

MATERIAL SAFETY DATA SHEETS

MSDS NUMBER: MC P-3001

PART NUMBER: MC P-3001

PRODUCT NUMBER: MC P-3001

CAS NUMBER: Mixture

CHEMICAL NAME: MC P-3001 Paraffin Inhibitor

SECTION I

MANUFACTURER: / VENDOR: Multi-Chem Group, LLC

ADDRESS: P. O. Box 1377

Sonora, Texas 76950

EMERGENCY TELEPHONE NUMBER: (800) 535-5053

INFORMATION TELEPHONE NUMBER: (325) 387-2585

DATE REVISED: 07/26/2006

NFPA RATINGS:

HEALTH: 3

FIRE: 4

REACTIVITY: 1

PERSONAL PROTECTION:

SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

CAS NUMBER	HAZARDOUS COMPONENT	Vol %	OSHA PEL	ACGIH TLV
75-15-0	Carbon Disulfide	20%	3 ppm TWA	NIOSH 8 hours.
1330-20-7	Xylene	< 45%	100 ppm	100 ppm

This product contains the following Section 313 Reportable Ingredients:

Component	CAS No.
Carbon disulfide	75-15-0
Xylene	1330-20-7

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	115 F	SPECIFIC GRAVITY (H2O = 1)	1.0440
VAPOR PRESSURE (mm Hg.)	19 mm Hg @ 20 C	MELTING POINT	NI
VAPOR DENSITY (AIR = 1)	NI	EVAPORATION RATE (Butyl Acetate = 1)	NI

SOLUBILITY IN WATER: Negligible

APPEARANCE AND ODOR: Clear to Yellow in Color / Sulfurous Odor

OTHER INFORMATION:

Viscosity Units = > 200 @ 100 F

pH = N/A

Freezing Point = - 40 F

Dry Point = NI

Density (Lb./Gal.) = 8.70

DANGER

Physical Hazards: - **HIGHLY FLAMMABLE, TOXIC**

Generic Name: - Paraffin Control Compound

UN/NA Number: - UN 1993

North American Emergency Response Guide Number: - 128

DOT Proper Shipping Name: - Flammable Liquid, n.o.s.

(Contains Carbon Disulfide Solution)

DOT Hazard Class:- 3

DOT Packing Group:- III

DOT/CERCLA RQ:- 200 lbs (Carbon Disulfide)

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: - 22 F (TCC)

FLAMMABLE LIMITS: LEL: 1.3 % UEL: 50 %

EXTINGUISHING MEDIA: Dry Chemical CO2 Foam

SPECIAL FIRE FIGHTING PROCEDURES:

Do not enter fire area without proper protection -decomposition products possible.

Fight fire from safe distance in a protected location.

Heat may build pressure and rupture closed containers, spreading fire, increasing risk of burns / injuries.

Use water spray and/or fog for cooling.

Notify authorities immediately if liquid enters sewer or public waters.

UNUSUAL FIRE FIGHTING PROCEDURES:

Releases vapors at normal ambient temperatures. When mixed with air and exposed to ignition source, vapors can burn in open or explode if confined. Flammable vapors may be heavier than air. May travel long distances along the ground before igniting / flashing back to vapor source. Diluting with water may not suffice to raise flash point above ambient temperatures.

SECTION V - REACTIVITY DATA

STABILITY:

Stable under normal conditions.

INCOMPATIBILITY (MATERIALS TO AVOID):

Heat, Sparks, Open Flames, Strong Acids, Strong Oxidizing Agents.

HAZARDOUS DECOMPOSITION OF BYPRODUCTS:

Incomplete combustion may produce carbon monoxide, carbon dioxide and/or compounds of nitrogen and sulfur.

HAZARDOUS POLYMERIZATION:

Not expected to occur.

SECTION VI - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY:

Inhalation:- Primary Route

This material is an inhalation hazard. Reproductive, neurological, and cardiac effects have been reported in humans following repeated or prolonged inhalation exposure.

Eye contact:- Primary Route

Exposure to this product is expected to cause severe eye irritation.

Skin absorption:-

Prolonged and/or repeated contact can cause a loss of skin oils resulting in dry, scaly skin. Moderate skin irritation can occur.

