



# Material Safety Data Sheet

## VIROTAR

**Manufacturer:**

TARSIS LTD P.O. BOX 2630 PETHACH TIKVA 4912502  
TEL: 972-3-9223785  
FAX: 972-3-9243618

Updated:05/2020

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: VIROTAR OIL  
Product Type: Agricultural Summer Oil  
Supplier: TARSIS LTD P.O. BOX 10156 PETHACH TIKVA  
Tel 972-3-9223785  
Emergency Telephone Number: Mr. Shevach Tenzer , tel. 972-52-3893739

### 2. HAZARD IDENTIFICATION

**Hazard Statements**

H302 - Harmful if swallowed  
H304 - May be fatal if swallowed and enters airways  
H317 – Prolonged skin contact may cause dermatitis

**Precautionary Statements**

P261 – Avoid breathing mists, vapours or spray  
P280 – Wear protective gloves, clothing eye and face protection  
P301+P330 – If swallowed immediately call a physician or a poison information center  
P331 – If swallowed : do not induce vomiting  
P501- Dispose of container or waste as hazardous material  
P270 – Do not eat , drink or smoke when using this product.  
P271 – Use only outdoor or in a well-ventilated area  
P363 – Wash contaminated clothing before reuse  
P304+P340 – If vapors inhaled : take victim to fresh air and keep him at rest in a comfortable breathing position.

### 3. COMPOSITION and INFORMATION on INGREDIENTS

Ingredient Name	CAS reg. no.	(Range) % w/w
Solvent refined light paraffinic base oil	64741-89-5	78 – 82%



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Other ingredients		18 – 22%
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### 4. FIRST AID MEASURES

Never give fluids or induce vomiting if patient is unconscious or is having convulsions.

#### INGESTION:

Keep patient at rest. Do not induce vomiting . Call for medical attention urgently

#### EYE CONTACT:

Hold eyelids open and wash eyes with plenty of water for at least 15 minutes. Seek medical advice immediately and show product label to the physician.

#### SKIN CONTACT:

Remove contaminated clothing and wash skin with soap and plenty of water. If irritation persists obtain medical advice

#### INHALATION:

Inhalation of vapors is normally not a problem. If over exposed to oil mist remove the victim immediately to fresh air. Obtain medical advice

### 5. FIRE FIGHTING MEASURES

#### FIRE EXTINGUISHING MEDIA:

Carbon dioxide. Dry chemical powder or foam.

#### EXTINGUISHING MEDIA HAZARDS:

If involved in a fire , carbon monoxide , smoke and irritating vapors may be formed in the event of incomplete combustion

#### PROTECTION OF FIRE FIGHTING:

Wear protective clothing and eye protection, and use self contained breathing apparatus.

### 6. ACCIDENTAL RELEASE MEASURES

#### PERSONAL PRECAUTIONS:

Avoid contact with skin and eyes. Avoid breathing vapors or mist.

Ensure adequate ventilation.

Wear protective clothing and eye protection. Remove contaminated clothing , wash skin area with soap and water and launder clothing before reuse or dispose of properly.

Material can create slippery conditions.

#### PRECAUTIONS FOR THE ENVIRONMENT:

Do not wash into sewers or into any body of water. Discharge into the environment must be avoided.

#### CLEANUP METHODS:



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**Small spillage:** absorb on inert absorbing material such as sand or clay. Shovel up into covered containers for disposal. **Large spillage:** Should be dammed-off and pumped into containers: soak up remainder with absorbent material and dispose of in accordance with local regulations.

### 7. HANDLING AND STORAGE

#### HANDLING:

Good personal hygiene procedures must be practiced. Do not consume or store food in the work area.

Before eating, drinking or smoking and after work, wash hands and exposed skin using liquid detergent

#### STORAGE:

Store in original container.

