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Revised 7/2008

MATERIAL SAFETY DATA SHEET

SECTION 1 – COMPANY AND PRODUCT IDENTIFICATION

Issued by: JEEN INTERNATIONAL CORPORATION CHEMTREC Emergency Tel#: 800-424-9300,
24 MADISON ROAD CHEMTREC Int'l Emergency Tel#: 703-527-3887
FAIRFIELD, NJ 07004 (Collect Calls Accepted)
TEL: 973439-1401 LAST REVISION DATE: FEBRUARY 3, 2003

TRADE NAME: SUNFLOWER OIL
PRODUCT NAME: REFINED, BLEACHED, WINTERIZED SUNFLOWER OIL

HMIS: Health: 0 Fire: 0 Reactivity: 0 Personal Protection: A

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	WT.	TLV	UNITS	AGENCY	TYPE
CAS NO.	PERCENT				
Refined Sunflower Oil	100.0	N/A			
8001-21-6					

SECTION 3- HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: A PALE YELLOW, OILY LIQUID – ONLY A FAINT ODOR.
COMBUSTION HAZARD: WASTE SOAKED WITH OIL MAY SPONTANEOUSLY FIRE IF IMPROPERLY DISCARDED.

THRESHOLD LIMIT VALUE (TLV): SEE SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS.

EFFECTS OF OVEREXPOSURE:

EYES: Contact may cause mild eye irritation including stinging, watering, and redness.

SKIN: Contact may cause mild skin irritation including redness, burning, and drying and cracking of the skin. No harmful effects from skin absorption have been reported.

INHALATION (Breathing): Expected to have a low degree of toxicity by inhalation.

INGESTION (Swallowing): No harmful effects reported. ASPIRATION HAZARD-this material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

SIGNS AND SYMPTOMS: Effects of overexposure include irritation of the nose and throat, irritation of the digestive tract and signs of nervous system depression (e.g., headache, drowsiness, dizziness, loss of coordination, and fatigue).

CANCER: No data available.

TARGET ORGANS: Inadequate data available for this material and its components.

DEVELOPMENTAL: Inadequate data available for this material and its components.

SECTION 4- FIRST AND MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

EYES: If irritation or redness develops, move victim away from exposure and into fresh air. Flush eyes with clean water. If symptoms persist, seek medical attention.

SKIN: Remove contaminated shoes and clothing and cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops and persists, seek medical attention.

INHALATION (Breathing): If respiratory symptoms develop, move victim away from source of exposure and into fresh air. If symptoms persist, seek medical attention. If victim is not breathing, immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.



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SECTION 4- FIRST AND MEASURES Continued...

INGESTION (Swallowing): Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. If victim is drowsy or unconscious, place on the left side with the head down. If possible, do not leave victim unattended. Seek medical attention.

SECTION 5- FIRE FIGHTING MEASURES

FLASH POINT: >500 DEG. F CLEVELAND OPEN CUP METHOD
FLAMMABLE LIMITS (% BY VOLUME IN AIR AT 212 DEG. F):
LOWER EXPLOSION LIMIT: N/A UPPER EXPLOSION LIMIT: N/A
EXTINGUISHING MEDIA: Use foam, carbon dioxide or chemical fire fighting apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Keep containers tightly closed; isolate from heat, electrical equipment, sparks and open flame. Used containers may explode when exposed to extreme heat.

SECTION 5 – FIRE FIGHTING MEASURES CONTINUED.....

DANGER: RAGS, STEEL WOOL OR WASTE SOAKED WITH SUNFLOWER OIL MAY SPONTANEOUSLY CATCH FIRE IF IMPROPERLY DISCARDED. IMMEDIATELY AFTER USE, PLACE RAGS, STEEL WOOL OR WASTE IN A SEALED WATER-FILLED METAL CONTAINER.

SPECIAL FIRE FIGHTING PROCEDURES: The use of self-contained breathing apparatus is recommended for fire fighters. Water spray may be used for cooling containers to prevent possible pressure build-up and auto-ignition or explosion when exposed to extreme heat. Avoid spreading burning liquid with water used for cooling.

SECTION 6- ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Evacuate all non-essential personnel. Remove all sources of ignition. Ventilate the area. Equip employees with appropriate protection equipment. (See Section 8). Dike around spilled material. Cover spill with inert absorbent material and shovel with non-sparking tools into container. Remove container to a safe area and seal.