Skin irritation:- Primary Route

Acute dermal toxicity data (LD 50) are not available for this product.

Ingestion:-

This material is TOXIC; overexposure to this product may effect the respiratory system, peripheral and central nervous systems, and cardiovascular, and reproductive system.

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SECTION VI - HEALTH HAZARD DATA (Continued)

Physical Hazards: Highly Flammable Liquid that gives off Flammable Vapors

HEALTH HAZARDS (ACUTE AND CHRONIC):

Acute Health Effects:- (Short Term)

Acute Inhalation Hazard

Acute Eye Irritant

Acute Skin Irritation Hazard May be Fatal if absorbed through Skin.

Acute Ingestion Hazard May be Fatal if swallowed

Causes Eye, Skin, and Respiratory Tract Irritation; overexposure may cause adverse effects to the Central Nervous System

Chronic Health Effects: This product contains Carbon Disulfide. In one study Carbon Disulfide has been reported to be fetal toxic at levels of 0.5% in drinking water. Tetrogenic effects were, or have been reported. There are reports of adverse reproductive effects to this chemical.

SIGNS & SYMPTOMS OF EXPOSURE:

Skin Contact:

Irritation or redness of the skin develops slowly

Eye Contact:

Severe eye irritation develops immediately upon contact.

Ingestion:

Will cause gastrointestinal distress, irritation, possibly nausea, and can be fatal

Inhalation:-

Irritating to respiratory tract, may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness and other central nervous system effects, including death

MEDICAL CONDITION GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate an existing dermatitis condition. If one has pre-existing medical conditions consult physician before handling this material.

EMERGENCY AND FIRST AID PROCEDURES:

Inhalation:-

If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Obtain emergency medical attention. Prompt action is essential.

Eye Contact:-

In case of eye contact, immediately rinse with clean water and soap for 20 to 30 minutes. Retract eyelids often. Obtain emergency 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, give lukewarm water (7 pints) if victim is conscious and induce vomiting. Keep head below hips to avoid aspiration. Never give anything by mouth to an unconscious person. Obtain medical attention. Prompt action is essential.

Emergency Medical Treatment Procedures:-

Gastric lavage is recommended. Hemodialysis may be indicated for more complete elimination. For eye contact, continue to rinse eye with clean water for 20-30 minutes, retracting eyelids often. Contact ophthalmologist immediately.

NOTE TO PHYSICIAN: No specific antidote is known. Based on individual reactions of symptoms and clinical conditions.

OTHER HEALTH WARNINGS:

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

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

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

Equip responders with proper protection. Evacuate and/or limit access. Prevent flow to sewers or public waters. Recover

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SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE continued

large land spills. Soak up small spills. For spills on water, contain/minimize dispersion and collect. Report per regulatory requirements. 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.

Prevent run-off into sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required, that a spill has occurred.

WASTE DISPOSAL METHOD:

Contaminated product/soil/water may be RCRA/OSHA hazardous waste due to potentially low flash point. Landfill solids at permitted site. Use registered transporters. Burn concentrated liquids in systems compatible with water soluble wastes with low flash point. Assure emissions and effluents comply with applicable regulations.

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/properly vented 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.

Carefully vent internal pressure before removing closure.

OTHER PRECAUTIONS:

For industrial use only.

Keep out of reach of children.

Wash thoroughly after handling.

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

Do not breathe dust, vapor, mist or gas of this chemical.

Keep container closed when not in use.

Empty container may contain hazardous residues. Handle all empty containers accordingly.

SECTION VIII - CONTROL MEASURES

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 both chemical splash goggles and face shield, must be worn when possibility exists for eye contact due to spraying liquid or airborne particles. Contact lenses must not be worn.

Skin Protection:-

Protective chemical suit with gloves, boots and head and face protection must be worn. The equipment must be cleaned thoroughly after each use.

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SECTION VIII - CONTROL MEASURES continued

Other Hygienic Practices:-

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet facilities when handling any chemical. Always shower after work using plenty of soap and water when handling chemical.

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.

SECTION IX - ADDITIONAL INFORMATION

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.

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).