

FILE NO. 1XM477CBEJ			
REVISION: 3	EFFECTIVE: 01-01-14 PRINTED: 03-11-14		
PREPARED FOR USE BY			
=======================================	IDENTIFICATION ====================================		
INFORMATION PROVIDED BY:	J. KRETSCH ACE CHEMICAL PRODUCTS, INC. 8415 N. 87TH STREET MILWAUKEE, WI 53224-2409		
	HAZARDOUS COMPONENT(S) ===============		
Component Common Name(s)	Isopropyl Alcohol IPA, 2-propanol, Dimethyl Carbinol, Isopropanol		
Chemical Formula CAS Number	C3H8O 67-63-0		
OSHA PEL	400 ppm		
ACGIH TLV Reportable under EPCRA	400 ppm		
Section 313 (40CFR372) PerCent in Formulation	No < 10		
Component Common Name(s) Chemical Formula CAS Number	2-Biphenylol, Sodium salt Ortho phenyl phenol, 2-phenyl phenol, Sodium 2-phenylphenate, Phenylphenol C12H9ONa 132-27-4		
OSHA PEL ACGIH TLV	Not listed/established Not listed/established		
Reportable under EPCRA Section 313 (40CFR372) PerCent in Formulation	Yes < 10		
The balance of materials OSHA	in this product are non-hazardous as defined by		
Materials listed as EPCRA requirements of Emergency law requires certain users Contact the EPA or your information should be	reportable may be subject to the reporting Planning and Community Right-To-Know Act. This to report annual emissions of specific chemicals local DNR for additional information. This included in all MSDS's that are distributed for		
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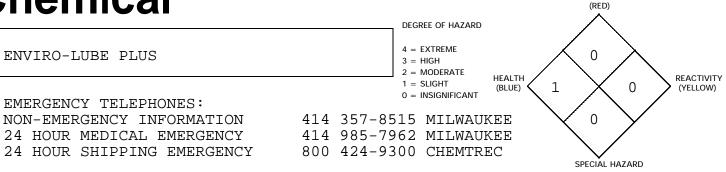
FLAMMABILITY (RED)



DEGREE OF HAZARD 4 = EXTREME 0 ENVIRO-LUBE PLUS 3 = HIGH2 = MODERATE HEALTH REACTIVITY 1 = SLIGHT 1 0 (YELLOW) (BLUE) 0 = INSIGNIFICANT**EMERGENCY TELEPHONES:** 414 357-8515 MILWAUKEE 0 NON-EMERGENCY INFORMATION 414 985-7962 MILWAUKEE 24 HOUR MEDICAL EMERGENCY 800 424-9300 CHEMTREC 24 HOUR SHIPPING EMERGENCY SPECIAL HAZARD

