



MATERIAL SAFETY DATA SHEET

PEDESTAL

Version: 1.0
DATE OF ISSUE: 04/04/2006
Date printed: 04/04/2006

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : PEDESTAL

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

Use of substance/preparation: Insect Growth Regulator

Supplier: Chemtura USA Corporation
Chemtura Corporation (Worldwide HQ)
199 Benson Road
Middlebury, CT 06749 USA

Emergency telephone number CHEMTREC (24 hours) 800-424-9300
Chemtura Corporation Emergency Response
(24 hours) 800-292-5898
**For additional emergency telephone numbers
see section 16 of the Safety Data Sheet.**

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

2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	% BY WEIGHT
1-[3-chloro-4-(1,1,2-trifluoro-2-trifluoro-methoxyethoxy)phenyl] -3-(2,6-difluorobenzoyl)urea CAS# 116714-46-6	10

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION!

MAY CAUSE EYE IRRITATION.
MAY CAUSE SKIN IRRITATION.



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4. FIRST AID MEASURES

Swallowing

Call a poison control center or doctor immediately for treatment advice.
Have person sip a glass of water if able to swallow.
Do not induce vomiting unless told to do so by the poison control center or doctor.
Do not give anything by mouth to an unconscious person.

Skin contact

Take off contaminated clothing.
Rinse skin immediately with plenty of water for 15 to 20 minutes.
Call a poison control center or doctor for treatment advice.

Inhalation

Move person to fresh air.
If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
Call a poison control center or doctor for further treatment advice.

Eye contact

Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.
Remove contact lens, if present, after the first 5 minutes, then continue rinsing eye.
Call a poison control center or doctor for further treatment advice.

5. FIRE-FIGHTING MEASURES

Autoignition

temperature: Not available

NFPA CLASSIFICATION

Health: 1	Flammability: 1	Reactivity: 0	Special provisions:
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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



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- dry chemical
- water spray

Unsuitable: - water jets

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Wear suitable protective equipment.

Environmental precautions

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

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).

7. HANDLING AND STORAGE

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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMIT VALUES

No other exposure limits have been established

PERSONAL PROTECTION

Respiratory protection

(M)SDS# 000000034829



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May be needed if product is used in a confined or poorly ventilated area., All respirators must be NIOSH approved.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Physical state	Liquid
Color	White
Odor	Faint
Odor threshold	No data available.

OTHER PROPERTIES

Boiling point	Not available
Melting point	Not available
Solidification	Not available
pH	6.0 Concentration: (25 °C)
Specific gravity (H2O=1)	0.980 - 0.995
Solubility in water	Dispersible
Partitioning coefficient	log POW: 5.27
Flash point	Not available
Autoignition temperature	Not available



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10. STABILITY AND REACTIVITY

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 bases.

Hazardous combustion products

Oxides of nitrogen.
Oxides of carbon.
Toxic fumes.

Hazardous polymerization: No data available.

11. TOXICOLOGICAL INFORMATION

<u>Component data</u> 1-[3-chloro-4-(1,1,2-trifluoro-2-trifluoro-methoxy)phenyl] - 3-(2,6-difluorobenzoyl)urea Acute toxicity - Swallowing:	LD50 - Rat Result: > 5,000 mg/kg
<u>Component data</u> 1-[3-chloro-4-(1,1,2-trifluoro-2-trifluoro-methoxy)phenyl] - 3-(2,6-difluorobenzoyl)urea Acute toxicity - Skin absorption:	LD50 - Rabbit Result: > 2,000 mg/kg
<u>Component data</u> 1-[3-chloro-4-(1,1,2-trifluoro-2-trifluoro-methoxy)phenyl] - 3-(2,6-difluorobenzoyl)urea Acute toxicity - Inhalation:	LC50 - Rat Result: > 5.15 mg/l
<u>Component data</u> 1-[3-chloro-4-(1,1,2-trifluoro-2-trifluoro-methoxy)phenyl] - 3-(2,6-difluorobenzoyl)urea Skin irritation - Skin contact:	Species: Rabbit Result: Non irritating.
<u>Component data</u> 1-[3-chloro-4-(1,1,2-trifluoro-2-trifluoro-methoxy)phenyl] - 3-(2,6-difluorobenzoyl)urea Eye irritation - Eye contact:	Species: Rabbit Result: Mild irritation
<u>Component data</u> 1-[3-chloro-4-(1,1,2-trifluoro-2-	Result: Non sensitizing.



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trifluoro-methoxyethoxy)phenyl] -
3-(2,6-difluorobenzoyl)urea
Sensitization:

12. ECOLOGICAL INFORMATION

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

General: Dispose of in accordance with appropriate Federal, State, and local regulations., Avoid discharge to sewers and natural waters.

Non-cleaned packages

Empty drums should be decontaminated and either passed to an approved drum reconditioner or destroyed., Containers that cannot be cleaned must be treated as waste.

14. TRANSPORT INFORMATION

DOT Classification

This product is not regulated by DOT.

IMDG Classification

This product is not regulated by IMDG.

ICAO Classification

This product is not regulated by ICAO.

15. REGULATORY INFORMATION

Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities (RQ's) in 40CFR302.4.



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Components present in this product at a level which could require reporting under the statute are:

**** NONE ****

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQ's) and release reporting based on Reportable Quantities (RQ's) in 40CFR355 (used for SARA 302 and 304).

Components present in this product at a level which could require reporting under the statute are:

**** NONE ****

New Jersey Worker and Community Right-To-Know Act (Labeling Requirements)

Chemical name	CAS#	New Jersey TS Number
1-[3-chloro-4-(1,1,2-trifluoro-2-trifluoro-methoxy)phenyl]-3-(2,6-difluorobenzoyl)urea	116714-46-6	

Inerts -

CHEMICAL INVENTORY

United States: This product is subject to regulation under the US Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) and is therefore exempt from TSCA Inventory listing requirements.

FDA

Food contact
 Not applicable

16. OTHER INFORMATION

RECOMMENDED USES AND RESTRICTIONSNOTE TO END-USERS: This MSDS is being provided to all interested persons in accordance with federal and state right-to-know laws. Precautionary Statements, First Aid Statements and Directions for Use of this product by end-users are contained on the product label and must be followed at all times.

FURTHER INFORMATION

MAY BE ON THE INVENTORY LIST BUT NOT NECESSARILY REGISTERED, (Korea, China, New Zealand) CONSULT REGULATORY SPECIALIST.

HMIS RATING

Health: 1	Flammability: 1	Reactivity: 0	PPI: X
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STP	Standard temperature and pressure
W/W	0 (HMIS)
1 (HMIS)	Slight hazard
2 (HMIS)	Moderate hazard
3 (HMIS)	Serious hazard
4 (HMIS)	Severe hazard
X (HMIS)	Personal protection rating to be supplied by user depending on use conditions

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