

**CAVITY CONDITIONER**  
**MATERIAL SAFETY DATA SHEET****SECTION 1 - SOURCE/IDENTITY/USE INFORMATION****MANUFACTURER**

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**COMMON NAME:** CAVITY CONDITIONER**CHEMICAL NAME:** N.A.**PRODUCT USE:** Cavity Conditioning Agent

The following information is provided with regard to the toxicity and hazards of the pure components present in this product.

**SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

COMPONENT	C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Polyacrylic acid	9003-01-4	TWA=10 ppm (ACGIH)	LD50=2500mg/kg (oral rat) LC50=N.E.	20
Distilled water	7732-18-5	N.E.	N.E.	77
Aluminum chloride hydrate	7784-13-6	TWA=2mg Al/m <sup>3</sup> (soluble salts) (ACGIH)	LD50=770mg/kg (oral, mouse) LC50=N.E.	3
Food additive Blue No. 1	3844-45-9	N.E.	N.E.	<0.1

**SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES**

**BOILING POINT:** 101°C  
**VAPOR PRESSURE:** N.E.  
**VAPOR DENSITY:** N.E.  
**SOLUBILITY IN WATER:** N.E.  
**COEFFICIENT OF OIL/WATER DISTRIBUTION:** N.E.

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 1.18  
**MELTING POINT:** 13°C  
**EVAPORATION RATE:** N.E.  
**ODOR THRESHOLD:** N.E.  
**APPEARANCE AND ODOR:** Blue, slightly viscous and odorless liquid

**SECTION 4 - FIRE AND EXPLOSION DATA****FLASH POINT:** Not flammable**FLAMMABLE LIMITS:** N.E.**EXTINGUISHING MEDIA:** Alcohol foam**SPECIAL FIRE FIGHTING PROCEDURES:** Full protective clothing and self-contained breathing apparatus**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None**HAZARDOUS COMBUSTION PRODUCTS:** Emits acrid smoke when heated beyond boiling point**SECTION 5 - REACTIVITY DATA**

**STABILITY:** Stable  Unstable   
**POLYMERIZATION:** Will Not Occur  Will Occur

**CONDITIONS TO AVOID:** High heat**INCOMPATIBILITY (Materials to Avoid):** Alkaline, will inactivate product.**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** N.E.

**SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION**

	YES	NO	NE	NA	NTP	IARC	OSHA	OTHER
MUTAGENIC AFFECTS		X						
TERATOGENIC AFFECTS		X						
REPRODUCTIVE TOXIN		X						
CARCINOGENICITY		X						
SENSITIZER		X						

ROUTES OF ENTRY: Inhalation  Skin  Ingestion 

**HEALTH HAZARD (Acute and Chronic):** Acidic solution (pH =1.90), care should be taken to avoid contact with skin or eyes. Aluminum chloride Hexahydrate maybe toxic on ingestion.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** N.E.

**CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** N.E.

**EMERGENCY FIRST AID PROCEDURES:**

**INGESTION:** Do not induce vomiting. Give large volumes of water. Seek medical attention.

**SKIN:** Wash with soap and water. If irritation develops, seek medical attention.

**EYES:** Flush with water for 15 minutes. If irritation develops, seek medical attention.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**

**IN CASE OF RELEASE OR SPILL:** Soak up spill with absorbent material. Flush area with water.

**WASTE DISPOSAL METHOD:** In accordance with local, state and federal regulations.

**STORAGE, HANDLING, AND SPECIAL PRECAUTIONS:** Store in a cool dry place in tightly closed container.

**SECTION 8 - CONTROL MEASURES**

**RESPIRATORY PROTECTION:** None required

**VENTILATION:** Local Exhaust: N.A. Mechanical: N.E. Special: N.E. Other: N.E.

**PROTECTIVE GLOVES:** Latex gloves are recommended

**EYE PROTECTION:** Goggles or full-face shield

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Do not spill on clothing. Eyewash station

**WORK/HYGIENIC PRACTICE:** N.E.

**SECTION 9- PREPARATION INFORMATION**

*This data is supplied to comply with OSHA Hazard Communication Standard 29 CFR 1910,1200 and W.H.M.I.S. CPR*

**DATE:** 16 May 2006

**REVIEWED:** 15 January 2009

N.A. = NOT APPLICABLE

N.E. = NOT ESTABLISHED

*The information herein is given in good faith but no warranty expressed or implied is made.*

FIRE – 0

TOXICITY – 1

NFPA  
REACTIVITY – 1

SPECIAL– ACID, CORR