SECTION 7- HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

---Drums: Protect against physical damage. Outside or detached storage preferred.
---Bulk: Storage should be in standard flammable liquid storage tanks.

OTHER PRECAUTIONS: Should ground equipment to reduce electrical sparking hazard.

Do not take internally; avoid prolonged contact or inhalation. Avoid spontaneous combustion of contaminated rags and other easily ignitable accumulations (example: spray booth residue) by immediate immersion in water.

SECTION 8- EXPOSURE CONTROLS, PERSONAL PROTECTION

RESPIRATORY PROTECTION:

Use self-contained breathing apparatus where vapor concentrations may be above TLV limit. Below the TLV limits, use a NIOSH-approved vapor respirator or an air line respirator with escape bottle provisions.

VENTILATION: Local exhaust must be sufficient to keep airborne vapor concentrations below the TLV limit. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination.

PROTECTIVE GLOVES: Chemical resistant gloves.

EYE PROTECTION: Safety goggles or glasses with side shields to guard against splashes.

OTHER PROTECTIVE EQUIPMENT: Eye bath and safety showers. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

ODOR: ODORLESS
VAPOR DENSITY (AIR=1): VERY LOW
SOLUBILITY IN WATER: NEGLIGIBLE



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SECTION 9 - PHYSICAL DATA

MELT POINT (DEG. F): NDA
VAPOR PRESSURE: NDA
APPEARANCE: CLEAR, OILY LIQUID WITH SLIGHT VEGETABLE OIL

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Spontaneous combustion can occur. See FIRE FIGHTING MEASURES, SECTION 5.
CONDITIONS TO AVOID: Excessive heat, sparks or open flames. High surface area exposure to oxygen can result in polymerization and release of heat.

INCOMPATIBILITY
(material to avoid): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield carbon dioxide and/or carbon monoxide. Aldehydes(including acrolein) may be produced from atmospheric oxidation and/or thermal degradation under severe pressure.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11- TOXICOLOGICAL INFORMATION

No definitive information available on carcinogenicity, mutagenicity, target organs or developmental toxicity.

SECTION 12- ECOLOGICAL INFORMATION

No definitive information available on environmental impact if product is released to the environment.

SECTION 13- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Incinerate under safe conditions, dispose of in accordance with local, state and federal regulations.

We recommend that containers be either professionally reconditioned for reuse by certified firms or properly disposed of by certified firms to help reduce the possibility of an accident. Disposal of containers should be in accordance with applicable federal, state and local laws and regulations. "Empty" drums should not be given to individuals.

The conditions of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

SECTION 14- TRANSPORT INFORMATION

DOT CLASSIFICATION: NOT REGULATED BY THE DEPARTMENT OF TRANSPORTATION (DOT) AS A HAZARDOUS MATERIAL.



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SECTION 15- REGULATORY INFORMATION

TSCA (TOXIC SUBSTANCE CONTROL ACT): All components of this product are listed on the TSCA Inventory.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) / DSL (DOMESTIC SUBSTANCE LIST): All components of this product are listed on the Canadian DSL.

PENNSYLVANIA (35 PS SECTION 7-301 TO 320):

REFINED SUNFLOWER OIL (100%), CAS 8001-21-6, IS NOT LISTED AS A HAZARDOUS SUBSTANCE.

CERCLA: The CERCLA Reportable Quantity for this product is (NONE) pounds, which is based on the RQ of each ingredient and its percent in mixture.

SARA TITLE III:

SEC. 302/304 REPORTABLE QUANTITY OF EXTREMELY HAZARDOUS SUBSTANCE: (NONE)

SEC. 302 THRESHOLD PLANNING QUANTITY, EXTREMELY HAZARDOUS SUBSTANCE: (NONE)

SEC. 311/312 HAZARD CATEGORIES: (NONE)

SEC. 313 AND 40 CER 372: TOXIC CHEMICAL REPORTABLE INGREDIENTS: (NONE)

SECTION 16- OTHER INFORMATION

THIS MSDS HAS BEEN REVISED TO FOLLOW THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) STANDARD ANSI Z400.1-1993 FOR THE PREPARATION OF MATERIAL SAFETY DATA SHEETS FOR HAZARDOUS INDUSTRIAL CHEMICALS.

THIS MSDS REPLACES ALL PREVIOUS VERSIONS FOR THIS PRODUCT. PLEASE DISCARD ALL PREVIOUS VERSIONS AS THEY MAY CONTAIN CHANGED OR OBSOLETE INFORMATION.

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