

MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF PRODUCT

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| 1.1 CHEMICAL NAME OR DESCRIPTION <p style="text-align: center;">Vegetable Oil</p> | 1.2 EMERGENCY TELEPHONE NUMBER <p style="text-align: center;">(513)482-8000</p> |
| 1.3 SYNONYMS AND TRADE NAMES Crisco Oil: Vegetable/Canola/Corn/Natural Blend/Olive Oil (Pure/Light/Extra Virgin)/Peanut | 1.6 CHEMICAL FAMILY <p style="text-align: center;">Triglyceride</p> |
| 1.4 MANUFACTURERS NAME <p style="text-align: center;">J. M. Smucker</p> | 1.7 MOLECULAR WEIGHT <p style="text-align: center;">Not Pertinent</p> |
| 1.5 ADDRESS (INCLUDE STREET NUMBER AND ZIP CODE) <p style="text-align: center;">5204 Spring Grove, Cincinnati, Ohio 45217</p> | |
| 1.8 DOT HAZARD CLASSIFICATION (REGULATED ARTICLES) <p style="text-align: center;">Not Pertinent</p> | 1.9 DOT SHIPPING NAME (REGULATED ARTICLES) <p style="text-align: center;">Not Regulated</p> |

SECTION 2. PHYSICAL DATA

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| 2.1 APPEARANCE AND ODOR <p style="text-align: center;">Liquid, clear pale yellow</p> | |
| 2.2 SPECIFIC GRAVITY (WATER #1) (LIQUIDS ONLY) 25/25°C ca 0.92 | 2.3 SOLIDS CONTENT (PERCENT BY WEIGHT) (SOLIDS, DISPERSIONS OR PASTES ONLY) <p style="text-align: right;">NA</p> |
| 2.4 SOLUBILITY IN WATER (PERCENT BY WEIGHT) (SPECIFY TEMPERATURE IN DEGREES F) <p style="text-align: center;">Insoluble</p> | 2.5 BOILING POINT (DEGREES FAHRENHEIT) (NON-AQUEOUS LIQUIDS ONLY) <p style="text-align: center;">Not Pertinent (very high)</p> |
| 2.6 VAPOR PRESSURE (MM OF HG AT °F) (NON AQUEOUS LIQUIDS ONLY) <p style="text-align: center;">Not Pertinent</p> | 2.7 VAPOR DENSITY (AIR #1) (NON-AQUEOUS LIQUIDS ONLY) <p style="text-align: center;">Not Pertinent</p> |
| 2.8 EVAPORATION RATE (BUTYL ACETATE = 100) (NON AQUEOUS LIQUIDS ONLY) <p style="text-align: center;">Not Pertinent</p> | 2.9 pH (AQUEOUS LIQUIDS ONLY) <p style="text-align: right;">NA</p> |

SECTION 3. FIRE AND EXPLOSION HAZARD DATA

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| 3.1 FLASH POINT (SPECIFY METHOD) (DEGREES FAHRENHEIT) 540°F CC | 3.2 FLAMMABLE LIMIT (VAPOR IN AIR) LOWER UPPER (PERCENT BY VOLUME) <p style="text-align: center;">Not Pertinent</p> |
| 3.3 FIRE EXTINGUISHING MEDIA <p style="text-align: center;">Foam, dry chemical, carbon dioxide</p> | |
| 3.4 SPECIAL FIRE FIGHTING PROCEDURES <p style="text-align: center;">Water or foam may cause frothing, water may be ineffective</p> | |
| 3.5 UNUSUAL FIRE AND EXPLOSION HAZARDS <p style="text-align: center;">Firefighters should wear self contained breathing apparatus</p> | |

SECTION 4. REACTIVITY DATA

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| 4.1 STABILITY (INCLUDING HAZARDOUS POLYMERIZATION) | UNSTABLE ----- STABLE | ----- X | CONDITIONS TO AVOID: Slow heat generation can occur with oil rags, filter aids, etc. If heat is contained, spontaneous combustion can occur. |
| 4.2 INCOMPATIBILITY (MATERIALS TO AVOID) <p style="text-align: center;">This material is incompatible with oxidizing agents.</p> | | | |
| 4.3 HAZARDOUS DECOMPOSITION PRODUCTS <p style="text-align: center;">Thermal oxidative degradation can yield carbon monoxide and acrolein.</p> | | | |

SECTION 5. SPILL OR LEAK PROCEDURES

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| 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. |
| 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;
 Hazardous Chemicals Data Book, Environmental Health Review No. 4

