

# newcomer supply™

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THIS MATERIAL SAFETY DATA SHEET  
IS "ESSENTIALLY SIMILAR" TO OSHA  
FORM 174 AND COMPLIES WITH  
CFR 1910.1200.

**EMERGENCY:** CHEMTREC (800) 424-9300

## SECTION I PRODUCT IDENTIFICATION

**NAME:** MICHEL TRANSPORT MEDIUM  
MICHEL TRANSPORT MEDIUM VIALS  
MICHEL TRANSPORT MEDIUM VIALS – ORANGE LID  
**CHEMICAL NAME:** AQUIFOUS SOLUTION

**CATALOG#:** 1242  
12423  
12424

## SECTION II.A HAZARDOUS INGREDIENTS

NAME	%	CAS#	ACGIH TWA / STEL	OSHA TWA / CEIL
1. N-ETHYLMALIMIDE	<1	128-53-0	NONE LISTED	NONE LISTED
2. POTASSIUM CITRATE	<1	866-84-2	NONE LISTED	NONE LISTED
3. MAGNESIUM SULFATE	<1	7487-88-9	NONE LISTED	NONE LISTED
4. AMMONIUM SULFATE	35	7783-20-2	NONE LISTED	NONE LISTED

## SECTION II.B EMERGENCY OVERVIEW

CAUTION: CONTACT WITH SKIN OR EYES MAY CAUSE IRRITATION. WEAR CHEMICALLY RESISTANT GLOVES AND EYE PROTECTION DURING USE.

## SECTION II.B HAZARDOUS INGREDIENTS REGULATORY INFORMATION

NAME	EPA#	TSCA INVENTORY	SARA INFO
1. N-ETHYLMALIMIDE	NONE	LISTED	NONE
2. POTASSIUM CITRATE	NONE	LISTED	NONE
3. MAGNESIUM SULFATE	NONE	LISTED	NONE
4. AMMONIUM SULFATE	NONE	LISTED	NONE

## SECTION III GENERAL PHYSICAL & CHEMICAL INFORMATION ABOUT THIS PRODUCT

BOILING POINT: NA  
MELTING POINT: NA  
VAPOR PRESSURE: NA  
pH AS SUPPLIED: NEUTRAL  
PHYSICAL DESCRIPTION: SOLID ( ) LIQUID (X) GAS ( ) SUSPENSION ( ) EMULSION ( )  
PHYSICAL APPEARANCE, ODOR, COLOR: CLEAR LIQUID WITH CLEAR TO WHITE CRYSTALS FLOATING OR SETTLED AT BOTTOM.

%VOLATILES BY VOLUME: NA  
SPECIFIC GRAVITY: NA  
WATER SOLUBILITY: COMPLETE  
EVAPORATION RATE: NA

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

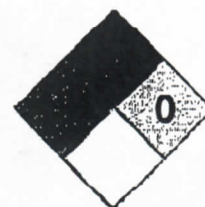
FLAMMABLE: NON FLASH POINT: NA LEL: NA UEL: NA

NFPA HAZARD CLASS:

