

I. IDENTIFICATION AND EMERGENCY INFORMATION							
PRODUCT NAME 4991							
APPEARANCE AND ODOR Amber Liquid, Pleasant Odor							
EMERGENCY TELEPHONE NL 866-235-2118							
CHEMTREC EMERGENCY NL (800) 424-9300							
II. COMPONENTS AND HAZARD INFORMATION							
CHEMICAL COMPONENTS	CAS NUMBER	WEIGHT %	OSHA PEL	ACGIH TLV	NTP LISTED	IARC LISTED	
Proprietary Ingredient	141-43-5	5 to 10	3 ppm (TWA)	3 ppm (TWA)	No	No	
Proprietary Ingredient	102-71-6	10 to 20	No	5 ppm (TWA)	No	No	
III. TYPICAL PHYSICAL PROPERTIES							
BOILING POINT		> 212°F	SPECIFIC GRAVITY (water=1)		1.06		
VAPOR PRESSURE (mm Hg@20°C)		ND	PERCENT VOLATILES (by volume)		50		
VAPOR DENSITY (air=1)		ND	EVAPORATION RATE (ether=1)		< 0.1		
SOLUBILITY IN WATER		Complete	pH DATA (5% Solution)		9.8		
IV. FIRE AND EXPLOSION HAZARD INFORMATION							
FLASH POINT	(METHOD)	FLAMMABILITY LIMITS (% BY VOLUME IN AIR)		AUTOIGNITION TEMPERATURE			
NA		LEL : NA	UEL : NA	NA			
FIRE AND EXPLOSION HAZARDS	Avoid breathing decomposition products.						
EXTINGUISHING MEDIA	Foam, Dry Chemical, CO <sub>2</sub> , Water Fog & Spray						
SPECIAL FIREFIGHTING PROCEDURES	None						
V. REACTIVITY INFORMATION							
STABILITY (CONDITIONS TO AVOID):		None					
CHEMICAL INCOMPATIBILITY:		Strong oxidizers					
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen.							
HAZARDOUS POLYMERIZATION:		Will not occur.					
CORROSIVE TO METAL:		No			OXIDIZER: No		
HAZARDOUS MATERIALS IDENTIFICATION SYSTEM							
HEALTH	1	FLAMMABILITY	0	REACTIVITY	0	SPECIAL	0

**VI. HEALTH HAZARD AND FIRST AID INFORMATION**

ROUTES OF ENTRY	EFFECTS OF OVEREXPOSURE
INHALATION	Prolonged exposure to high concentrations of mists may cause throat irritation.
EYE CONTACT	May cause irritation.
SKIN CONTACT	Prolonged or repeated exposure may cause mild irritation.
INGESTION	May cause irritation of the digestive tract.

EMERGENCY FIRST AID PROCEDURES	
INHALATION	Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.
EYES	Flush eyes with water. If irritation occurs, get medical attention.
SKIN	Remove contaminated clothing and wipe excess from skin. Wash skin with soap and water. If irritation occurs, get medical attention.
INGESTION	Do not induce vomiting. Get medical attention immediately.

EPA SARA TITLE III INFORMATION		
SECTION 313 CHEMICAL	CAS #	WEIGHT PERCENT
NONE		

**VII. OCCUPATIONAL CONTROL PROCEDURES**

VENTILATION	Provide local exhaust in areas where airborne concentrations constitute overexposure.
RESPIRATORY	Use NIOSH approved respirator for organic vapors to prevent overexposure.
EYE PROTECTION	Safety glasses or goggles are recommended where splashes to eyes may occur.
SKIN PROTECTION	Rubber gloves are recommended for prolonged or repeated exposure.
HANDLING AND STORAGE	Store in a dry location. Keep containers closed when not in use.

**VIII. ENVIRONMENTAL CONTROL PROCEDURES**

SPILL AND LEAK PROCEDURES	Dike area to contain spill and prevent from entering public waters if possible. Absorb in sand, earth, vermiculite or similar material. Wear appropriate protective equipment.
WASTE DISPOSAL METHODS	Dispose of according to local and RCRA regulations.

**IX. ADDITIONAL INFORMATION**

WHILE THE INFORMATION AND RECOMMENDATIONS SET FORTH ON THIS DATA SHEET ARE BELIEVED TO BE ACCURATE AS OF THE PRESENT DATE, UNITED LUBRICANTS MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.

EFFECTIVE DATE:	21-Oct-09	
SUPERSEDES:	8-Sep-97	

EXPLANATION OF ABBREVIATIONS	NE=NOT ESTABLISHED AP=APPROXIMATE	ND=NOT DETERMINED NA=NOT APPLICABLE	TR=TRACE UK=UNKNOWN	>=GREATER THAN <=LESS THAN
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