

002 09/05/06 INSECTICIDE BASE

PRODUCT NAME: INSECTICIDE BASE  
MSDS NUMBER: US000150  
EFFECTIVE DATE: 9/5/2006  
SUPERSEDES: 1/20/2003  
ISSUED BY: 000099

## .. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Id: US000150  
Product Name: Insecticide Base  
Synonyms: None  
Chemical Family: Isoparaffinic hydrocarbon  
Application: Not Available.

Distributed by:  
Univar USA Inc.  
7425 NE Union Hill Road  
Redmond, WA 98052  
425-889-3400

24-Hour Emergency Telephone Number (CHEMTREC): (800) 424-9300

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

## Hazardous Components:

Ingredients	Percent	LD50s and LC50s Route & Species:
Naphtha (petroleum), hydrotreated Heavy 54742-48-9	95	Not available.
Distillates (petroleum), hydrotreated Middle 54742-46-7	5	Not available.

Notes:  
No additional remark.

## 3. HAZARDS IDENTIFICATION

## Potential Acute Health Effects:

Eye Contact:  
Slightly irritating, but will not injure eye tissue.

Skin Contact:  
Low toxicity. Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis). Skin contact may aggravate an existing dermatitis condition.

Inhalation:  
High vapor/aerosol concentrations (greater than approximately 1000 ppm) are irritating to the eyes and the respiratory tract, and may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects.

Ingestion:

low toxicity. Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause mild to severe pulmonary injury and possibly death.

#### 4. FIRST AID MEASURES

##### Eye Contact:

Flush eyes with large amounts of water until irritation subsides. If irritation persists or signs of toxicity occur, seek medical attention.

##### Skin Contact:

In case of contact, immediately flush skin with plenty of water for at least 15 minutes. Get medical attention. Remove contaminated clothing and laundry before reuse.

##### Inhalation:

Move person to fresh air. Administer artificial respiration if breathing has stopped. Allow victim to rest in a well-ventilated area. Seek immediate medical attention

##### Ingestion:

Do not induce vomiting. Seek immediate medical attention.

##### Notes To Physician:

Treatment based on sound judgment of physician and individual reactions of patient.

#### 5. FIRE FIGHTING MEASURES

Flash Point (C): 54 (F): 129

Flash Point Method: Tag Closed Cup

Autoignition Temperature (C): 349 (F): 660

Flammable Limits in Air - Lower (%): 1.2

Flammable Limits in Air - Upper (%): 9.3

##### Extinguishing Media:

Use DRY chemicals, CO<sub>2</sub>, alcohol foam or water spray.

##### Special Exposure Hazards:

Combustible. May release vapors that form flammable mixtures at or above the flash point. Use water spray to cool fire-exposed containers and structures. Shut off fuel to fire. Avoid spraying water directly into storage containers due to danger of boilover. This liquid is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.

##### Special Protective Equipment:

Fire fighters should wear full protective clothing, including self-contained breathing equipment.

##### IFPA RATINGS FOR THIS PRODUCT ARE:

HEALTH 1, FLAMMABILITY 2, REACTIVITY 0

##### HMIS RATINGS FOR THIS PRODUCT ARE:

HEALTH 1, FLAMMABILITY 2, REACTIVITY 0

#### 6. ACCIDENTAL RELEASE MEASURES

##### Procedure for Clean Up:

LAND SPILL: Eliminate source of ignition. Keep public away. Prevent

Additional discharge of material, if possible to do so without hazard. Prevent spills from entering sewers, watercourses or low areas. Contain spilled liquid with sand or earth. Do not use combustible materials such as sawdust. Recover by pumping (use an explosion proof motor or hand pump), or by using a suitable absorbent.

**WATER SPILL:** Eliminate sources of ignition. Warn occupants and shipping in surrounding and downwind areas of fire and explosion hazard and request all to stay clear.

