

# MSDS

# Material Safety Data Sheet

Date prepared: Oct 25, 2015

Date revised: N/A (first edition)

## Section 1 - General Information

**Chemical Name:** Acrinathrin  
**CAS Reg. Number:** 101007-06-1  
**Catalog Number:** 1ST20224  
**Manufacturer's Name:** A Chemtek, Inc.  
100 Barber Avenue  
Worcester, MA 01606, USA

**Telephone Number:** 508-471-4121

**Fax Number:** 508-845-9201

*For R & D use only*

## Section 2 - Hazardous Ingredients/Identity Information

### Classification of the substance or mixture

Acute toxicity, Inhalation (Category 4), H332  
Acute aquatic toxicity (Category 1), H400  
Chronic aquatic toxicity (Category 1), H410

### Label elements



Pictogram

Signal word

Warning

Hazard statement(s)

H332 Harmful if inhaled.

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P312 Call a POISON CENTER or doctor/ physician if you feel unwell.

P391 Collect spillage.

P501 Dispose of contents/ container to an approved waste disposal plant.

## Section 3 - Composition/Information on Ingredients

Formula: C<sub>26</sub>H<sub>21</sub>F<sub>6</sub>NO<sub>5</sub>

Molecular Weight: 541.44 g/mol

CAS-No. 101007-06-1

## Section 4 - First Aid Measures

### If inhaled

If breathed in, move person into fresh air. If not breathing give artificial respiration.

### In case of skin contact

Wash off with soap and plenty of water.

### In case of eye contact

Flush eyes with water as a precaution.

### If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

## Section 5 - Fire-Fighting Measures

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## Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

## Special protective equipment for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

## Section 6 - Accidental Release Measures

### Personal precautions

Avoid dust formation. Avoid breathing vapours, mist or gas.

### Environmental precautions

Do not let product enter drains.

### Methods for cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

## Section 7 - Handling and Storage

### Handling

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

### Storage

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

## Section 8 - Exposure Controls/Personal Protection

Contains no substances with occupational exposure limit values

### Personal protective equipment

#### Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

#### Hand protection

For prolonged or repeated contact use protective gloves

#### Eye protection

Safety glasses

#### Hygiene measures

General industrial hygiene practice

## Section 9 - Physical and Chemical Properties

### Appearance:

Form Solid  
Color not available

### Safety data

pH: not available  
Melting point: not available  
Boiling point: not available  
Flash point: not available  
Lower explosion limit: not available  
Upper explosion limit: not available  
Water solubility: not available

## Section 10 - Stability and Reactivity

### Storage stability

Stable under recommended storage conditions

### Materials to avoid

Strong oxidizing agents

### Hazardous decomposition products

Hazardous decomposition products formed under fire conditions.

- Carbon oxides, nitrogen oxides (NO<sub>x</sub>), Hydrogen fluoride gas.

## Section 11 - Toxicological Information

### Acute toxicity:

not available

### Irritation and corrosion:

not available

### Sensitization:

not available

### Respiratory or skin sensitization:

not available

### Chronic exposure

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IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.  
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.  
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.  
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

## Potential health effects

Inhalation	May be harmful if inhaled. Causes respiratory tract irritation.
Ingestion	May be harmful if swallowed.
Skin	May be harmful if absorbed through skin. Causes skin irritation.
Eyes	Causes eye irritation.

## Section 12 - Ecological Information

**Elimination information (persistence and degradability)** not available

**Ecotoxicity effects:** not available

**Further information on ecology:** not available

## Section 13 - Disposal Considerations

**Product** Offer surplus and non-recyclable solutions to a licensed disposal company.

**Contaminated packaging** Dispose of as unused product.

## Section 14- Transport Information

### DOT (US):

Not dangerous goods

### IMDG:

UN number: 3077 Class: 9 Packing group: III EMS-No: F-A, S-F

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. ((S)-Cyano(3-phenoxyphenyl)methyl (Z)-(1R,3S)-2,2-dimethyl[2-(2,2,2-trifluoro-1-trifluoromethylethoxycarbonyl)vinyl]-cyclopropanecarb)

Marine pollutant: Marine pollutant

### IATA:

UN number: 3077 Class: 9 Packing group: III

Proper shipping name: Environmentally hazardous substance, solid, n.o.s. ((S)-Cyano(3-phenoxyphenyl)methyl (Z)-(1R,3S)-2,2-dimethyl[2-(2,2,2-trifluoro-1-trifluoromethylethoxycarbonyl)vinyl]-cyclopropanecarb)

## Section 15 - Regulatory Information

### SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

### SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

### SARA 311/312 Hazards

Acute Health Hazard

### Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act

### Pennsylvania Right To Know Components

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### New Jersey Right To Know Components

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## California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

## Section 16 - Other Information

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. A Chemtek shall not be held liable for any damage resulting from handling or from contact with the above product.

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