

MATERIAL SAFETY DATA SHEET

38778 ITEK MEGA CMS + FOUNTAIN CONCENTRATE

Revision Date:1/20/00

Section I - Product Identification

Manufacturer's Name A.B. DICK COMPANY	Emergency Phone Number: (24 HOURS) CHEMTREC @ (800)424-9300
Street Address 7400 CALDWELL AVENUE	MSDS Request Phone Number: 1-800-752-5139, Ext. 2745
City, State, Zip Code NILES, IL 60714	For MSDS via Fax: 1-800-995-0088
Product Use: OFFSET PRINTING.	Date Prepared: October 15, 1999
	Prepared By: Arpie O. Korkin (GESAP Inc.)

Chemical Name, Trade Name, Synonyms: WATER BASE MIXTURE, ITEK MEGA CMS + FOUNTAIN CONCENTRATE 38778

HMIS RATING

1 - Health 0 - Flammability 0 - Reactivity B - Personal Protection

Section II - Ingredients

Components	CAS NO.	% WT.	Exposure Limits		
			OSHA PEL	ACGIH TLV	OTHER
WATER	7732-18-5	25-60	NONE	NONE	
2 BUTOXYETHANOL	111-76-2	5-30	25 ppm (skin)	25 ppm (skin)	
POLYETHYLENE GLYCOL	25322-68-3	5-15	NONE	NONE	
AMMONIUM NITRATE	6484-52-2	1-3	N.D.	N.D.	

Section III - Physical Data

Boiling POINT(F): 214 F | pH: N.A.

Vapor Pressure(mm Hg): <1 | Freezing Point(F): N.D.

Vapor Density (AIR = 1): <1 | VOC: 2.52 LBS/GAL

Specific Gravity (H2O=1): 1.00 | Color And Odor: CLEAR PINK/GLYCOL ETHER ODOR

Odor Threshold: N.D. | Physical State: LIQUID

Evaporation Rate (Butyl Acetate - 1): N.D.

Solubility in water: COMPLETE.

Section IV - Fire and Explosion Hazard Data

FLASH POINT (METHOD USED): >200 F | Flammable Limits:
| LFL: 1.00 | UFL: 10.00

Auto-ignition Temperature: N.D.

Extinguishing Media: USE WATER, CARBON DIOXIDE, AND DRY CHEMICAL.

Special Fire Fighting Procedures: FIREMEN SHOULD WEAR A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING. BURNING OF CONFINED AMMONIUM NITRATE COULD LEAD TO DETONATION.

Unusual Fire And Explosion Hazards: WATER SPRAY MAY BE USEFUL IN MINIMIZING VAPORS AND COOLING CONTAINERS EXPOSED TO HEAT AND FLAME. AVOID SPREADING BURNING LIQUID WITH WATER USED FOR COOLING PURPOSES.

Section V - Reactivity Data

Stability Unstable : | Conditions to Avoid: OPEN FLAME AND EXCESSIVE HEAT.
 Stable : X |

Incompatibility (Materials to Avoid): INCOMPATIBLE MATERIALS, ORGANIC MATERIALS OR EXPLOSIVES.

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Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE, AMMONIA, NITROGEN OXIDE, NITROUS OXIDE, NITROGEN AND OTHER MATERIALS.

Hazardous | May Occur: | Conditions to Avoid: OPEN FLAME AND EXCESSIVE
Polymerization | Will Not Occur: X | HEAT.

Section VI - Health Hazard Data (Acute and Chronic)

Primary Route(s) of Entry: INHALATION, INGESTION.

Oral Ingestion: SINGLE DOSE ORAL TOXICITY IS LOW. SWALLOWING LARGE AMOUNTS MAY CAUSE GASTRIC IRRITATION, ABDOMINAL SPASMS, AND ACIDOSIS.

Eye Contact: EXPOSURE MAY CAUSE EYE IRRITATION, STINGING, TEARING, REDNESS AND SWELLING.

Skin Contact: EXPOSURE MAY CAUSE SKIN IRRITATION.

Inhalation: SHORT TERM INHALATION TOXICITY IS MODERATE. EXPOSURE MAY BE HARMFUL. SYMPTOMS ARE MORE TYPICALLY SEEN AT AIR CONCENTRATIONS EXCEEDING THE RECOMMENDED EXPOSURE LIMITS.

Effects of Overexposure: OVEREXPOSURE MAY CAUSE NOSE, THROAT, AND RESPIRATORY TRACT IRRITATION. INHALATION AND INGESTION MAY CAUSE BLOOD IN THE URINE, BLOOD ABNORMALITIES, KIDNEY DAMAGE, LIVER DAMAGE, AND CENTRAL NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY HEADACHE, NAUSEA, WEAKNESS, DROWSINESS, FATIGUE, AND UNCONSCIOUSNESS.

Medical Conditions Generally |
Aggravated by Exposure |

Carcinogenicity:

Mutagenicity:

Teratogenicity:

Reproductive Toxicity:

FIRST AID PROCEDURES

Ingestion: GIVE 2 GLASSES OF WATER AND INDUCE VOMITING. GET MEDICAL ATTENTION.
Eye: IMMEDIATELY FLUSH EYES WITH WATER. AFTER INITIAL FLUSHING, REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING FOR AT LEAST 5 MINUTES. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

Skin: WASH OFF IN FLOWING WATER OR SHOWER. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS AND PERSISTS. REMOVE CONTAMINATED CLOTHING.

Inhalation: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION.

Section VII - Toxicology Information

Ingredient	Inhalation	Oral	Dermal
2-BUTOXYETHANOL	LC50 450/4hr (rat)	LD50(RATS) 1480 mg/kg	LD50(RABBITS) N.D.
AMMONIUM NITRATE	N.A.	5300 mg/kg	N.D.

Section VIII - Spill or Leak Procedure

Steps to be taken in case material is released or spilled:
LARGE SPILLS ELIMINATE POTENTIAL SOURCES OF IGNITION. WEAR APPROPRIATE RESPIRATOR AND OTHER PROTECTIVE CLOTHING. SHUT OFF SOURCE OF LEAK ONLY IF IT IS SAFE TO DO SO. DIKE AND CONTAIN. IF VAPOR CLOUD FORMS, WATER FOG MAY BE USED TO SUPPRESS. SOAK UP RESIDUE WITH AN ABSORBANT SUCH AS CLAY, SAND OR OTHER SUITABLE MATERIAL. PLACE IN NON-LEAKING CONTAINERS AND SEAL TIGHTLY FOR PROPER DISPOSAL. FLUSH AREA WITH WATER TO REMOVE TRACE RESIDUE.

Disposal Method: IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.