**Personal Precautionary Measures:**  
Wear appropriate protective equipment.

**Environmental Precautionary Measures:**  
Prevent entry into sewers or streams, dike if needed. Consult local authorities.

## 2. HANDLING AND STORAGE

### Handling:

Ensure proper electrical grounding procedures are in place. Keep the containers closed when not in use. Handle and open containers with care. DO NOT handle or store near an open flame, heat, or other sources of ignition. Protect material from direct sunlight. Material will accumulate static charges which may cause an electrical spark (ignition source). DO NOT pressurize, cut, heat, or weld containers. Empty product containers may contain product residue. DO NOT reuse empty containers without commercial cleaning or reconditioning.

### Storage:

Store in a cool, dry, well ventilated area, away from heat and ignition sources. Store in accordance with good industrial practices. Place away from incompatible materials.

## 3. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Engineering Controls:

Local exhaust ventilation as necessary to maintain exposures to within applicable limits. In the laboratory environment, this product should be handled in a hood. Provide mechanical ventilation in confined spaces.

### Respiratory Protection:

If exposure exceeds occupational exposure limits, use an appropriate NIOSH approved respirator. In case of spill or leak resulting in unknown concentration, use NIOSH approved supplied air respirator.

### Gloves:

Appropriate chemical resistant gloves should be worn.

### Skin Protection:

The selection of personal protective equipment varies depending upon conditions of use.

### Eyes:

Safety glasses with side shields.

### Other Personal Protection Data:

Ensure that eyewash stations and safety showers are proximal to the work-station location.

### Hazardous Components:

Ingredients	Percent	ACGIH 2000 - Time Weighted Averages	OSHA - Vacated PELs - Time Weighted Averages
naphtha (petroleum), hydrotreated Heavy 4742-48-9	95	Manufacturer Recommends: a TWA of 1200 mg/m3 (175 ppm) based on total hydrocarbon. Local regulated limits may vary.	Not available.
Distillates (petroleum), 5 hydrotreated Middle 4742-46-7	5	Not available.	Not available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid  
 Color: Clear Colorless  
 Odor: Faint Petroleum.  
 pH: Not Available.  
 Specific Gravity: 0.76  
 Boiling Point (C): 177 - 197 (F): 350 - 386  
 Freezing Point (C): <-60 (F): <-76  
 Vapor Pressure: 0.1 kPa @ 20 C  
 Vapor Density: 5.4  
 Volatile by Volume: Not Available.  
 Evaporation Rate: 0.1  
 Solubility: <0.01%  
 VOCs (lbs/gallon): Not Available.  
 Viscosity: 1.84 cST @ 25 C  
 Molecular Weight: 154

## 10. STABILITY AND REACTIVITY

Chemical Stability:  
 Stable

Hazardous Polymerization:  
 Will not occur.

Conditions to Avoid:  
 None known.

Materials to Avoid:  
 Strong oxidizing agents.

Hazardous Decomposition Products:  
 None known

Additional Information:  
 No additional remark.

## 11. TOXICOLOGICAL INFORMATION

Principle Routes of Exposure  
 Ingestion:

Low toxicity. Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause mild to severe pulmonary injury and possibly death.

Skin Contact:

Low toxicity. Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis). Skin contact may aggravate an existing dermatitis condition.

## Inhalation:

High aerosol/aerosol concentrations (greater than approximately 1000 ppm) are irritating to the eyes and the respiratory tract, and may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects.

## Eye Contact:

Slightly irritating, but will not injure eye tissue.

## Other:

Health studies have shown that many petroleum hydrocarbons pose potential human health risks which may vary from person to person. As a precautions, exposure to liquids, vapors, mists or fumes should be minimized.

## Acute Test of Product:

Acute Oral LD50:

Not Available.

Acute Dermal LD50:

Not Available.

Acute Inhalation LC50:

Not Available.

