

**MATERIAL SAFETY DATA SHEETS**

MSDS NUMBER: MC P-3013  
 PART NUMBER: MC P-3013  
 PRODUCT NUMBER: MC P-3013  
 CAS NUMBER: Mixture

MAK 4 3 2009

CHEMICAL NAME: MC P-3013 Paraffin Solvent/Dispersant

**SECTION I**

<b>MANUFACTURER: / VENDOR:</b> Multi-Chem Group, LLC	<b>NFPA RATINGS:</b>
<b>ADDRESS:</b> P. O. Box 1377 Sonora, Texas 76950	
<b>EMERGENCY TELEPHONE NUMBER:</b> (800) 535-5053	
<b>INFORMATION TELEPHONE NUMBER:</b> (325) 387-2585	
<b>DATE PREPARED:</b> 07/26/2006	
	<b>HEALTH:</b> 2
	<b>FIRE:</b> 4
	<b>REACTIVITY:</b> 0
	<b>PERSONAL PROTECTION:</b>

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

CAS NUMBER	HAZARDOUS COMPONENT	Vol %	OSHA PEL	ACGIH TLV
108-88-3	Toluene	Prop.	200 ppm	50 ppm
64742-89-8	Light Aliphatic Sovent Naptha	Prop.	500 ppm	300 ppm
64-19-7	Acetic Acid	Prop.	10 ppm	10 ppm
111-76-2	Ethylene Glycol Monobutyl Ether	Prop.	50 ppm	20 ppm

This product contains chemicals which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986. The corresponding CAS numbers and percent by weight are listed above.

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>BOILING POINT</b>	192-252 F	<b>SPECIFIC GRAVITY (H2O = 1)</b>	0.7844
<b>VAPOR PRESSURE (mm Hg. @ 20 C)</b>	30.6	<b>MELTING POINT</b>	NI
<b>VAPOR DENSITY (AIR = 1)</b>	3.4	<b>EVAPORATION RATE (Butyl Acetate = 1)</b>	n/d

**SOLUBILITY IN WATER:** Negligable

**APPEARANCE AND ODOR:** Light Amber Color/ Pungent Odor

**OTHER INFORMATION:**

Viscosity Units = NI                      pH = N/A  
 Freezing Point = <10 F                  Dry Point = NI  
 Density (Lb./Gal.) = 6.53

**DANGER**

Physical Hazards: -

Flammable Liquid

Generic Name: - Mixture of Solvents

UN/NA Number: - UN 1993

North American Emergency Response Guide Number: - 127

DOT Proper Shipping Name: - Flammable Liquid, n.o.s.  
 (Contains Toluene, Light Aliphatic Naptha)

DOT Hazard Class:- 3

DOT Packing Group:- II

DOT/CERCLA RQ:- 1,000 lbs (Toluene)

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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FLASH POINT: 18 F

FLAMMABLE LIMITS: LEL: 1.3 UEL: n/d

EXTINGUISHING MEDIA: Dry Chemical CO2 Foam Use Water Spray or Water Fog for Cooling

SPECIAL FIRE FIGHTING PROCEDURES:

Water spray may be ineffective on fire but can protect fire-fighters & cool closed containers. Use fog nozzles if water is used.

Do not enter confined fire-space without full bunker gear. (Helmet with face shield, bunker coats, gloves & rubber boots).

Use NIOSH approved positive-pressure self-contained breathing apparatus.

Notify authorities if liquid enters sewer/public waters.

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UNUSUAL FIRE FIGHTING PROCEDURES:

**EXTREMELY FLAMMABLE!! VAPORS CAN CAUSE FLASH FIRE**

Keep container tightly closed. Isolate from oxidizers, heat, sparks, electric equipment & open flame. Closed containers may explode if exposed to extreme heat. Applying to hot surfaces requires special precautions. Empty container very hazardous!

Continue all label precautions!

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SECTION V - REACTIVITY DATA

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STABILITY:

Stable under normal conditions.

INCOMPATIBILITY (MATERIALS TO AVOID):

Strong Oxidizing agents, such as permanganates, chromates, & peroxides.

HAZARDOUS DECOMPOSITION OF BYPRODUCTS:

Incomplete combustion will release poisonous carbon monoxide, carbon dioxide

HAZARDOUS POLYMERIZATION:

Will not occur.

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SECTION VI - HEALTH HAZARD DATA

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ROUTE(S) OF ENTRY:

Inhalation:-

Acute, Inhalation of vapors may be narcotic and can be fatal.

Eye contact:-

Irritating but does not cause injury to eye tissue.

Skin absorption:-

Frequent or prolonged contact may irritate. Absorption thru skin may be harmful.

Skin irritation:-

This material is expected to be a skin irritant.

Ingestion:-

This material is expected to be an ingestion hazard.

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SECTION VI - HEALTH HAZARD DATA (Continued)

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**HEALTH HAZARDS (ACUTE AND CHRONIC):**

**Acute Health Effects:- (Short Term)**

Irritant to Eyes.

Irritant to Skin.

Severe Ingestion Hazard.

Irritant to Nasal Passages

Harmful if absorbed through the Skin

**Chronic Health Effects:- (Long Term)**

This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA or ACGIH, as of this date, greater than or equal to 0.1%. Not considered hazardous in such low concentrations. Absorption thru skin may be harmful. Studies with laboratory animals indicate this product can cause damage to fetus.

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**SIGNS & SYMPTOMS OF EXPOSURE:**

**Skin Contact:**

Primary irritation to skin, defatting, dermatitis. Absorption thru skin increases exposure.

**Eye Contact:**

Liquid can cause eye irritation. Wash thoroughly after handling.

