



# MATERIAL SAFETY DATA SHEET

## *RIMON 10 EC*

Version: 1.3  
Date of Issue: 10/09/2009  
Date printed: 10/09/2009

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### 1. PRODUCT AND COMPANY IDENTIFICATION

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**Product name :** RIMON 10 EC

**Chemical name:** 1-[3-chloro-4-(1,1,2-trifluoro-2-trifluoromethoxyethoxy)phenyl] -3-(2,6-difluorobenzoyl)urea

**Use of substance/preparation:** Insecticide

**Supplier:** Chemtura Canada Co./Cie  
25 ERB STREET  
Elmira, Ontario N3B 3A3 Canada

**Manufacturer:** Chemtura Corporation  
199 Benson Road  
Middlebury, CT 06749 USA

**Emergency telephone number:** 866-744-3060 (Canada 24 hours)  
CANUTEC (24 hours) 613-996-6666 (call collect)

**Environmental, Health and Safety Department:** 866-430-2775

**Customer Care:** +44 161 875 3800

**Prepared by** Product Safety Department      Date of Issue: 10/09/2009  
(US) +1 866-430-2775  
(EU) +44 (0) 1753.603.000  
Email: MSDSRequest@chemtura.com

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### 2. HAZARDS IDENTIFICATION

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**EMERGENCY OVERVIEW**  
**WARNING!**  
MAY CAUSE MODERATE IRRITATION TO EYES.

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### 3. COMPOSITION / INFORMATION ON INGREDIENTS

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INGREDIENT	% BY WEIGHT
1-[3-chloro-4-(1,1,2-trifluoro-2-trifluoromethoxyethoxy)phenyl] -3-(2,6-difluorobenzoyl)urea CAS# 116714-46-6	9.3
N-Methyl-2-pyrrolidone CAS# 872-50-4	40 - 50

**(M)SDS# 000000027128**



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Ingredients not precisely identified are non-hazardous and/or proprietary.

### WHMIS CLASSIFICATION

This product is registered under the Pest Control Products Act and is therefore exempt from WHMIS supplier labeling and MSDS requirements. Please read entire MSDS and product label for safety precautions.

### CPR Compliance

This product has been classified with the hazard criteria of the CPR, and the MSDS contains all the information required by CPR.

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## 4. FIRST AID MEASURES

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### Swallowing

If patient is fully conscious, give two glasses of water. Do not induce vomiting unless told to do so by the poison control center or doctor. Obtain medical attention immediately. Do not give milk, oily products, fat or alcohol. Do not give anything by mouth to an unconscious person.

### Inhalation

Remove to fresh air. Give artificial respiration if not breathing. Obtain medical attention.

### Skin contact

Wash skin with soap and water. Remove contaminated clothing. Wash clothing before re-use. Obtain medical attention if irritation persists.

### Eye contact

Immediately flush eyes with water and continue washing for at least 15 minutes. Obtain medical attention.

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## 5. FIRE-FIGHTING MEASURES

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**Flash point:** 85 °C

### Hazardous combustion products

Oxides of nitrogen.  
Oxides of carbon.  
Toxic fumes.

### Special fire fighting procedures

Do not discharge extinguishing waters into streams, rivers and lakes.

### Special protective equipment for firefighters

Body covering protective clothing, full "turn-out" gear.  
Self-contained breathing apparatus.

### Extinguishing media

**Suitable:**           **Large fires:**  
                          - alcohol-type foam or universal-type foams  
**Small fires:**  
                          - CO2  
                          - dry chemical  
                          - water spray

**Unsuitable:**        - water jets

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## 6. ACCIDENTAL RELEASE MEASURES

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### Personal precautions

Wear suitable protective equipment.

### Environmental precautions

Prevent from entering sewer system, surface water or soil., May be harmful to aquatic life.



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### Methods for cleaning up

Observe government regulations.

**Small spills:** Absorb on inert material such as sand, earth, vermiculite.  
Collect for disposal.

**Large spills** Dike to contain spill.  
Pump excess material into suitable container (metal drums, metal tank, or such).

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## 7. HANDLING AND STORAGE

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### HANDLING

#### Handling precautions

Avoid contact with eyes, skin and clothing., Use with adequate ventilation.

#### Other precautions

NOTE TO END-USERS: The employee protection recommendations on this MSDS may differ from those on the product label. For normal use of this product, always refer to the personal protective equipment requirements on the product label.

### STORAGE

#### Storage requirements

Store in a cool, dry place.

#### Further information on storage

Store above 0 °C (32 °F).

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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### EXPOSURE LIMIT VALUES

Consult local authorities for acceptable provincial values.

<u>Component</u>	<u>Country</u>	<u>Type</u>	<u>Value</u>	<u>Remark</u>
N-Methyl-2-pyrrolidone	USA	TWA	10 ppm	

### PERSONAL PROTECTION

#### Respiratory protection

May be needed if product is used in a confined or poorly ventilated area., All respirators must be NIOSH approved. May be needed if product is used in a confined or poorly ventilated area., A respirator approved for dust/fume or mist protection is recommended for mists, sprays or aerosols.

