

REV Windshield Washer concentrate

MATERIAL SAFETY DATA SHEET

SECTION1: MATERIAL IDENTIFICATION AND USE		FLAMMABILITY HEALTH	REACTIVITY PERSONAL PROTECTION
Material Name Identifier : Methyl Hydrate			
Manufacturer's Name: QUALITY LIQUID PACKAGING			
Address: 50 Tiffield Road Unit 9			
City: Toronto	Province: Ontario		
Postal Code: M1V 5B7	Emergency Telephone# (416) 609-0828		
Trade Name & Synonyms <i>R795, Windshield Washer Concentrate</i>		Material Use	

SECTION 11 – HAZARDOUS INGREDIENTS OF MATERIAL				
Hazardous Ingredients	Approximate Concentration %	C.A.S.N.A or U.N Numbers	Exposure Limits	LD50 LC50
Methanol	100%	67-56-1	200ppm(260mg/cu.m) Immediately dangerous to life & health level 25000ppm.	Oral rat LD50 5.6-13.0g/kg Dermal- Rabbit LD50 20ml/kg

SECTION 111 –PHYSICAL DATA FOR MATERIAL

Physical State: Gas{ } Liquid{x} Solid{}	Odour and Appearance: Coloures Liquid- Alcohol odour		Odour Threshold (ppm)	Specific Gravity 0.792@(20/20)°C
Vapour Pressure 15°C: 96.0mm.HG	Vapour Density Air=1@15°C 1.105	Evaporation: Rate (BuA-1) 2.1	Boiling Point (°C) 148°F(64.5°C)	Freezing Point (°C)
Solubility in Water: Soluble 100%	% Volatile(by volume) 100	PH : N/A	Density(g/m)-	Coefficient of Water/Oil distribution:

Section 1V –FIRE AND EXPLOSION HAZARD OF MATERIAL

METERIAL SAFETY DATA SHEET

Flammability If Yes , Under which conditions Yes{X} No{ } Vapours form a flammable/explosive mixture with air between upper and lower flammable limits .Combustion may product carbon dioxide carbon monoxide & formaldehyde.			
Means of Extinction: Dry chemical Carbon dioxide, alcohol foam or carbon dioxide. Water spray. Use water spray to cool fire exposed surfaces and to protect personnel. When using water spray boils over may occur when the product temperature reaches the boiling point of water.			
Special Producers: Respirators required for firefighting personnel. If possible to do so safely shut off fuel to fire.			
Flash Point (°C)and method: 11°C Tag Closed cup	Upper Explosion Limit (%by volume) 36.0	Lower Explosion Limit (% by volume)6.0	
Auto Ignition Temperature(°C) 385°C-470°C	Flammability classifications	Hazardous combustion Products .Smoke & Carbon Monoxide	
Explosion Data: Sensitivity to chemical impact	Rate Of Burning	Explosive Power	Sensitivity to static discharge.

SECTION V-REACTIVITY DATA

Chemical Stability Yes{x} No{ }	
Incompatibility to other substances Yes{x} No{ }	If so which ones? Oxidizers, Heat or open flames
Reactivity and under what conditions: Fire if exposed to heat source or open flame.	
Hazardous Decomposition Products: Smoke, Carbon monoxide, Carbon dioxide, aldehydes and other products of incomplete combustion. Hydrogen sulfide and alkyl mercaptans and sulfides may be released.	

SECTION VI – TOXICOLIGICAL PROPERTIES OF PRODUCT

Toxicity date for similar material is listed below			
Primary Route of Entry:{X}Skin contact {X} Skin absorption { } Eye contact { } Inhalation Acute { }Ingestion			
Effects of Acute Exposure to Product: Eyes weak to moderate eye irritant. Skin not expected to be a primary skin irritant. Based on data from components or similar materials. Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis. Symptoms may include redness, edema, drying and cracking of the skin.	Irritancy of Product	Exposure limits of products	See section II
Effects of chronic repeated occupational exposure to tricresyl phosphate over a prolonged period of time may cause delayed neurotoxicity characterized by ataxia and tremors.	Sensitization of Product Reproductive effects ND	Synergistic of materials Teratogenicity ND	Mutagenicity ND
Carcinogenicity this product is formulated with mineral oils which are considered to be			

MATERIAL SAFETY DATA SHEET

severely refined and not considered to be carcinogenic under LARC .All of the oils in this product have been demonstrated to contain less than 3% extractable by the IP346 rest.			
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SECTION VII – PREVENTITIVE MEASURES

Personal Protection Equipment: Proper ventilation. Neoprene protective gloves should be worn and safety glasses. If potential for splash or mist wear chemical goggles or face shield.
Spills and or leaks Procedures: Stop source of leak if possible, prevent entry into waterways and sewers. Use absorbent material and dispose of in accordance with your environmental legislation.
Storage Requirements: Use tight containers keep away from open flames and other sources of heat should be kept cool.

SECTION VIII – FIRST AID MEASURES

EYE: Flush eyes with cold water for 15 minutes get immediate medical attention.
SKIN: Remove any contaminated clothing. Wash immediately with soap and water and rinse with large amounts of water.
INHALATION: Remove exposed person to fresh air. If breathing is labored administer oxygen, if breathing has stopped apply artificial respiration. If irritation persists or if toxic symptoms are observed get medical attention.
INGESTION: DO NOT INDUCE VOMITING. If conscious give 1 glass of water. Get immediate medical attention. If vomiting occurs naturally, you should lean forward to reduce the risk of aspiration
GENERAL ADVICE: Always employ caution and get medical help for any serious exposure.

SECTION IX – PREPARATION DATE OF M.S.D.S.

THIS MSDS WAS PREPARED ON MARCH 24,2009
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