Place in a locked cool, dry and ventilated areas, store only in closed, properly-labeled containers, in area designed specifically for pesticides. Keep out of the reach of children and unauthorized persons. Properly keep away from food, drink and animal feeding stuffs.

Do not store with seeds, fertilizers or foodstuffs.

Protect from direct sunlight and refrain from temperatures above 40°C.

Containers which are opened or damaged must be carefully resealed and kept upright to prevent leakage

### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

#### PERSONAL PROTECTIVE EQUIPMENT:

##### RESPIRATORY PROTECTION:

Use a full-face respirator with ABEK (EN-14387) respirator cartridges

##### HAND & SKIN PROTECTION:

Wear protective clothing: long sleeved shirts and pants, hat, rubber boots with socks, protective goggles and chemical resistant impermeable gloves should be needed like neoprene.

##### EYE/FACE PROTECTION:

Wear protective goggles

##### GENERAL PRECAUTIONS:

Avoid prolonged and repeated contact with eyes and the skin

Clothing must be laundered after each day's use.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Viscous clear bright Liquid.

Odor :

Mild petroleum oil like

Ph

No data available



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Density : 0.834 (15° C)  
Kinematic Viscosity: 9.46 cSt (40°C)  
Flash point 175°  
Water Solubility (at 25°C): Insoluble  
Flammability: Low fire hazard. Must be heated before ignition occurs.

### 10. STABILITY AND REACTIVITY

REACTIVITY: No data available

STABILITY: Stable at conventional temperatures for storage, handling & use

INCOMPATIBLE MATERIALS: oxidising compounds .

HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion produces gases such as CO & CO<sub>2</sub>. Various forms of hydrocarbons, aldehydes etc. Product does not decompose at normal handling temperatures.

### 11. TOXICOLOGICAL INFORMATION

#### ACUTE TOXICITY

ACUTE ORAL: LD<sub>50</sub> for rats >5000 mg/kg body weight

EYE IRRITATION: Slightly irritant

INHALATION: negligible at ambient temperatures. Elevated temperatures may form vapors, mists or fumes which may be irritating to the eyes, nose, throat & lungs.

ACUTE DERMAL: LD<sub>50</sub> for rabbit > 2000 mg/kg

SKIN IRRITATION: Low irritant. Prolonged or repeated contact may cause mild skin irritation.

SKIN SENSITIZATION: for guinea pig – not a sensitizer

Specific effects – No carcinogenic effects in laboratory animals

### 12. ECOLOGICAL INFORMATION

ECOTOXICITY – when spilled to water bodies it forms a film on water surface, thus can be toxic to fish, daphnia & algae.

When released to soil will remain on the soil surface. Not harmful to terrestrial animals

Not inhibitory to sewage bacteria

Bioaccumulation: Bioaccumulative based on logP values of constituents.

### 13. DISPOSAL CONSIDERATION



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Do not contaminate ponds, waterways or ditches with chemical or used container.

The preferred option is to send to local licensed disposals.

Any disposal practice must be in compliance with all local and national laws and regulations.

### 14. TRANSPORT INFORMATION

Usual shipping containers: rail cars, tank trucks, drums.

TRANSPORT HAZARD CLASS - 3

UN NUMBER – None

Transport. temperatures – ambient to 60°

IATA-DGR – Not regulated as dangerous goods

IMDG-Code - Not regulated as dangerous goods

### 15. REGULATORY INFORMATION

This product is registered under the PPIS registration:

Registration No. 1139/ppis/1991

Approved users of this product are people who have been instructed with the product properties and risks, are familiar with the product label and behave accordingly.

Israeli regulations – Hazardous Substances Law, 1993; Hazardous Substances Regulations (Import & Export of Hazardous Wastes), 1994; Licensing of Business Regulations (Oil Storage), 1976; Licensing of Businesses Regulations (Disposal of Hazardous Wastes) 1990; Plant Protection Act 1994

### 16. OTHER INFORMATION

The information provided in this safety data sheet is correct to the best knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification.

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