



MATERIAL SAFETY DATA SHEET

GENERAL INFORMATION

PRODUCT NAME OR NUMBER (as it appears on label)	CATALOG NUMBER			
YELLOW 77® Aerosol Wire Pulling Lubricant	All "31" Series			
MANUFACTURER'S NAME	EMERGENCY TELEPHONE NO.			
IDEAL INDUSTRIES, INC.	(815) 895-5181			
ADDRESS (Number, Street, City, State, Zip Code)				
Becker Place, Sycamore, IL 60178				
HAZARDOUS MATERIAL DESCRIPTION, PROPER SHIPPING NAME, HAZARD CLASS, HAZARD CLASS, HAZARD ID NO. (49 CFR 172.101)				
None				
CHEMICAL DESCRIPTION	FORMULA			
Water-Wax Emulsion	Proprietary			

SECTION I - INGREDIENTS

CAS REGISTRY NO.	%W	CHEMICAL NAME(S)*	Listed as a carcinogen in NTP, I ARC or OSHA 1910(z) (specify)
7732-18-5	<80	Water	No
Proprietary	<10	Paraffin Wax	No
8009-03-8	<5	Petrolatum	No
64742-53-6	<5	Napthenic Mineral Oil (See *A)	No
9005-08-7	<4	Polyethylene Glycol Ester	No
9004-99-3	<1	Polyethylene Glycol Ester	No
Proprietary	<0.1	Perfume	No
9004-32-4	<1	Cellulose Gum	No
4080-31-3	<1	Antimicrobial Agent	No
6358-31-2	<0.1	Yellow Pigment	No
57-11-4	<10	Stearic Acid	No

SECTION II - PHYSICAL DATA

BOILING POINT	SPECIFIC GRAVITY (H ₂ O=1)	PERCENT VOLATILE BY VOLUME (%)	
<0°F <-18 °C	0.98	<90	
SOLUBILITY IN WATER	pH =	PERCENT SOLID BY	
Moderate:	8.3 - 9.5	WFIGHT (%) ~25	
APPEARANCE AND ODOR	IS MATERIAL: LIQUID SOLID GEL		
Yellow liquid foam.	Foams GAS PASTE		

SECTION III - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT	Product - None	method used C.O.C.	FLAMMABLE LIMITS	LEL	UEL	
	Propellant <0 F.			1.9	9.5	
EXTINGUISHING	MEDIA					
	Use extinguishing media suitable for surrounding materials					
SPECIAL FIRE F	SPECIAL FIRE FIGHTING PROCEDURES					
		Self-contained respiratory protect	tion should be provid	ed for fire fiahters. Ke	en fire exposed	
containers	cool with water.					
UNUSUAL FIRE AND EXPLOSION HAZARDS						
Keep at room temperature as exposure to direct sunlight or other heat may cause bursting.						

^{*} None of the chemical raw materials contained in this formulation are considered hazardous under the Federal Hazards Communication Standard 29 C. F. R 1910.1200

A propellant used at 5% of the total package weight is propanol/isobutane (C.A.S. 74-98-6/75-28-5). *A: Oil severely hydrotreated with a polymorphonuclear content at less than 0.1% and meets OSHA 29 C.F.R 1910.1200

SECTION IV - HEAI TH HAZARD INFORMATION

EFFECTS OF OV	EREXPOSURE - Cor		ECTION IV - HEALTH	HAZA	RD INFOR	MATION
LITECIS OF OV	EREXI OSORE - COI	ullions to Ave		exnected	Upon prole	onged contact, may cause temporary eve
	could cause res	piratory ir	ritation.			
THRESHOLD LIM		Minera	LOiLMist∘ 5mg/m∘ Paraf	fin 2ma	ı/m· Pronella	ant: 1000nnm
PRIMARY ROUTE	ES OF ENTRY Inhala	tion 🛛 Skir	I Oil Mist: 5ma/m: Parafi n Contact ☑ Other (specify)	Inhala	tion	
EMERGENCY FIR	RST AID PROCEDUR		with soan and water.			
EYE CONTACT:				BRE	ATHING:	
INGESTION:	Flush with water	for 15 mir	<u>iutes.</u>		Remo	ve to fresh air.
	Г	<u>o not indu</u>	<u>ice vomitina. Consult ph</u>			
	UNSTABI F	CON	SECTION V - R	EACII	VIIY DAIA	1
STABILITY	UNSTABLE	Avoid prolonged storage at temperatures exceeding 120 F.				
	STABLE	Χ	·			
INCOMPATIBILIT	Y (materials to avoid)	l l	Avoid stro	na ovidi	zorc	
	COMPOSTION PROD					
Exces	sive heat and hui MAY OCCUF		<u>release oxides of carbon</u> ONDITIONS TO AVOID	and nitr	<u>roaen. fluoria</u>	le. hydrogen chloride and phosgene gas
HAZARDOUS POLYMERIZATION		`			No	one
FOLTWICKIZATIO	WILL NOT OCCI	JR X				
			ECTION VI - SPILL A	ND LE	AK PROCE	DURES
STEPS TO BE TA	KEN IF MATERIAL IS	RELEASED		vel or va	ocuum spilled	d material. Clean un spills immediately
	be dangerousl	y slippery				
WASTE DISPOSA		t incinerate	e. Comply with Federal.	state ar	ıd local regul	lations for solid landfill
CERCLA (Superfu	ind) REPORTABLE Q	UANTITY (in	•	Required	I	
RCRA HAZARDO	US WASTE NO. (400	FR 261.33)	None I	Required	ı	
VOLATILE ORGA	NIC COMPOUND (VO	OC) (as packa	aged, minus water)			
³ Theoretical	lb/gal N	/A	5% b\	<u>weiaht</u> Analy	tical lb/g	al N/A
		SECTI	ON VII - PERSONAL			
RESPIRATORY P	ROTECTION (specify					
	LOCAL EXHAUST (Sp	acify Patal	None norm See below.	<u>ıallv redi</u>	<u>Jired.</u> Special	None
VENTUATION	MECHANICAL (Gener					
	OVES (specify type)	Recom	mended in closed areas EYE PROTECTION (specify typ	۵)	OTHER	None
None normally	needed -Neoprene if r		THE PROTECTION (Specily type	· -	fetv alasses	or splash googles
OTHER PROTEC	TIVE EQUIPMENT	Provide la	ocal exhaust to insure TI	I V and I	FL limits are	e not exceeded
l .			SECTION VIII - SPE			
PRECAUTIONS T	O BE TAKEN IN HAN			old from	zina Do no	t nuncture or incinerate cans.
OTHER PRECAU	TIONS					
	wav from childre	n infants a	and nets On not disnose	<u>e of can</u>	s without firs	t exnelling all contents. Contents under
pressure.			SECTION IX - ADDIT	ΙΟΝΔΙ	INFORMA	ATION
If material	is used in extr	eme hea				exposure could pose a risk of
			elow TLV (5mg/m) a			
						the reporting requirements of
Section 3	13 of EPCRA:					
			<u>vI)-3.5.7-triaza-1-azo</u>	<u>oniaad</u>	<u>amantane</u>	chloride. 0.2%
N/A = Not Ap	oplicable, N.E.			NATA 0	UEET SS	- DADED DV
			MATERIAL SAFETY [EPARED BY:
	James R. Mach			SIGN	ATURE	
	Quality Assurar	ce Mana	<u>ger</u>	4	13	Jum R. Ma March
DATE	12/3/2002					