HEALTH HAZARD  
FLAMMABILITY  
REACTIVITY  
OTHER

1  
0  
0

0 = LEAST  
1 = SLIGHT  
2 = MODERATE  
3 = HIGH  
4 = EXTREME



**EXTINGUISHING MEDIA:** MATERIAL IS NON-COMBUSTIBLE; USE MEDIA MOST APPROPRIATE FOR SURROUNDING FIRE.

**SPECIAL FIRE FIGHTING PROCEDURES:** NONE

**UNUSUAL FIRE & EXPLOSION HAZARDS:** MAY EMIT TOXIC FUMES UNDER FIRE CONDITIONS.

## **SECTION V REACTIVITY DATA**

**STABILITY:** STABLE.

**INCOMPATIBLE MATERIALS (AVOID CONTACT WITH):** STRONG OXIDIZERS, STRONG ACIDS, AND STRONG BASES.

**HAZARDOUS DECOMPOSITION PRODUCTS:** CARBON MONOXIDE/DIOXIDE BY COMBUSTION; NOX GAS, AMMONIA.

**HAZARDOUS POLYMERIZATION:** NONE KNOWN.

## **SECTION VI HEALTH HAZARD DATA**

### **ROUTES OF ENTRY/SYMPTOMS:**

**EYE CONTACT:** STINGING OR BURNING SENSATION, WATERING, REDNESS AND SWELLING OF EYELIDS.

**SKIN CONTACT:** SMARTING OR TINGLING, BURNING SENSATION, REDNESS, SWELLING.

**INHALATION (BREATHING):** IRRITATION OF MUCOUS MEMBRANES, WATERING OF EYES, SALIVATION, FITS OF COUGHING.

**INGESTION (SWALLOWING):** IRRITATION AND PAINFUL BURNING OF LIPS, MOUTH, AND THROAT, PAINFUL SWALLOWING, SWELLING OF THROAT, INTENSE THIRST, PAINFUL STOMACH CRAMPS.

### **EMERGENCY FIRST AID PROCEDURES:**

**EYE CONTACT:** FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES, LIFTING AND RINSING UPPER AND LOWER EYELIDS. GET MEDICAL ATTENTION.

**SKIN CONTACT:** WASH WITH PLENTY OF SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. IF IRRITATION DEVELOPS, SEEK MEDICAL ATTENTION.

**INHALATION (BREATHING):** REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN AND SEEK MEDICAL ATTENTION. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION.

**INGESTION (SWALLOWING):** WASH OUT MOUTH WITH WATER. DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION.

**TOXICITY DATA:** N-ETHYLMALIMIDE: LD50 = 25MG/KG, ORAL, MOUSE; POTASSIUM CITRATE: NO LD50/LC50 INFORMATION FOUND FOR THIS MATERIAL; MAGNESIUM SULFATE: LD50 = 1200MG/KG, SUBCUTANEOUS, RAT; AMMONIUM SULFATE: LD50 = 640MG/KG, ORAL, MOUSE. NONE OF THE MATERIALS IN THIS PRODUCT ARE LISTED AS CARCINOGENIC BY ACGIH, IARC, NTP, OR OSHA.



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## **SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE**

**IN EVENT OF SPILL OR RELEASE:** DONNING APPROPRIATE PROTECTIVE GEAR, STOP OR CONTROL LEAK. CONTROL RUNOFF AND ISOLATE DISCHARGED MATERIAL. COVER SPILL WITH LIME OR SODA ASH, PICK UP, AND STORE IN A CLOSED CONTAINER FOR PROPER DISPOSAL. WASH AREA DOWN SEVERAL TIMES WITH A WET SPONGE OR MOP AND ADD TO WASTE. ALLOW AREA TO AIR DRY.

**WASTE DISPOSAL METHOD:** ADD TO A COMBUSTIBLE SOLVENT AND BURN IN AN EPA-LICENSED CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER.

**STORAGE AND HANDLING PRECAUTIONS:** KEEP WELL CLOSED. PROTECT FROM LIGHT. SEPARATE FROM STRONG OXIDIZERS, ACIDS, AND BASES. REFRIGERATE.

## **SECTION VIII CONTROL MEASURES**

**RESPIRATION PROTECTION:** NONE GENERALLY NEEDED UNDER ORDINARY LAB CONDITIONS.

**VENTILATION:** LOCAL EXHAUST.

**GLOVES:** CHEMICAL RESISTANT GLOVES ARE RECOMMENDED TO PREVENT SKIN EXPOSURE. LATEX GLOVES ARE NOT RECOMMENDED.

**EYE PROTECTION:** SPLASH-PROOF CHEMICAL SAFETY GOGGLES.

**OTHER PROTECTION EQUIPMENT:** EYE WASH, SAFETY SHOWER, LAB COAT.

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