## Carcinogenicity:

## Hazardous Components:

Ingredients	Percent	ACGIH 2000 - Carcinogens
Naphtha (petroleum), hydrotreated Heavy #4742-48-9	95	Not listed.
Distillates (petroleum), hydrotreated Middle #4742-46-7	5	Not listed.

## Carcinogenicity Comment:

No additional information available.

## Genotoxicity:

Not Available.

## Reproductive/Developmental Toxicity:

Not Available.

## Mutagenicity:

Not Available.

## Embryotoxicity:

Not Available.

## Irritancy:

Not Available.

## 2. ECOLOGICAL INFORMATION

## Ecotoxicological Information:

Not Available.

Other Information:  
No additional remark.

### 3. DISPOSAL CONSIDERATIONS

Disposal of Waste Method:  
Disposal of all wastes must be done in accordance with municipal, provincial and federal regulations.

Contaminated Packaging:  
Empty containers should be recycled or disposed of through an approved waste management facility.

### 4. TRANSPORT INFORMATION

#### DOT (U.S.):

DOT Shipping Name: Petroleum Distillates, n.o.s. (Heavy Naphtha - Hydrotreated)  
Hazard Class: 3  
UN/NA Number: UN1268  
DOT Packing Group: III  
DOT Reportable Quantity (lbs): Not applicable.  
Marine Pollutant: No.

#### ICAO/IATA:

IATA Proper Shipping Name: Petroleum Distillates, n.o.s. (Heavy Naphtha - Hydrotreated)  
IATA Hazard Class: 3  
UN/NA Number: UN1268  
Packing Group: III  
IATA Label: Flammable liquid.  
Remarks: No additional remark.

#### IMDG:

IMDG Proper Shipping Name: Petroleum Distillates, n.o.s. (Heavy Naphtha - Hydrotreated)  
Hazard Class: 3  
Packing Group: III  
EMS No.: 3-07  
MFAG Table No.: Not applicable.  
Marine Pollutant: No.  
IMDG Flash Point (C): Not available.  
IMDG Label: Flammable liquid.  
Remarks: Not regulated under the Transportation of Dangerous Goods Act when transported by road, rail or a ship on a domestic voyage, in packagings or containers of 450 L or less (waste excluded).

#### TDG (Canada):

TDG Proper Shipping Name: Petroleum Distillates, n.o.s. (Heavy Naphtha - Hydrotreated)  
Hazard Class: 3  
UN Number: UN1268  
Packing Group: III  
Note: Not regulated under the Transportation of Dangerous Goods Act when transported by road or rail in packagings or containers of 450 L or less (waste excluded).  
Marine Pollutant: No.

### 5. REGULATORY INFORMATION

U.S. TSCA Inventory Status:  
Listed.

Canadian DSL Inventory Status:

isted.

Canadian NDSL Inventory Status:  
ot Listed.

J.S. Regulatory Rules

naphtha (petroleum), Hydrotreated Heavy 95 64742-48-9  
ERCLA/SARA - Section 302: Not Listed.  
SARA (311, 312) Hazard Class: Listed.  
ERCLA/SARA - Section 313: Not Listed.

Distillates (petroleum), Hydrotreated Middle 5 64742-46-7  
ERCLA/SARA - Section 302: Not Listed.  
SARA (311, 312) Hazard Class: Listed.  
ERCLA/SARA - Section 313: Not Listed.

California Proposition 65:  
isted.

IA Right to Know List:  
ot Listed.

New Jersey Right-to-Know List:  
ot Listed.

Pennsylvania Right to Know List:  
ot Listed.

Canada - WHMIS Classification:  
33 COMBUSTIBLE LIQUIDS

.6. OTHER INFORMATION

Additional Information:

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

----- FOR ADDITIONAL INFORMATION -----  
CONTACT: MSDS COORDINATOR UNIVAR USA INC.  
DURING BUSINESS HOURS, PACIFIC TIME (425)889-3400  
----- NOTICE -----

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