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	HAZARDOUS COMPONENT(S) =============		
this product.			
=======================================	PRODUCT INFORMATION ================		
APPEARANCE Odor DENSITY BOILING POINT VAPOR PRESSURE VAPOR DENSITY EVAPORATION RATE  NA -> ND ->	Clear amber liquid Slight alcohol 1.06 or 8.85 pounds per gallon > 212° F ND ND ND ND ND NOT APPLICABLE NOT DETERMINED		
=======================================	FIRE & EXPLOSION ====================================		
FLASH POINT AUTOIGNITION TEMPERATURE FLAMMABILITY LIMITS IN AIR	>200 F Not Determined % by volume - Upper Not Determined % by volume - Lower Not Determined		
=======================================	FIRE & EXPLOSION - EXTINGUISHING MEDIA =======		
EXTINGUISHING MEDIA	Under certain conditions, this product may be combustible. Water spray, foam, carbon dioxide, or dry chemical may be used on product or in areas where the product is stored.		
=======================================	SPECIFIC FIRE FIGHTING PROCEDURES ========		
	Wear full protective clothing. Run-off from fire control may cause pollution. Neutralize run-off, if allowed, as described below.		
=======================================	UNUSUAL FIRE FIGHTING HAZARDS ==========		
	Not applicable		
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=======================================	REACTIVITY - INSTABILITY ============		
	This material is stable		
=======================================	REACTIVITY - INCOMPATIBILITY ==========		
	Avoid contact with strong acids.		
=======================================	REACTIVITY - HAZARDOUS DECOMPOSITION PRODUCTS ==		
	None known		
=======================================	CONDITIONS FAVORING HAZARDOUS POLYMERIZATION ===		
	Not known to polymerize.		
=======================================	HEALTH HAZARDS - ROUTES OF EXPOSURE ========		
	This product can be introduced into the body by inhalation, skin contact, eye contact and ingestion.		
INHALATION	Airborne concentrations of dust, mist or spray of this product may cause irritation to upper respiratory tract and lung tissues.		
SKIN	This product may be irritating to skin and can produce burns.		
EYE CONTACT	This product may be irritating to the eyes on contact. It could result in damage to the eyes.		
INGESTION	This product, if swallowed, could cause slight irritation and/or burns to the mouth and throat.		
=======================================	HEALTH HAZARD - EFFECTS OF OVEREXPOSURE =======		
ACUTE	May be irritating to body tissues with which it comes in contact. Irritation and slight burns may result.		
CHRONIC	No known chronic effects.		
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=======================================	HEALTH HAZARD - EFFECTS OF OVEREXPOSURE ======	
 HUMAN DERMAL EXPOSURE	Regardless of concentration, the severity of irritation and the extent of its irreversibility increases with the length of contact time.	
CARCINOGENICITY	None of the components listed are cited as carcinogens by National Toxicology Program (NTP) the International Agency for Research on Cancer (IARC) or OSHA.	
CONDITIONS AGGRAVATED BY EXPOSURE	Pre-existing eye and skin disorders may be further aggravated by exposure, regardless of product concentration and exposure duration.	
=======================================	HEALTH HAZARD INFORMATION - EMERGENCY/FIRST AID	
EYES	IMMEDIATELY flush eyes with large amounts of water for at least 15 minutes. Call a physician	
SKIN	IMMEDIATELY flush skin with large amounts of water for at least 15 minutes, while removing contaminated clothing. If irritation persists, call a physician.	
IHNALATION	Remove to fresh air; if breathing is difficult, give oxygen.	
INGESTION	NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. If swallowed, DO NOT INDUCE VOMITING! Give large quantities of water. Call a physician	
=======================================	PERSONAL PROTECTION - VENTILATION ====================================	
=======================================	PERSONAL PROTECTION - SPECIFIC ==========	
RESPIRATORY	Wear NIOSH/MSHA approved respirator	
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=======================================	PERSONAL PROTECTION - SPECIFIC ==================================	
EYE	Wear goggles or safety glasses with side shields to protect from spills or splashing.	
GLOVES	Chemical resistant gloves should be worn.	
OTHER CLOTHING AND EQUIPMENT	Impervious protective clothing and chemically resistant safety shoes should be worn to minimize contact.	
=======================================	Do not get into eyes, on skin or clothing. Avoid breathing dusts, mists or spray. Do not take internally. Use with adequate ventilation and employ respiratory protection when exposure to dust, mist or spray is possible. When handling, wear safety glasses with side shields and rubber gloves. Wash thoroughly after handling or contact - exposure can cause irritation. Keep container closed when not in use. Always read and observe label directions and warnings.	
=======================================	SPECIAL MIXING AND HANDLING INSTRUCTIONS ======  This product can be safely added to water with no heat generated. Always add this product to water, not water to product. Wear protective clothing mentioned above when handling product.	
	ENVIRONMENTAL HAZARDS - SPILLS/LEAKS ========	
	Spills should be cleaned up immediately. Dilute with water and neutralize spill with any	
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=======================================	ENVIRONMENTAL HAZARDS - SPILLS/LEAKS ========		
	inorganic acid such as hydrochloric, sulfuric, nitric, phosphoric or acetic acid. The spill area should then be flushed with water. Persons performing clean-up operations should wear adequate personal protective equipment and clothing. Spills and releases should be reported, if required, to the approporiate local, state and federal regulatory agencies.		
=======================================	ENVIRONMENTAL HAZARDS - W	ASTE DISPOSAL ======	
	Material which cannot be purpose should be disposed all applicable local, staregulations. Neutralizations suggested method of disposed	d of in accordance with te and federal ion/dilution is the	
	INFORMATION NOTE =================		
	The data contained herein specific material designate ito its use in combination or processes. The data combination or processes. The data combinate control, as a warranty or representation or provided information is provided in the consideration, investigated.	ted and does not relate with other materials ontained is believed to ce conditions of use it should not be taken tation for which Ace legal responsibility. ded solely for your	
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