



## MATERIAL SAFETY DATA SHEET

### I. IDENTIFICATION

**PRODUCT NAME** : **CH-50416**

**CHEMICAL FAMILY** : Copolymer of ethylene

### II. PHYSICAL DATA

**BOILING POINT** ~100 deg C **FREEZING POINT** N.A.  
760 mm Hg

**SPECIFIC GRAVITY** 0.97 **VAPOUR PRESSURE** 22 mm Hg  
(WATER = 1) at 25 deg C at 20 deg C

**SOLUBILITY IN** Not Soluble  
WATER, % by wt.

**PERCENT VOLATILES** 50 wt. % **EVAPORATION RATE** ~ 1  
**BY VOLUME** (Butyl Acetate =1)

**APPEARANCE AND ODOUR** Clear-- yellowish Liquid.

### III. INGREDIENTS

MATERIALS	%	HAZARD
Copolymer of ethylene	49-50	None currently know
Petroleum solvent	51-50	Irritant

**IV. FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT	40 deg F, tag Closed Cup			
FLAMMABLE LIMITS IN AIR, % by volume	LOWER	1.1	UPPER	7.0
EXTINGUISHING MEDIA	Use water spray, carbon dioxide, dry chemical, universal-type foams			
SPECIAL FIRE FIGHTING PROCEDURES	Breathing apparatus when fighting in enclosed area.			
UNUSUAL FIRE AND EXPLOSION HAZARDS	Do not store or mix with strong oxidants.			

**V. HEALTH HAZARD DATA**

**ACUTE EFFECTS OF OVEREXPOSURE**

SWALLOWING	None currently known. May cause some nausea.
SKIN ABSORPTION	May cause irritation.
INHALATION	Respiratory irritation, dizziness, nausea or loss of consciousness.
SKIN CONTACT	May cause irritation of skin,
EYE CONTACT	May cause severe irritation.

**V. HEALTH HAZARD DATA**

**EMERGENCT AND FIRST AID PROCEDURES**

SKIN	Immediately wash with soap and water. Launder contaminated clothing before reuse.
SWALLOWING	Do not induce vomiting, administer vegetable oil. Get medical assistance.
EYES	Flush eyes immediately with water and continue flushing for least 15 minutes. Seek medical attention.
INHALATION	Remove to fresh air. If breathing is difficult, oxygen may be administered. seek medical advice.

**VI. REACTIVITY DATA**

STABILITY		CONDITIONS	
UNSTABLE	STABLE	TO	Ignition sources
-----		AVOID	
X			

INCOMPATIBILITY (Materials to avoid)	None
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HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS	Solution can burn and produce carbon monoxide and/or carbon dioxide.
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HAZARDOUS POLYMERIZATION		CONDITIONS	
May Occur	Will Not Occur	TO	None
-----		AVIOD	
X			

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN	Any source of ignition should be eliminated , should there be a major spillage. Wear suitable protective equipment. Collect for incineration. Avoid discharge to sewers or waterways.
IF MATERIAL IS SPILLED OR RELEASED	Minor spillage should be absorbed on fire retardant treated sawdust and bisposed in a enclosed container.
WASTE DISPOSAL METHOD	Incineration by a qualified waste disposal company in compliance with applicable laws and regulations.

VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)	Use Orangic vapor canisters or cartridges.
VENTILATION	General (mechanical) room ventilation is expected to be satisfactory.
PROTECTIVE GLOVES	Solvent resistance gloves.
EYE PROTECTION	Safety Glasses

X. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

**WARNING !**

**Keep away from naked fire and heat.**

Avoid breathing vapors, particularly those in the top of the shipping container.

Keep containers closed.

Use with adequate ventilation system

Avoid contact with eyes skin and clothing.

**FOR INDUSTRY USE ONLY**