



24 Madison Road, Fairfield, New Jersey 07004, USA
Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,
Email: info@jeen.com , Website: www.jeen.com

MATERIAL SAFETY DATA SHEET
Revision Date: JULY 18 2011

SECTION I - MATERIAL AND MANUFACTURER IDENTIFICATION

Manufacturer's Name:	Chemtrec Emergency Tel. # 800-424-9300
JEEN INTERNATIONAL CORPORATION	*Chemtrec International Emergency Tel. # 703-527-3887
24 MADISON ROAD	*Collect Calls Accepted.
FAIRFIELD, NJ 07004	
Telephone No.: (973) 439-1401	
PRODUCT NAME:	SESAME OIL USP
CAS#:	8008-74-0

SECTION 2 – COMPOSITION OF INGREDIENTS

INGREDIENTS PRESENT AT OR ABOVE 0.1 WT% (CLASSIFIED AS TOXIC OR VERY TOXIC) OR 1 WT% (CLASSIFIED AS HARMFUL, IRRITANT OR CORROSIVE).
HAZARDOUS INGREDIENT: NONE CAS-No.: 8008-74-0
EINCS-No.: 232-370-6

SECTION 3 – HAZARD IDENTIFICATION

THIS PRODUCT IS A PURE VEGETABLE AND EDIBLE OIL WHICH IS NOT CONSIDERED TO PRESENT ANY HAZARD DURING NORMAL USE. THE OEL FOR OIL MIST SHOULD BE OBSERVED.

SECTION 4 – FIRST AID

INHALATION:	AT AMBIENT / NORMAL HANDLING TEMPERATURE (0-38 DEG. C), NO ADVERSE EFFECTS DUE TO INHALATION OF VAPOR ARE EXPECTED.
SKIN CONTACT:	NO ADVERSE EFFECTS DUE TO SKIN CONTACT ARE EXPECTED
EYE CONTACT:	NO ADVERSE EFFECTS DUE TO EYE CONTACT ARE EXPECTED. RINSE WITH WATER.
INGESTION:	NO ADVERSE EFFECTS DUE TO INGESTION ARE EXPECTED.

SECTION 5- FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:	FOAM, DRY CHEMICAL POWDER, CARBON DIOXIDE
UNSUITABLE EXTINGUISHING MEDIA:	WATER
FIRE AND EXPLOSION HAZARDS:	COMBUSTIBLE MATERIAL, LOW HAZARD. THE PRODUCT CAN FORM FLAMMABLE MIXTURES OR CAN BURN ONLY ON HEATING ABOVE THE FLASH POINT. HOWEVER, MINOR CONTAMINATION BY HYDROCARBONS OF HIGHER VOLATILITY MAY INCREASE THE HAZARD.
SPECIAL FIREFIGHTING PROCEDURES:	WATER FOG OR SPRAY, TO COOL FIRE-EXPOSED SURFACES (E.G. CONTAINERS) AND TO PROTECT PERSONNEL SHOULD ONLY BE USED BY PERSONNEL TRAINED IN FIRE FIGHTING. CUT OFF "FUEL"; DEPENDING ON CIRCUMSTANCES, EITHER ALLOW THE FIRE TO BURN OUT UNDER CONTROLLED CONDITIONS OR USE FOAM OR DRY CHEMICAL POWDER TO EXTINGUISH THE FIRE. RESPIRATORY AND EYE PROTECTION REQUIRED FOR FIRE FIGHTING



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PERSONNEL EXPOSED TO FUMES OR SMOKE

SECTION 6 – ACCIDENTAL RELEASE MEASURES

OTHER PRECAUTIONS: SEE SECTION 8

LAND SPILL SHUT OFF SOURCE TAKING NORMAL SAFETY PRECAUTIONS. PREVENT LIQUID FROM ENTERING SEWERS, WATER COURSES OR LOW LYING AREAS; ADVISE THE RELEVANT AUTHORITIES IF IT HAS, OR IF IT CONTAMINATES SOIL / VEGETATION. TAKE MEASURES TO MINIMIZE THE EFFECTS ON GROUND WATER. RECOVER BY SKIMMING OR PUMPING USING EXPLOSION-PROOF EQUIPMENT, OR CONTAIN SPILLED LIQUID WITH BOOMS, SAND OR OTHER SUITABLE ABSORBENT AND REMOVE MECHANICALLY INTO CONTAINERS. IF NECESSARY, DISPOSE OF ABSORBED RESIDUES AS DIRECTED IN SECTION 13.

