

MATERIAL SAFETY DATA SHEET ☒ LIQUID ☐ AEROSOL

SECTION I: PRODUCT AND PREPARATION INFORMATION

MARKETED BY:	WD-40 PRODUCTS (CANADA) LTD.	TELEPHONE:	TRADE NAME AND SYNONYMS	WD-40 BULK LIQUID	CODE NUMBER	01010, 01118
ADDRESS	P.O. BOX 220 TORONTO, ONTARIO M9C 4V3	EMERGENCY ONLY (CHEMTREC): INFORMATION:	PRODUCT USE	LUBRICANT/PENETRANT	PREPARED BY:	TECHNICAL GROUP, (416) 622-9881
			CHEMICAL NAMES AND SYNONYMS	ORGANIC MIXTURE	DATE OF PREPARATION:	MAY 1, 2002

SECTION II: HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	CAS NUMBER	PIN (UN)	PERCENT BY WT.	NATURE OF HEALTH HAZARD AND ROUTE OF ENTRY	TYPE OF HAZARD			LD 50 (ORAL SP.)	LC 50 (INH. SP.)
					CHRONIC	ACUTE	PPM		
Stoddard Solvent (Aliphatic Petroleum Distillates)	8052-41-3	1268	60-100	May cause eye, skin irritation. Low toxicity via Inhalation.		X	100	ACGIH 6,400 mg/kg Rat	1,400 ppm (4 hr.) Rat
BALANCE OF INGREDIENTS ARE NOT CONSIDERED HAZARDOUS, ACCORDING TO WHMIS.									

SECTION III: SHIPPING INFORMATION

NFPA CLASS - CLASS 2	SHIPPING NAME - PETROLEUM DISTILLATES N.O.S.
TDG CLASS - CLASS 3 - 205 LITRE DRUM, NOT REGULATED FOR 3.785 LITRES	WHMIS - B3
	PACKAGE GROUP - III
	UN NUMBER - 1993 FOR 205 LITRE DRUM

SECTION IV: PHYSICAL DATA

PHYSICAL STATE	Liquid	SPECIFIC GRAVITY (H20=1)	0.800 @ 70°F
BOILING POINT (°C)	149 Minimum	PERCENT VOLATILE BY VOLUME (%)	70
VAPOUR PRESSURE (psig @ 20°C)	7 mmHg 38°C	EVAPORATION RATE (B.A. = 1)	0.10
VAPOUR DENSITY (AIR = 1)	> 1	pH	Not Appl.
SOLUBILITY IN WATER (% BY WT.)	0	FREEZING POINT (°C)	< 0
APPEARANCE AND ODOUR	Cloudy light amber, Characteristic Odour	ODOUR THRESHOLD	100 ppm

SECTION V: FIRE AND EXPLOSION HAZARDS

FLASH POINT (METHOD USED) - CONCENTRATE 43°C	FLAMMABLE LIMITS IN AIR (% BY VOL.)	LOWER	UPPER
TAG OPEN CUP, MINIMUM	(PROPELLANT PORTION)	1	6
AUTO IGNITION TEMPERATURE	EXTINGUISHING MEDIA	Dry chemical, CO ₂ , Foam <input type="checkbox"/> Other:	
<input type="checkbox"/> EXPERIMENTAL <input checked="" type="checkbox"/> ESTIMATED 250°C			
HAZARDOUS COMBUSTION PRODUCTS	POSSIBLE PHOSGENE OVER 500°C <input checked="" type="checkbox"/> HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE (CO) WHERE COMBUSTION IS INCOMPLETE. <input type="checkbox"/> OTHER:		
SPECIAL FIRE FIGHTING PROCEDURES	<input type="checkbox"/> Water from fogging nozzles may be used to cool closed containers to prevent pressure build-up if exposed to extreme temperatures. <input type="checkbox"/> Other:		
Not Applicable			
UNUSUAL FIRE AND EXPLOSION HAZARDS	<input type="checkbox"/> Containers may explode if exposed to temperatures greater than 50°C. <input type="checkbox"/> Sensitive to shock <input type="checkbox"/> Sensitive to static discharge		
Not Applicable			

