

MATERIAL SAFETY DATA SHEET

HPCO 653 PINK CONFIDENTIAL DISCLOSURE

Effective Date: Nov. 11, 2007	Date Printed: Nov. 11, 2007	MSDS		
1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION				
PRODUCT NAME:	HPCO 653 PINK SYNTHETIC			
CHEMICAL NAME:	Propriety synthetic mixture			
PRODUCT USE:	Machining and grinding of metals			
EMERGENCY CHEMTREC (24hrs): 1-800-424-9300				
2. COMPOSITION & INFORMATION ON INGREDIENTS				
2.A Hazardous Ingredients				
COMPONENT	CAS #	EXPOSURE LIMITS	% By Wt.	
NONE KNOWN				
2.B Non-Hazardous Ingredients				
COMPONENT	CAS #	EXPOSURE LIMITS	% By Wt.	
1.Esters of Diacids	Trade secret proprietary		5-10	
2.Organic Defoamer	110-30-5		<1	
No hazardous ingredients according to EPA.				
3. HAZARDOUS IDENTIFICATION				
EMERGENCY OVERVIEW				
(See Section 9) Avoid repeated or prolonged inhalation				
NFPA/HMIS RATING:	HEALTH: 1	FLAMMABILITY: 0	REACTIVITY: 0	PPE: B
POTENTIAL HEALTH EFFECTS				
EYE:	May cause irritation			
SKIN:	Prolonged contact may cause irritation			
INGESTION:	May cause nausea			
INHALATION:	May cause irritation			
CHRONIC EFFECTS:	Not listed as a human carcinogen by OSHA, IARC or NTP			
SIGN AND SYMPTOMS:	Eye or skin irritation			

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4. FIRST AID MEASURES	
EYES:	Flush with large amounts of water for 15 minutes. Seek medical attention.
SKIN:	Wash with soap and water. Remove contaminated clothing. If irritation persists seek medical attention.
INGESTION:	Do not induce vomiting, do not administer liquids. Obtain medical assistance.
INHALATION:	Remove to fresh air. If breathing has stopped, apply artificial respiration and administer oxygen. If symptoms persist, obtain medical assistance.
NOTE TO PHYSICIANS:	Treatment of overexposure should be directed toward the control of symptoms and clinical condition.
5. FIRE FIGHTING MEASURES	
FLAMMABLE PROPERTIES:	Flash point > Not determined, contains water
FLAMMABLE LIMITS IN AIR:	LEL: Not established UEL: Not established
EXTINGUISHING MEDIA:	Water spray, foam or carbon dioxide
SPECIAL FIRE FIGHTING PROCEDURES:	Not determined since product does not support combustion unless all of the water is evaporated.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Intense heat will vaporize water and may increase pressure in drum to point of rupture.
6. ACCIDENTAL RELEASE MEASURES & DISPOSAL CONSIDERATIONS	
Wear protective equipment (Section 8); stop leak at source; dike area; prevent material from entering waterway; prevent contact with strong oxidizers and reducers (See Section 7); pump material to reclaim container; use vacuum to recover material or use absorbents on remaining material; and shovel into disposal container.	
Because product uses, mixtures, processes or contamination may render this material hazardous, it is the responsibility of the suer/owner of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose of this material and empty containers, liners and rinseate according to current local, state and federal regulations.	
7. HANDLING AND STORAGE	
HANDLING:	Do not wear contaminated clothing. Wash prior to eating, drinking, smoking, or use of restroom and when leaving work. Do not dispose of material or empty container to the environment.
STORAGE:	Do not store near open heat or flame. Keep from freezing.
INCOMPATIBLE MATERIALS:	Strong oxidizers or reducers.
VENTILATION:	Local exhaust, unless heating to vapor or mist.

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8. EXPOSURE CONTROLS & PERSONAL PROTECTION		
ENGINEERING CONTROLS:	General room ventilation is satisfactory. Facility should be equipped with safety shower and eye wash in area.	
EYE/FACE PROTECTION:	Safety goggles.	
SKIN PROTECTION:	Oil resistant gloves.	
RESPIRATORY PROTECTION:	Not required under normal conditions of use. If mist is above 5 mg/m ³ , use NIOSH approved mask.	
EXPOSURE GUIDELINES:	(See Section 2)	
9. PHYSICAL AND CHEMICAL PROPERTIES		
APPEARANCE:	Pink liquid	ODOR: Light chemical odor
PHYSICAL STATE:	Liquid	VAPOR PRESSURE: Like water
BOILING POINT:	212 ⁰ F	VAPOR DENSITY: Not applicable
SOLUBILITY IN WATER:	Complete	pH: 9.3 +/- 0.2 @ 5%
SPECIFIC GRAVITY:	1.01 @ 68 ⁰ F	EVAPORATION RATE: Like water
10. STABILITY AND REACTIVITY		
CHEMICAL STABILITY:	Stable under normal ambient and anticipated storage and handling conditions.	
CONDITIONS TO AVOID:	Avoid heating to decomposition and freezing.	
INCOMPATIBILITY:	Strong oxidizing and reducing agents.	
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon.	
HAZARDOUS POLYMERIZATION:	Will not occur.	
11. TOXICOLOGICAL INFORMATION		
See Section 3		
12. TRANSPORTATION INFORMATION		
DOT SHIPPING NAME:	Not regulated	
DOT HAZARD CLASS/DESCRIPTION:	Not applicable	
DOT LABEL:	Not applicable	
DOT PLACARD:	Not applicable	
DOT UN/NA NUMBER:	Not applicable	
SHIPPING CLASS:	Not applicable	

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13. REGULATORY INFORMATION (Not meant to be all inclusive - select regulations represented)
U.S. FEDERAL REGULATIONS: TSCA: Appears in TSCA Inventory OSHA: None CERCLA HAZARD CATEGORY: Not applicable Canadian WHMIS: Not controlled. STATE REGULATIONS: No data that material appears in any state regulation.
14. OTHER INFORMATION
MSDS Status: Revised Nov. 26, 2007 (See Section 1) This information herein is given in good faith, but no warranty, express or implied, is made. Consult Whitecourt Oil Corp. for further information.