1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Floramite® 240 SC

Chemical name: Bifenazate

Use of substance/preparation: Miticide

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: 10/08/2009

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
CAUTION!
MAY CAUSE EYE IRRITATION.
MAY CAUSE SKIN SENSITIZATION.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>% BY WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bifenazate</td>
<td>22.6</td>
</tr>
</tbody>
</table>

CAS# 149877-41-8

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

[M]SDS# 000000026994
CPR Compliance
This product has been classified with the hazard criteria of the CPR, and the MSDS contains all the information required by CPR.

4. FIRST AID MEASURES

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.

Notes to physician
ROUTES OF ENTRY: Eyes, skin, ingestion, inhalation, mist.

5. FIRE-FIGHTING MEASURES

Flash point: > 104 °C

Hazardous combustion products
Irritating fumes.
Oxides of carbon.
Oxides of nitrogen.

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

Unsuitable: - water jets

6. ACCIDENTAL RELEASE MEASURES

Personal precautions
Wear suitable protective equipment., Avoid contact with eyes and skin.

Environmental precautions
Prevent from entering sewer system, surface water or soil.

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
Do not get in eyes., Avoid prolonged or repeated contact with skin., Avoid breathing vapor., Use with adequate ventilation., Wash thoroughly after handling.

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
Consult local authorities for acceptable provincial values.

PERSONAL PROTECTION

Respiratory protection
In the absence of engineering controls sufficient to maintain airborne concentrations below recommended occupational exposure limit values, appropriate respiratory protection should be utilized., The determination of appropriate respiratory protection is best performed, on a case by case basis, taking into consideration the exposure conditions of the particular operation. The respirator manufacturer should be consulted to ensure that the air-purifying cartridges utilized will provide adequate protection for the exposure conditions and period of wear concerned. For emergency conditions where the exposure limit may be greatly exceeded, use an approved positive-pressure self-contained breathing apparatus.

Hand protection / protective gloves
Chemical resistant protective gloves

Eye protection
Safety glasses with side shields.

Skin protection
Wear protective clothing, such as long sleeves to minimize skin contact.

Other protective equipment
Eye bath, Safety shower

ENGINEERING CONTROLS

Ventilation
General (mechanical) room ventilation is expected to be satisfactory., Special, local ventilation is needed at points where vapors can be expected to escape to the workplace air.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE
Physical state Liquid
Color Off-white to light tan
Floramite® 240 SC

Odor
Characteristic

OTHER PROPERTIES
Boiling point
Not available

pH
6.9
Concentration:
10 g/l

Density
1.061 g/cm³

Solubility in water
Dispersible

Solubility in organic solvents
Miscible with organic solvents

Evaporation rate (Butyl Acetate=1)
Similar to water

Flash point
> 104 °C

Autoignition temperature
> 400 °C

Dynamic viscosity
83 mPa.s

Oxidizing properties
Not applicable

Surface tension
42.1 dyn/cm at 25 °C

Explosive properties
Not applicable

10. STABILITY AND REACTIVITY

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

Incompatible materials:
Oxidizing agents.

Hazardous combustion products:
Irritating fumes.
Oxides of carbon.
Oxides of nitrogen.

Hazardous polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

GENERAL
The following information is based on analogy with a similar material.

<table>
<thead>
<tr>
<th>Component data</th>
<th>LD₅₀ - Rat (Males)</th>
<th>Result: &gt; 5,000 mg/kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>480 g/L SC formulation</td>
<td>Acute toxicity - Swallowing:</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Component data</th>
<th>LD₅₀ - Rat (Females)</th>
<th>Result: &gt; 2,000 mg/kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>480 g/L SC formulation</td>
<td>Acute toxicity - Swallowing:</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Component data</th>
<th>LD₅₀ - Rabbit</th>
<th>Result: &gt; 5,000 mg/kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>480 g/L SC formulation</td>
<td>Acute toxicity - Skin absorption:</td>
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<table>
<thead>
<tr>
<th>Component data</th>
<th>LC₅₀ - Rat</th>
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<td>480 g/L SC formulation</td>
<td>Acute toxicity - Skin absorption:</td>
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</tbody>
</table>
Floramite® 240 SC

480 g/L SC formulation
Acute toxicity - Inhalation: Result: > 1.8 mg/l
Exposure time: 4 h

Component data
480 g/L SC formulation
Skin irritation - Skin contact:
Species: Rabbit
Classification: Not irritating

Component data
480 g/L SC formulation
Eye irritation - Eye contact:
Species: Rabbit
Result: Irritant

Component data
480 g/L SC formulation
Eye irritation - Eye contact:
Species: Rabbit
Result: Not irritating

Component data
480 g/L SC formulation
Sensitization:
Species: Guinea pigs
Result: Non sensitizing.
Remark: May cause sensitization by skin contact.

MUTAGENICITY:
Component (480 g/L SC formulation): Test results are based on a major component. Negative

CARCINOGENICITY
Component (480 g/L SC formulation): Test results are based on a major component.
Component (480 g/L SC formulation): Negative

TOXICITY TO REPRODUCTION/FERTILITY
Component(480 g/L SC formulation): Test results are based on a major component.
Component(480 g/L SC formulation): Negative

12. ECOLOGICAL INFORMATION

The following information is based on analogy with a similar material:

Component ecotoxicology
480 g/L SC formulation
Acute toxicity fish:
LC50 - Rainbow trout (Oncorhynchus mykiss)
Result: 1.4 mg/l
Exposure time: 96 h

13. DISPOSAL CONSIDERATIONS

General: Dispose of waste material in compliance with all federal, provincial and local regulations. Do not discharge to sewers and
14. TRANSPORT INFORMATION

TDG - Canada
Not regulated by ground or rail.

Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bifenazate)
Class: 9
UN ID #: UN UN3082
Packing group: III

IMDG Classification
Proper shipping name: Environmentally hazardous substance, liquid, n.o.s.
Class: 9
Subsidiary risk: marine pollutant
UN ID #: UN 3082
Packing group: III
Technical description (Bifenazate)

ICAO/IATA Classification
Proper shipping name: Environmentally hazardous substance, liquid, n.o.s.
Class: 9
UN ID #: UN 3082
Packing group: III
Technical description (Bifenazate)

Only regulated by air Into, Out of or Within the United States in containers 881.8 lbs (400 kg) or greater.

15. REGULATORY INFORMATION

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.

CHEMICAL INVENTORY
Canada: This product is exempt from the New Substances Notification Regulations under CEPA when used as a
component in a registered pesticide formulation., PCP# 27924

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.

16. OTHER INFORMATION
Floramite® 240 SC

<table>
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<tr>
<th>Abbreviation</th>
<th>Description</th>
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<tr>
<td>STP</td>
<td>Standard temperature and pressure</td>
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<tr>
<td>W/W</td>
<td>Weight/Weight</td>
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