WATER SPILL CONFINE THE SPILL IMMEDIATELY WITH BOOMS. WARN OTHER SHIPPING. NOTIFY PORT AND OTHER RELEVANT AUTHORITES. REMOVE FROM THE SURFACE BY SKIMMING OR WITH SUITABLE ASORBENTS. DISPERSE THE RESIDUE IN UNCONFINDED WATERS, IF PERMITTED BY LOCAL AUTHORITIES AND ENVIORNMENTAL AGENCIES.

SECTION 7 – HANDLING AND STORAGE

REQUIREMENTS FOR STOREROOMS& CONTAINERS: PENETATION OF SOIL TO BE AVOIDED. STORE THE PRODUCT IN COOL, WELL VENTILATED SURROUNDINGS, WELL AWAY FROM SOURCES OF IGINITION. PROVIDE SUITABLE MECHANICAL EQUIPMENT FOR THE SAFE HANDLING OF DRUMS AND HEAVY PACKAGES. ELECTRICAL EQUIPMENT AND FITTINGS MUST COMPLY WITH LOCAL REGULATIONS REGARDING FIRE PREVENTION WITH THIS CLASS OF PRODUCT.

LOAD& UNLOAD TEMEPRTATURE:

STORAGE TEMPERATURE:

FIRE&EXPLOSION PROTECTION: DANGER OF FLAMMABILITY WHEN WELDING AT THE EMPTY CONTAINER / DRUM ECT. LEAKAGE OR CONDITIONS RESULTING IN IMPREGNATION OF THIS OIL WITH SOME POROUS MATERIALS SUCH AS RAGS, PAPER, INSULATION OR CLAY MAY CAUSE SPONTANEOUS COMBUSTION.

SPECIAL PRECAUTIONS: KEEP CONTAINERS CLOSED WHEN NOT IN USE. PREVENT SMALL SPILLS AND LEAKAGES TO AVOID SLIP HAZARD. TAKE EXTREME CARE TO AVOID CONTAMINATION BY OTHER PRODUCTS AND MATERIALS.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMIT: 5 mg/m³ FOR OIL MISTS (TWA, 8H – WORKDAY) RECOMMENED BASED UPON THE ACGIH TLV (ANALYSIS ACCORDING TO US NIOSH METHOD 5026, NIOSH MANUAL OF ANALYTICAL METHODS, 3RD ED.)

PERSONAL PROTECTION: IN OPEN SYSTEMS WHERE CONTACT IS LIKELY, WEAR SAFETY GLASSES WITH SIDE SHIELDS. WHEN CONCENTRATIONS IN AIR MAY EXCEED THE OCCUPATIONAL EXPOSURE LIMIT, AND WHERE ENGINEERING, WORK



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PRACTICES, OR OTHER MEANS OF EXPOSURE REDUCTION ARE NOT ADEQUATE,
APPROVED RESPIRATORS MAY BE REQUIRED.

SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: CLEAR, LIGHT YELLOW LIQUID
ODOR: CHARACTERISTIC
DENSITY (g/ml): 0.91-0.93 at 20 °C
BOILING RANGE: > 350°C
VISCOSITY: ABT. 60-70 CP AT 20°C
VAPOR DENSITY AT
1BAR (AIR=1): <1 mPa at 20 °C, <1 mPa at 100°C
EVAPORATION RATE: NON-VOLATILE
SOLUBILITY IN WATER: NEGLIGIBLE
Ph: NOT APPLICABLE
FLASH POINT: >326 °C
FLAMMABILITY LIMITS
IN AIR, % BY VOL: NOT AVAILABLE
AUTO IGNITION TEMP: DATA NOT AVAILABLE
PARTITION COEFFICIENT
N-OCTANO/WATER: DATA NOT AVAILABLE

