MATERIAL SAFETY DATA SHEET		
SECTION 1. IDENTIFICATION OF PRODUCT		
1.1 CHEMICAL NAME OR DESCRIPTION	1.2 EMERGENCY TELEPHONE NUMBER	
Vegetable Oil	(513)482-8000	
1.3 SYNONYMS AND TRADE NAMES	1.6 CHEMICAL FAMILY	
Crisco Oil: Vegetable/Canola/Corn/Natural Blend/Olive Oil (Pure/Light/Extra Virgin)/Peanut	Triglyceride	
1.4 MANUFACTURERS NAME	1.7 MOLECULAR WEIGHT	
J. M. Smucker	Not Pertinent	
1.5 ADDRESS (INCLUDE STREET NUMBER AND ZIP CODE)		
5204 Spring Grove, Cincinnati, Ohio 45217		
1.8 DOT HAZARD CLASSIFICATION (REGULATED ARTICLES)	1.9 DOT SHIPPING NAME (REGULATED ARTICLES)	
Not Pertinent	Not Regulated	
SECTION 2. PI	HYSICAL DATA	
2.1 APPEARANCE AND ODOR		
Liquid, clear pale yellow		
2.2 SPECIFIC GRAVITY (WATER #1) (LIQUIDS ONLY)	2.3 SOLIDS CONTENT (PERCENT BY WEIGHT) (SOLIDS, DISPERSIONS OR PASTES ONLY)	
25/25°C ca 0.92	NA	
2.4 SOLUBILITY IN WATER (PERCENT BY WEIGHT) (SPECIFY TEMPERATURE IN DEGREES F)	2.5 BOILING POINT (DEGREES FAHRENHEIT) (NON-AQUEOUS LIQUIDS ONLY)	
Insoluble	Not Pertinent (very high)	
2.6 VAPOR PRESSURE (MM OF HG AT °F) (NON AQUEOUS LIQUIDS ONLY)	2.7 VAPOR DENSITY (AIR #1) (NON-AQUEOUS LIQUIDS ONLY)	
Not Pertinent	Not Pertinent	
2.8 EVAPORATION RATE (BUTYL ACETATE = 100) (NON AQUEOUS LIQUIDS ONLY)	2.9 pH (AQUEOUS LIQUIDS ONLY)	
Not Pertinent	NA	
SECTION 3. FIRE AND EXPLOSION HAZARD DATA		
3.1 FLASH POINT (SPECIFY METHOD) (DEGREES FAHRENHEIT) 540°F CC	3.2 FLAMMABLE LIMIT (VAPOR IN AIR) LOWER UPPER (PERCENT BY VOLUME) Not Pertinent	
3.3 FIRE EXTINGUISHING MEDIA		
Foam, dry chemical, carbon dioxide		
3.4 SPECIAL FIRE FIGHTING PROCEDURES		
Water or foam may cause frothing, water may be ineffective		
3.5 UNUSUAL FIRE AND EXPLOSION HAZARDS		
Firefighters should wear self contained breathing apparatus		
SECTION 4. REACTIVITY DATA		
	NS TO AVOID: Slow heat generation can occur with oil rags,	
HAZARDOUS STABLE X INTER AIOS POLYMERIZATION) OCCUR.	, etc. If heat is contained, spontaneous combustion can	
4.2 INCOMPATIBILITY (MATERIALS TO AVOID)		
This material is incompatible with oxidizing agents.		
4.3 HAZARDOUS DECOMPOSITION PRODUCTS		
Thermal oxidative degradation can yield carbon monoxide and acrolein.		
SECTION 5. SPILL OR LEAK PROCEDURES		
5.1 STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED		
Absorb with vermiculite or other absorbent material, mechanical containment. Remove material, clean area with soap and water		
area with soap and water. 5.2 WASTE DISPOSAL METHOD		
Treat as combustible material. Liquid waste can be incinerated or disposed of via a licensed waste		
disposal company. Solid absorbed material can be burned or deposited in an approved sanitary landfill.		
References: Response Methods Handbook, Cg 446-4;		
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SECTION 6. HEALTH HAZARD DATA			
6.1 EFFECTS OF CONTACT WITH EYES			
May cause mild irritation.			
6.2 EFFECTS OF CONTACT WITH SKIN (LOCAL AND SYSTEMIC, ACUTE AND CHRONIC)			
Oil is essentially non-toxic.			
6.3 EFFECTS OF INHALATION (LOCAL AND SYSTEMIC, ACUTE AND CHRONIC)			
Aspiration or inhalation into lungs of mist could cause chemical pneumonitis.			
6.4 EFFECTS OF INGESTION			
Essentially non-toxic (material is a food).			
6.5 EMERGENCY AND FIRST AID PROCEDURES			
INGESTION: DO NOT induce vomiting. <u>EYES</u> : Wash with water for 15 minutes.			
6.6 SPECIAL MEDICAL EXAMINATIONS			
NONE			
	SECTION 7. SPECIAL PROTECTION INFORMATION		
7.1 RESPIRATORY PROTECTION (SPECIFY TYPE)			
Provide exhaust ventilation when heated or exposed to mist.			
7.2 GLOVES (SPECIFY MATERIAL OF CONSTRUC	TION)	7.3 EYE PROTECTION (SPECIFY TYPE)	
Neoprene rubber		Safety goggles or glasses with shield.	
7.4 OTHER PROTECTIVE EQUIPMENT (CAP, APRON, COVERALLS, BOOTS, EYEWASH FOUNTAIN, SAFETY SHOWER, ETC.)			
Eyewash and washing facilities should be accessible.			
7.5 PERSONAL HYGIENE			
Use good personal hygiene.			
7.6 ENGINEERING CONTROL OF HEALTH HAZARDS (VENTILATION, ETC.)			
Exhaust ventilation if mist is present			
		CH STANDARDS HAVE BEEN SET	
SUBSTANCE	PERCENT	THRESHOLD LIMIT VALUE/OSHA STANDARD (SPECIFY UNITS SUCH AS PPM, MG PER CUBIC METER, MPPCF, ETC.)	
8.1 USE THIS SPACE WHEN THE PRODUCT IS			
ESSENTIALLY A SINGLE CHEMICAL COMPOUND OR ELEMENT AS	Ca	$0 = T M (0.40 = \pi) (m^{3})$	
IDENTIFIED IN SECTION 1.1 8.2 COMPONENTS (10 PERCENT OR MORE	100%	8 hr. TWA 10 mg/m ^{3*}	
8.2 COMPONENTS (10 PERCENT OR MORE OF MIXTURES) NA	NA	*ACGIH (1984-85) TLV for Nuisance particularly vegetable oil mist.	
EVALUATION 8.3 AIR ANALYSIS (INSTRUMENTATION)			
Not Required			
OF 8.4 AIR ANALYSIS (CHEMICAL METHOD)			
EXPOSURES 8.5 ANALYSIS OF BIOLOGICAL MATERIAL			
Not Required			
SECTION 9. SPECIAL PRECAUTIONS			
9.1 PRECAUTIONARY LABELING Health Hazard 0			
Flammability 1			
	Reactivity	0	
9.2 OTHER HANDLING AND STORAGE CONDITIONS			
OSHA Class IIIB Combustible Liquid			