

MATERIAL SAFETY DATA SHEET

(Effective date: January 1, 1997)

SECTION I.

MANUFACTURER AND PRODUCT

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Manufactured for Conception Technologies by:

Advanced Reproductive Technologies, Inc.
San Clemente, CA 92673

Product:

Name: Oil for Tissue Culture
Cat. No: OTC-100, OTC-500

Description: Liquid petrolatum; paraffin oil, light; mineral oil.

SECTION II.

PHYSICAL AND CHEMICAL DATA

Boiling Point: 360 °C(680°F)	Specific Gravity: 0.85 (Water = 1)
Melting Point: n/av	Vapor Density: n/av
Vapor Pressure: n/av	Molecular Weight: n/av
Appearance: Clear liquid	Evaporation Rate: n/av
CAS number: 8012-95-1	Solubility: Insoluble in cold water

SECTION III.

HAZARDOUS INGREDIENTS

Potential Acute Health Effects: Very slightly to slightly dangerous in case of skin contact (irritant, permeator), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Not available.

MUTAGENIC EFFECTS: Not available.

Toxicity of the product to the reproductive system: Not available.

There is no known effect from chronic exposure to this product. Repeated or prolonged exposure is not known to aggravate medical condition.

SECTION IV.

FIRE AND EXPLOSION HAZARD DATA

Fire Hazard: Combustible

Flash Points: Closed Cup; 229 °C (444.2 °F) Open Cup; 193 °C (379.4 °F)

Extinguishing Media: Small Fire; Use Dry chemicals, water spray, CO₂ or foam
Large Fire; Use water spray, fog or foam. DO NOT use water jet

Special Fire Fighting Procedures: No additional remark

Unusual fire and Explosion Hazards: No additional remark

SECTION V.

HEALTH HAZARD DATA

Toxicity data: Route of entry; Ingestion

Orl-Mus LD50: 22000 mg/Kg

Chronic effects on humans; Toxicity of the product to the reproductive system – not available.

Other Toxic Effects: Very slightly to slightly dangerous in case of skin contact, eye contact, ingestion or inhalation.

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SECTION VI.**FIRST AID MEASURES**

Eye Contact: No known effect on eye contact; rinse with water for a few minutes.

Skin Contact: Remove the contaminated clothing as quickly as possible, protecting your own hands and body. Place victim under a deluge shower. Gently and thoroughly wash contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emolient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Ingestion: Remove dentures. Have conscious person drink several glasses of water or milk. INDUCE VOMITING by sticking finger in throat. Lower the head so that the vomit will not reenter the mouth and throat. NEVER give an unconscious person anything to ingest. Seek medical attention.

SECTION VII.**REACTIVITY DATA**

Stability: Stable

Storage: Store at room temperature (15 to 25 °C recommended). Keep well closed and protected from direct sunlight and moisture. Keep container dry. Ground all equipment containing material. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

SECTION VIII.**SPILL OR LEAK PROCEDURES**

Small Spill: Absorb with an inert material and place spent absorbant material in an appropriate waste disposal container.

Large Spill: Combustible material. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Finish cleaning by spreading water on the contaminated surface and washing down drain.

Waste Disposal: Dispose of in an approved land fill providing local environmental regulations permit.

SECTION IX.**SPECIAL PROTECTION INFORMATION**

Engineering Controls: provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash station and safety shower is proximal to the work-station location.

Respiratory Protection: Not applicable.

Protective Gloves: Rubber gloves

Eye Protection: Chemical safety goggles

Other Protective Equipment: Lab coat, overalls, etc.

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SECTION X.

DISPOSAL CONSIDERATIONS

Disposal should be in accordance with existing disposal practices employed at your institution. Observe all federal, state and local environmental regulations. Contact your local waste disposal authority for advice, or pass to a chemical disposal company.

SECTION XI.

REGULATORY INFORMATION

Federal and state regulations:

The following product(s) is (are) listed by the State of Massachusetts: Mineral Oil

The following product(s) is (are) listed by the State of Pennsylvania: Mineral Oil

The following product(s) is (are) listed on TSCA: Mineral Oil

Not controlled under WHMIS (Canada)

Not controlled under DSCL (Europe)

SECTION XII.

DISCLAIMER

The above information is believed to be correct and reported in good faith. The information shall not be taken as being all inclusive and is to be used only as a guide with caution. Advanced Reproductive Technologies, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.



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