SECTION 10 – STABILITY AND REACTIVITY

STABILITY (THERMAL, LIGHT, ECT.): STABLE
CONDITIONS TO AVOID: KEEP AWAY FROM HEAT SOURCES, OPEN FLAMES AND OTHER SOURCES OF
IGNITIONS.
INCOMPATIBLE MATERIALS: AVOID CONTACT WITH STRONG OXIDANTS SUCH AS LIQUID CHLORINE AND
CONCENTRATED OXYGEN.
HAZARDOUS DECOMPOSITION
PRODUCTS: SMOKE AND CARBON MONOXIDE MAY BE FORMED IN THE EVENT OF
INCOMPLETE COMBUSTION. PRODUCT DOES NOT DECOMPOSE AT AMBIENT
TEMPERATURE.

SECTION 11 – TOXICOLOGICAL INFORMATION

EFFECTS OF OVER EXPOSURE

INHALATION: NO HAZARD IN NORMAL INDUSTRIAL USE
SKIN CONTACT: NOT CONSIDERED TO BE A HAZARD. CLEAN WITH WATER AND SOAP.
EYE CONTACT: NOT CONSIDERED TO BE A HAZARD
INGESTION: NO HAZARD IN NORMAL INDUSTRIAL USE.

TOXICITY DATA:

ACUTE: NO TEST DATA ARE AVAILABLE FOR THIS PRODUCT. THE POTENTIAL HEALTH HAZARDS WERE
THEREFORE DERIVED FROM WHAT IS KNOWN OF THE TOXICITY OF VEGETABLE OILS IN GENERAL.

CHRONIC: ALTHOUGH THERE IS NO SPECIFIC TEST DATA ON THIS PRODUCT, THE OIL WOULD NOT BE EXPECTED
TO EXHIBIT CARCINOGENIC POTENTIAL.



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SECTION 12 – ECOLOGICAL INFORMATION

IN THE ABSENCE OF SPECIFIC ENVIRONMENTAL DATA FOR THIS PRODUCT, THIS ASSESSMENT IS BASED ON GENERAL INFORMATION FOR VEGETABLE OILS. THE OIL WILL REMAIN LARGELY ON THE SOIL SURFACE, AND IN WATER, WILL REMAIN LARGELY ON THE WATER SURFACE. NO HARMFUL EFFECTS TO TERRESTRIAL OR AQUATIC HABITATS WOULD BE EXPECTED. THIS PRODUCT IS EXPECTED TO BE BIODEGRADABLE.

SECTION 13 – DISPOSAL CONSIDERATIONS

COLLECT AND DISPOSE OF WASTE PRODUCT AT AN AUTHORIZED DISPOSAL FACILITY, IN CONFORMANCE WITH NATIONAL AND LOCAL REGULATIONS, AND IN ACCORDANCE WITH EEC DIRECTIVES ON THE DISPOSAL OF WASTE OIL.

SECTION 14 – TRANSPORT INFORMATION

USUAL SHIPPING CONTAINERS: ROAD TANKERS LIQUID CONTAINERS, DRUMS.

TRANSPORT TEMPERATURE:

TRANSPORT SEA/AIR: NOT REGULATED

TRANSPORT LAND: NOT REGULATED

SECTION 15 – REGULATORY INFORMATION

NOT CLASSIFIED ACCORDING TO EEC DIRECTIVES 67/548/EEC AND 88/379/EEC
REFER TO YOUR NATIONAL LEGISLATION IMPLEMENTING THE EEC DIRECTIVE 91/155/EEC
WATER RISK CLASS (GERMANY): "NWG" – (VwVwS)

SECTION 16 - OTHER INFORMATION

SOURCE OF KEY DATA: THE RECOMMENDATIONS PRESENTED IN THIS MATERIAL SAFETY DATA SHEET WERE COMPILED FROM ACTUAL TEST DATA (WHEN AVAILABLE), COMPARISON WITH SIMILAR PRODUCTS, COMPONENT INFORMATION FROM SUPPLIERS AND FROM RECOGNIZED CODES OF GOOD PRACTICE.

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