SECTION VI: (CONT'D) LIQUID FLAMMABILITY	
Flammability of an aerosol is determined by flame projection. The flame projection of this product is classified as: Not Applicable	
<input type="checkbox"/> zero cm (Non-Flammable)	<input type="checkbox"/> 0-15 cm (Caution) <input type="checkbox"/> 15-45 cm (Warning) <input type="checkbox"/> Over 45 cm (Danger)
FLASHBACK Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No	

SECTION VII: HEALTH HAZARD DATA – TOXICOLOGICAL PROPERTIES AND FIRST AID MEASURES			
THRESHOLD LIMIT VALUE: See section II (Time weighted average, unless otherwise specified)		TOXICOLOGICAL SYNERGISTIC PRODUCTS: None Known	
EFFECTS OF OVEREXPOSURE <input checked="" type="checkbox"/> ACUTE Dizziness, nausea, irritation to skin and eyes. <input checked="" type="checkbox"/> CHRONIC Solvents may cause defatting dermatitis.			
SENSITIZATION TO PRODUCT <input type="checkbox"/> Skin <input type="checkbox"/> Respiratory <input type="checkbox"/> Allergen <input checked="" type="checkbox"/> Presently Unknown		IRRITANCY OF PRODUCT <input checked="" type="checkbox"/> Non-Irritant <input type="checkbox"/> Irritant: <input type="checkbox"/> Presently Unknown	
REPRODUCTIVE EFFECTS <input type="checkbox"/> TERATOGENICITY <input type="checkbox"/> MUTAGENICITY None Known		CARCINOGENICITY OF PRODUCT <input checked="" type="checkbox"/> Non-Carcinogenic <input type="checkbox"/> Carcinogenic <input type="checkbox"/> Presently Unknown	
EMERGENCY AND FIRST AID PROCEDURES Remove patient to fresh air. Flush exposed skin and eyes with copious amounts of water. If ingested do not induce vomiting. Call a physician immediately.			

SECTION VIII: REACTIVITY DATA			
STABILITY <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	HAZARDOUS POLYMERIZATION <input checked="" type="checkbox"/> Will Not Occur <input type="checkbox"/> May Occur	INCOMPATIBILITY (MATERIALS TO AVOID) <input type="checkbox"/> Strong Acids <input type="checkbox"/> Strong Alkalis <input checked="" type="checkbox"/> Strong Oxidizers <input type="checkbox"/> Organic Materials <input type="checkbox"/> Water <input type="checkbox"/> Other	
CONDITIONS TO AVOID <input checked="" type="checkbox"/> Storage in hot, unventilated areas. <input type="checkbox"/> Other:	HAZARDOUS DECOMPOSITION PRODUCTS <input type="checkbox"/> Possible phosgene over 500°C. <input checked="" type="checkbox"/> Hydrocarbon fumes and smoke, Carbon Monoxide (CO) where combustion is incomplete. <input type="checkbox"/> Other:		

SECTION IX: SPILL OR LEAK PROCEDURES	
COEFFICIENT OF H ₂ O/OIL DISTRIBUTION Not Available	WASTE DISPOSAL METHOD <input checked="" type="checkbox"/> Dispose of in accordance with local, provincial and federal regulations.
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED <input checked="" type="checkbox"/> Remove all sources of ignition. Use inert absorbent material, and non-sparking tools. Avoid breathing fumes. Ventilate area. Prevent from entering a watercourse.	

SECTION X: SPECIAL PROTECTION INFORMATION			
PROTECTIVE GLOVES <input checked="" type="checkbox"/> Required <input type="checkbox"/> Not normally required	EYE PROTECTION (SAFETY GLASSES) <input checked="" type="checkbox"/> Required <input type="checkbox"/> Not normally required	OTHER PROTECTIVE EQUIPMENT <input type="checkbox"/> Required <input checked="" type="checkbox"/> Not normally required	
RESPIRATION PROTECTION <input checked="" type="checkbox"/> If used indoors on a continuous basis, use of a cartridge type respirator is recommended.		VENTILATION <input checked="" type="checkbox"/> Local <input type="checkbox"/> MECHANICAL If used indoors on a continuous basis.	

SECTION XI: SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Store in a cool, well ventilated area not to exceed 50°C.	OTHER PRECAUTIONS Do not puncture or incinerate containers, even when empty.