

Safety Data Sheet

PYRAMIN FL IA

Revision date : 2015/01/14

Version: 4.0

Page: 1/7

(30056448/SDS_CPA_CA/EN)

1. Product and Company Identification

Company

BASF Canada Inc.
100 Milverton Drive
Mississauga, ON L5R 4H1, CANADA

24 Hour Emergency Response Information

CANUTEC (reverse charges): (613) 996-6666
BASF HOTLINE: (800) 454-COPE (2673)

PCP#15857

2. Hazards Identification

Emergency overview

CAUTION:

POISON.

Contains 1,2-benzisothiazolin-3-one as a preservative.

Contains 2-methyl-4-isothiazolin-3-one as a preservative.

Contains the allergen soy.

KEEP OUT OF REACH OF CHILDREN.

MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

Avoid contact with the skin, eyes and clothing.

Avoid inhalation of dusts/mists/vapours.

State of matter: liquid

Colour: beige

Odour: faint specific odour, aromatic

Potential health effects

Acute toxicity:

Slightly toxic after single ingestion. Slightly toxic after short-term skin contact. Relatively nontoxic after short-term inhalation.

Irritation / corrosion:

May cause slight but temporary irritation to the eyes. May cause slight irritation to the skin.

Sensitization:

May cause sensitization by skin contact.

Chronic toxicity:

Repeated dose toxicity: No known chronic effects.

Signs and symptoms of overexposure:

Safety Data Sheet

PYRAMIN FL IA

Revision date : 2015/01/14

Version: 4.0

Page: 2/7

(30056448/SDS_CPA_CA/EN)

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11., Further important symptoms and effects are so far not known.

Potential environmental effects

Aquatic toxicity:

The product has not been tested. The statement has been derived from the properties of the individual components. Acutely toxic for aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Degradation / environmental fate:

The product has not been tested. The statement has been derived from the properties of the individual components.

Bioaccumulation / bioconcentration:

The product has not been tested. The statement has been derived from the properties of the individual components.

3. Composition / Information on Ingredients

Not WHMIS controlled.

4. First-Aid Measures

General advice:

Remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air, seek medical attention.

If on skin:

Wash thoroughly with soap and water.

If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

If swallowed:

Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Flash point:

(Directive 92/69/EEC, A.9) No flash point - Measurement made up to the boiling point.

Autoignition:

610 °C

(Directive 92/69/EEC, A.15)

Lower explosion limit:

As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.

Upper explosion limit:

As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.

Safety Data Sheet

PYRAMIN FL IA

Revision date : 2015/01/14

Version: 4.0

Page: 3/7

(30056448/SDS_CPA_CA/EN)

Flammability: not highly flammable (Directive 92/69/EEC, A.12)

Suitable extinguishing media:

water spray, foam, dry powder, carbon dioxide

Hazards during fire-fighting:

carbon monoxide, carbon dioxide, Hydrogen chloride, nitrogen oxides, organochloric compounds

The substances/groups of substances mentioned can be released in case of fire.

Protective equipment for fire-fighting:

Wear self-contained breathing apparatus and chemical-protective clothing.

Further information:

Keep containers cool by spraying with water if exposed to fire. In case of fire and/or explosion do not breathe fumes. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

6. Accidental release measures

Personal precautions:

Use personal protective clothing. Avoid contact with the skin, eyes and clothing. Do not breathe vapour/spray.

Environmental precautions:

Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater.

Cleanup:

Dispose of absorbed material in accordance with regulations. Collect waste in suitable containers, which can be labeled and sealed. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations.

For small amounts: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr).

For large amounts: Dike spillage. Pump off product.

7. Handling and Storage

Handling

General advice:

No special measures necessary if stored and handled correctly. Ensure thorough ventilation of stores and work areas. When using do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift.

Protection against fire and explosion:

No special precautions necessary. The substance/product is non-combustible. Product is not explosive.

Storage

General advice:

Keep away from heat. Protect from direct sunlight.

Storage incompatibility:

General advice: Segregate from foods and animal feeds.

Temperature tolerance

Protect from temperatures below: -5 °C

The product can crystallize below the limit temperature.

Protect from temperatures above: 40 °C

Changes in the properties of the product may occur if substance/product is stored above indicated temperature for extended periods of time.

Safety Data Sheet

PYRAMIN FL IA

Revision date : 2015/01/14
Version: 4.0

Page: 4/7
(30056448/SDS_CPA_CA/EN)

8. Exposure Controls and Personal Protection

Users of a pesticidal product should refer to the product label for personal protective equipment requirements.

Personal protective equipment

Respiratory protection:

Suitable respiratory protection for higher concentrations or long-term effect: Combination filter for gases/vapours of organic, inorganic, acid inorganic and alkaline compounds (e.g. EN 14387 Type ABEK).

Hand protection:

Chemical resistant protective gloves

Eye protection:

Safety glasses with side-shields.

Body protection:

Full-body protective clothing

General safety and hygiene measures:

The statements on personal protective equipment in the instructions for use apply when handling crop-protection agents in final-consumer packing. Avoid contact with the skin, eyes and clothing. Wearing of closed work clothing is recommended. Wash soiled clothing immediately.

