product.

<u>RQ</u>	<u>CAS No.</u>	<u>Chemical Name</u>
100 lbs	67-63-0	ISOPROPANOL

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TSCA Section 12(b) Export Notification

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

<u>CAS No.</u>	<u>Chemical Name</u>
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There are no TSCA 12(b) Chemicals in this product.

California Proposition 65

The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm. Unless otherwise specified in Section 2 of this MSDS, these chemicals are present at < 0.1%:

<u>CAS No.</u>	<u>Chemical Name</u>
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There are no Proposition 65 chemicals known to exist in this product.

16. OTHER INFORMATION

Legend : N.E. - Not Established
TLV - Threshold Limit Value
STEL - Short Term Exposure Limit
PEL - Permissible Exposure Limit
CEIL - Ceiling

Prepared By : Environment, Health and Safety Department

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End of MSDS.