**Ingestion:**

Harmful if swallowed. Swallowing can cause abdominal irritation, nausea, vomiting, & diarrhea

**Inhalation:**

Anesthetic Irritates respiratory tract. Acute overexposure can cause serious nervous system depression. Vapor harmful.

Acute overexposure can cause damage to kidneys, blood, nerves, liver & lungs

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**MEDICAL CONDITION GENERALLY AGGRAVATED BY EXPOSURE:**

Skin contact may aggravate an existing dermatitis condition.

Chronic overexposure can cause damage to kidneys, blood, nerves, liver & lungs. Persons with severe skin, liver or kidney problems should avoid use.

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**EMERGENCY AND FIRST AID PROCEDURES:**

**Inhalation:-**

After high vapor exposure, remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped give artificial respiration. CALL A PHYSICIAN IMMEDIATELY!

**Eye Contact:-**

For eyes, flush with plenty of water for 15-20 minutes & get medical attention.

**Skin Contact:-**

Immediately remove contaminated clothing. Wash skin thoroughly with mild soap and water. Flush with lukewarm water for 15 minutes. If sticky, use waterless cleaner first. Obtain medical attention.

**Ingestion:-**

If swallowed, CONTACT PHYSICIAN IMMEDIATELY! Do NOT induce vomiting. Have patient lie down & keep warm. Vomiting may lead to pneumonitis, which can be fatal.

**Emergency Medical Treatment Procedures:-**

Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Continue to rinse eyes with clean water for 20 to 30 minutes, retracting eyelids often. Contact ophthalmologist immediately. Treat burns or allergen reactions conventionally after decontamination. Do not induce vomiting. Vigorous anti-inflammatory/steroid treatment may be required at first evidence of pulmonary/upper airway edema.

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**OTHER HEALTH WARNINGS:**

The toxicological and carcinogenic properties of this material have not been fully investigated. Handle accordingly, avoiding contact.

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SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

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**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Equip responders with proper protection (see section VIII). SMALL SPILL:- Absorb liquid on paper, vermiculite, floor absorbent, or other absorbent material, and transfer to hood.

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**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE continued**

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**LARGE SPILL:-** Flammable Liquid. Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks).

Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source, dike area of spill to prevent spreading, pump liquid to salvage tank. Remaining liquid may be taken or other absorbent material and shoveled into containers.

Vapors may ignite explosively & spread long distances. Prevent vapor buildup. Put out pilot lights & turn off heaters, electric equipment & other ignition sources during use & until vapors are gone.

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**WASTE DISPOSAL METHOD:**

Comply with Federal / State / Local regulations for disposal. Contact state and federal regulators to determine whether the material should be classified as a hazardous waste or industrial waste and handled accordingly.

Use licensed transporter and disposal facility.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

For transport, handling, and storage, use polyethylene, plastic, lined steel or stainless steel.

Store in tightly closed containers in cool, dry, isolated and well ventilated area away from heat, sources of ignition and incompatible materials.

Use non-sparking tools and explosion proof equipment.

Ground line, containers, and other equipment used during product transfer to reduce the possibility of a static induced spark.

Do not "switch" load (load into containers which previously contained gasoline or other low flash material) because of possible accumulation of a static charge resulting in a source of ignition.

Use good personal hygiene practices.

Containers of this material may be hazardous when emptied, since emptied containers retain residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

Store drums with bungs in up position.

**OTHER PRECAUTIONS:**

Wash thoroughly after handling.

Do not get it in eyes, on skin or on clothing.

Do not breathe dust, vapor, mist or gas.

Keep container closed when not in use.

Empty container may contain hazardous residues.

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**SECTION VIII - CONTROL MEASURES**

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**VENTILATION REQUIREMENTS:**

Either local exhaust or general room ventilation is usually required.

**PERSONAL PROTECTIVE EQUIPMENT:**

**Respiratory Protection:-**

If exposure can exceed the PEL/TLV, use only NIOSH/MSHA approved air-purifying or supplied air respirator operated in a positive pressure mode per the NIOSH/OSHA 1981 Occupational Health Guidelines for chemical hazard.

**Eye Protection:-**

Eye protection, including chemical splash goggles or face shield, must be worn when possibility exists for eye contact due to spraying liquid or airborne particles. Eye protection should be worn at all times when wearing contact lenses and exposed to this product.

**Skin Protection:-**

Wear protective clothing and equipment such as gloves, boots, an apron and full face protection when the possibility exist for skin contact. Consideration must be given both to durability as well as permeation resistance when selecting suitable protective clothing. All clothing and equipment must be cleaned thoroughly after each use

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SECTION VIII - CONTROL MEASURES continued

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**Other Hygienic Practices:-**

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet facilities.

Shower after work using plenty of soap and water.

**Other Work Practices:-**

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Promptly remove clothing and wash thoroughly before reuse.

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SECTION IX - ADDITIONAL INFORMATION

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**ADDITIONAL MANUFACTURER WARNINGS:**

**EXTREMELY FLAMMABLE LIQUID.**

High skin contact hazard.

May cause long-term adverse health effects.

Skin contact penetrant.

Mucous membrane irritant.

High ingestion hazard - chemical pneumonia.

Severe eye irritant.

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**OTHER PRECAUTIONS AND COMMENTS:**

**Disclaimers:-**

Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself.

The information in the MSDS was obtained from sources which we believe are reliable. However, the information is provided without warranty, express or implied, regarding its correctness.

The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of, or in any way connected with the handling, storage, use or disposal of this product.

This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

This MSDS has been prepared in accordance with the requirements of the OSHA Communication Standard (29 CFR 1200).