9. Physical and Chemical Properties

Form:	suspension	
Odour:	faint specific odour, aromatic	
Odour threshold:	No data available.	
Colour:	beige	
pH value:	approx. 6 - 8	(20 °C) (measured with the undiluted substance)
crystallization temperature:	approx. -4.6 °C	
onset of boiling:	100 °C	Information applies to the solvent.
Vapour pressure:	approx. 23 hPa	(20 °C) Information applies to the solvent.
Density:	approx. 1.17 g/cm ³	(20 °C)
Vapour density:		not applicable
<i>Information on: chloridazon</i>		
Partitioning coefficient n-octanol/water (log Pow):	1.19	(approx. 25 °C) (OECD Guideline 107)

Viscosity, dynamic:	approx. 38 mPa.s	(20 °C) (OECD 114)
Solubility in water:		dispersible

10. Stability and Reactivity

Conditions to avoid:

Avoid all sources of ignition: heat, sparks, open flame. Avoid prolonged storage. Avoid electro-static discharge. Avoid contamination. Avoid prolonged exposure to extreme heat. Avoid extreme temperatures.

Substances to avoid:

strong bases, strong acids, strong oxidizing agents

Hazardous reactions:

No hazardous reactions if stored and handled as prescribed/indicated.

Decomposition products:

Safety Data Sheet

PYRAMIN FL IA

Revision date : 2015/01/14

Version: 4.0

Page: 5/7

(30056448/SDS_CPA_CA/EN)

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

Thermal decomposition:

165 °C, 2.5 K/min (DSC (OECD 113))

285 °C, 2.5 K/min (DSC (OECD 113))

Not a substance liable to self-decomposition according to UN transport regulations, class 4.1.

Oxidizing properties:

not fire-propagating

11. Toxicological information

Acute toxicity

Oral:

Type of value: LD50

Species: rat (female)

Value: approx. 2,000 mg/kg (OECD Guideline 423)

Inhalation:

Type of value: LC50

Species: rat (male/female)

Value: > 3.86 mg/l (OECD Guideline 403)

Exposure time: 4 h

An aerosol was tested.

Highest concentration available for testing.

Dermal:

Type of value: LD50

Species: rat (male/female)

Value: > 4,000 mg/kg (OECD Guideline 402)

Irritation / corrosion

Skin:

Species: rabbit

Result: non-irritant

Method: OECD Guideline 404

Eye:

Species: rabbit

Result: non-irritant

Method: OECD Guideline 405

Sensitization:

Guinea pig maximization test

Species: guinea pig

Result: Caused skin sensitization in animal studies.

Method: OECD Guideline 406

Repeated dose toxicity

Information on: chloridazon

Assessment of repeated dose toxicity:

Repeated exposure to large quantities may affect certain organs.

Other Information:

Misuse can be harmful to health.

Safety Data Sheet

PYRAMIN FL IA

Revision date : 2015/01/14
Version: 4.0

Page: 6/7
(30056448/SDS_CPA_CA/EN)

12. Ecological Information

Fish

Information on: chloridazon

Acute:

EPA 72-1 static

Oncorhynchus mykiss/LC50 (96 h): 41.3 mg/l

Aquatic invertebrates

Information on: chloridazon

Acute:

Directive 79/831/EEC static

Daphnia magna/EC50 (48 h): 131.95 mg/l

Daphnia magna/No observed effect concentration (21 d): 10 mg/l

Aquatic plants

Information on: chloridazon

Toxicity to aquatic plants:

green algae/EC50 (72 h): 2.39 mg/l

ETAD method, modified OECD Guideline 201 swollen duckweed/EC50 (7 d): > 3.16 mg/l

swollen duckweed/No observed effect concentration (7 d): 0.1 mg/l

Other adverse effects:

Do not discharge product into the environment without control.

13. Disposal considerations

Waste disposal of substance:

See product label for disposal and recycling instructions.

14. Transport Information

Land transport

TDG

Hazard class:

9

Packing group:

III

ID number:

UN 3082

Hazard label:

9, EHSM

Proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(contains CHLORIDAZON)

Sea transport

IMDG

Hazard class:

9

Packing group:

III

Safety Data Sheet

PYRAMIN FL IA

Revision date : 2015/01/14

Version: 4.0

Page: 7/7

(30056448/SDS_CPA_CA/EN)

ID number:	UN 3082
Hazard label:	9, EHSM
Marine pollutant:	YES
Proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains CHLORIDAZON)

Air transport

IATA/ICAO

Hazard class:	9
Packing group:	III
ID number:	UN 3082
Hazard label:	9, EHSM
Proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains CHLORIDAZON)

15. Regulatory Information

Federal Regulations

Registration status:

Crop Protection DSL, CA released / exempt

Chemical DSL, CA released; restriction on quantity / not listed

WHMIS does not apply to this product.

**THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR
AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.**

16. Other Information

Recommended use: herbicide

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

SDS Prepared by:

BASF NA Product Regulations

BASF HOTLINE (800) 454 – COPE (2673)

SDS Prepared on: 2015/01/14

END OF DATA SHEET