#### Hand protection / protective gloves

Chemical resistant protective gloves

#### Eye protection

Safety glasses with side shields.

#### Skin protection

Wear protective clothing.

#### Other protective equipment

Eye bath, Safety shower

### ENGINEERING CONTROLS

#### Ventilation

General (mechanical) room ventilation is expected to be satisfactory., Local ventilation is needed in the presence of airborne mists, sprays or aerosols and/or high vapor concentrations.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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APPEARANCE

**Physical state** Liquid  
**Color** Yellow  
**Odor** Faint  
**Odor threshold** No data available.

OTHER PROPERTIES

**Boiling point** Not available  
**Melting point** 171 - 179 °C  
**Solidification** Not available  
**pH** Not available  
**Density** 1.07 g/cm3  
**Solubility in water** Dispersible  
**Partitioning coefficient** log POW: 5.27  
**Flash point** 85 °C  
**Autoignition temperature** Not available

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**10. STABILITY AND REACTIVITY**

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**Stability:** This product is stable under normal storage and handling conditions.

**Stability - Conditions to avoid:**

Protect from direct sunlight.  
Exposure to heat.  
Open flame.

**Incompatible materials:**

Strong acids.  
Strong bases.

**Hazardous combustion products:**

Oxides of nitrogen.  
Oxides of carbon.  
Toxic fumes.

**Hazardous polymerization:** No data available.

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**11. TOXICOLOGICAL INFORMATION**

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Component data 1-[3-chloro-4-(1,1,2-trifluoro-2-trifluoromethoxyethoxy)phenyl]-3-(2,6-difluorobenzoyl)urea Acute toxicity - Swallowing:	LD50 - Rat Result: > 5,000 mg/kg
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<b>Component data</b> N-Methyl-2-pyrrolidone Acute toxicity - Swallowing:	LD50 - Rats Result: 3,914 mg/kg
<b>Component data</b> 1-[3-chloro-4-(1,1,2-trifluoro-2-trifluoromethoxyethoxy)phenyl]-3-(2,6-difluorobenzoyl)urea Acute toxicity - Skin absorption:	LD50 - Rabbit Result: > 2,000 mg/kg
<b>Component data</b> N-Methyl-2-pyrrolidone Acute toxicity - Skin absorption:	LD50 - Rabbit Result: 8,000 mg/kg
<b>Component data</b> 1-[3-chloro-4-(1,1,2-trifluoro-2-trifluoromethoxyethoxy)phenyl]-3-(2,6-difluorobenzoyl)urea Acute toxicity - Inhalation:	LC50 - Rat Result: > 5.15 mg/l
<b>Component data</b> 1-[3-chloro-4-(1,1,2-trifluoro-2-trifluoromethoxyethoxy)phenyl]-3-(2,6-difluorobenzoyl)urea Skin irritation - Skin contact:	Species: Rabbit Result: Non irritating.
<b>Component data</b> N-Methyl-2-pyrrolidone Skin irritation - Skin contact:	Species: Rabbit Result: Minor irritation
<b>Component data</b> 1-[3-chloro-4-(1,1,2-trifluoro-2-trifluoromethoxyethoxy)phenyl]-3-(2,6-difluorobenzoyl)urea Eye irritation - Eye contact:	Species: Rabbit Result: Mild irritation
<b>Component data</b> N-Methyl-2-pyrrolidone Eye irritation - Eye contact:	Species: Rabbit Result: Moderate irritation
<b>Component data</b> 1-[3-chloro-4-(1,1,2-trifluoro-2-trifluoromethoxyethoxy)phenyl]-3-(2,6-difluorobenzoyl)urea Sensitization:	Result: Non sensitizing.

**12. ECOLOGICAL INFORMATION**

<b>Component ecotoxicology</b> 1-[3-chloro-4-(1,1,2-trifluoro-2-trifluoromethoxyethoxy)phenyl]-3-(2,6-difluorobenzoyl)urea Acute toxicity fish:	LC50 - Rainbow trout ( <i>Oncorhynchus mykiss</i> ) Result: > 1.0 mg/l Exposure time: 96 h
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**13. DISPOSAL CONSIDERATIONS**



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**General:** Dispose of waste material in compliance with all federal, provincial and local regulations., Do not discharge to sewers and natural waters.

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### 14. TRANSPORT INFORMATION

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#### TDG - Canada

This product is not regulated by TDG.

#### IMDG Classification

This product is not regulated by IMDG.

#### ICAO/IATA Classification

This product is not regulated by ICAO.

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### 15. REGULATORY INFORMATION

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#### WHMIS CLASSIFICATION

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#### CPR Compliance

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### 16. OTHER INFORMATION

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STP	Standard temperature and pressure
W/W	Weight/Weight

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