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**INFINITY® FX** 

Version 2.0 / CDN 102000031055

# SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**Product identifier** 

Trade name INFINITY® FX
Product code (UVP) 85765868

**SDS Number** 102000031055

PCP Registration No. 33248

Relevant identified uses of the substance or mixture and uses advised against

**Use** Herbicide

**Restrictions on use**See product label for restrictions.

Information on supplier

Supplier Bayer CropScience Inc

#200, 160 Quarry Park Blvd, SE Calgary, Alberta T2C 3G3

Canada

Responsible Department Email: SDSINFO.BCS-NA@bayer.com

Emergency telephone no.

Emergency Telephone Number (24hr/ 7 days) 1-800-334-7577

Product Information Telephone Number

1-888-283-6847

## **SECTION 2: HAZARDS IDENTIFICATION**

# Classified in accordance with Part 2 of the Hazardous Products Regulations

Acute toxicity(Oral): Category 4
Eye irritation: Category 2A

Skin irritation, Reproductive toxicity, Carcinogenicity: Category 2

Skin sensitisation: Category 1B Aspiration hazard: Category 1

Labelling in accordance with Part 3 of the Hazardous Products Regulations





Signal word: Danger



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## **Hazard statements**

Harmful if swallowed.

Causes skin irritation.

Causes serious eye irritation.

May cause an allergic skin reaction.

Suspected of causing cancer.

Suspected of damaging fertility or the unborn child.

May be fatal if swallowed and enters airways.

## **Precautionary statements**

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

Avoid breathing mist/ spray.

Contaminated work clothing should not be allowed out of the workplace.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wear protective gloves/ protective clothing/ eye protection/ face protection.

IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.

Specific treatment (see supplemental first aid instructions on this label).

Rinse mouth.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/ attention.

IF ON SKIN: Gently wash with plenty of soap and water.

If skin irritation or rash occurs: Get medical advice/ attention.

IF exposed or concerned: Get medical advice/ attention.

Take off contaminated clothing and wash before reuse.

Do NOT induce vomiting.

Store locked up.

Dispose of contents/container in accordance with local regulation.

## **Hazards Not Otherwise Classified (HNOC)**

No physical hazards not otherwise classified.

No other hazards not otherwise classified.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS** 



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Hazardous Component Name	CAS-No.	Concentration % by weight
Bromoxynil octanoate	1689-99-2	11.02
Bromoxynil heptanoate	56634-95-8	10.66
Fluroxypyr-meptyl	81406-37-3	9.02
Pyrasulfotole	365400-11-9	2.7
Mefenpyr-diethyl	135590-91-9	0.68
Propylene carbonate	108-32-7	20.0
Fatty alcohol ethoxylate	78330-21-9	10.0
Solvent Naphtha (petroleum), heavy aromatic	64742-94-5	24.1
2-Ethylhexanole	104-76-7	1.5
Naphthalene	91-20-3	3.8
Benzenesulfonic acid, mono-C10-13-alkyl derivs., calcium salts	90194-36-8	2.3

## **SECTION 4: FIRST AID MEASURES**

## **Description of first aid measures**

General advice When possible, have the product container or label with you when

calling a poison control center or doctor or going for treatment.

**Inhalation** Move to fresh air. If person is not breathing, call 911 or an ambulance,

then give artificial respiration, preferably mouth-to-mouth if possible.

Call a physician or poison control center immediately.

**Skin contact** Take off contaminated clothing and shoes immediately. Wash off

immediately with plenty of water for at least 15 minutes. Call a

physician or poison control center immediately.

**Eye contact** Hold eye open and rinse slowly and gently with water for 15-20

minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a physician or poison control center

immediately.

**Ingestion** Call a physician or poison control center immediately. Rinse out mouth

and give water in small sips to drink. DO NOT induce vomiting unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. Do not leave victim

unattended.

Most important symptoms and effects, both acute and delayed

**Symptoms** Aspiration may cause pulmonary oedema and pneumonitis.

Indication of any immediate medical attention and special treatment needed

**Risks** Contains hydrocarbon solvents. May pose an aspiration pneumonia

hazard.

**Treatment** Appropriate supportive and symptomatic treatment as indicated by the

patient's condition is recommended.



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## **SECTION 5: FIREFIGHTING MEASURES**

**Extinguishing media** 

Suitable Water spray, Foam, Dry chemical, Carbon dioxide (CO2)

**Unsuitable** High volume water jet

Special hazards arising from the substance or

mixture

Dangerous gases are evolved in the event of a fire.

Advice for firefighters

Special protective equipment for firefighters

Firefighters should wear NIOSH approved self-contained breathing

apparatus and full protective clothing.

**Further information** Keep out of smoke. Fight fire from upwind position. Cool closed

containers exposed to fire with water spray. Do not allow run-off from

fire fighting to enter drains or water courses.

Flash point 101.5 °C

Auto-ignition temperatureNo data availableLower explosion limitNo data availableUpper explosion limitNo data availableExplosivityNo data available

#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures

**Precautions** Keep unauthorized people away. Isolate hazard area. Avoid contact

with spilled product or contaminated surfaces.

Methods and materials for containment and cleaning up

**Methods for cleaning up** Soak up with inert absorbent material (e.g. sand, silica gel, acid

binder, universal binder, sawdust). Collect and transfer the product

into a properly labelled and tightly closed container. Clean

contaminated floors and objects thoroughly, observing environmental

regulations.

Additional advice Use personal protective equipment. If the product is accidentally

spilled, do not allow to enter soil, waterways or waste water canal. Do

not allow product to contact non-target plants.

**Reference to other sections** Information regarding safe handling, see section 7.

Information regarding personal protective equipment, see section 8.

Information regarding waste disposal, see section 13.



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## **SECTION 7: HANDLING AND STORAGE**

Precautions for safe handling

**Advice on safe handling** Use only in area provided with appropriate exhaust ventilation. Handle

and open container in a manner as to prevent spillage.

**Hygiene measures** Wash hands thoroughly with soap and water after handling and before

eating, drinking, chewing gum, using tobacco, using the toilet or

applying cosmetics.

Remove Personal Protective Equipment (PPE) immediately after handling this product. Remove soiled clothing immediately and clean thoroughly before using again. Wash thoroughly and put on clean

clothing.

Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers

Keep away from direct sunlight. Store in a cool, dry place and in such a manner as to prevent cross contamination with other crop protection products, fertilizers, food, and feed. Store in original container and out of

the reach of children, preferably in a locked storage area.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

## **Control parameters**

Components	CAS-No.	Control parameters	Update	Basis
Bromoxynil octanoate	1689-99-2	0.21 mg/m3 (SK-SEN)		OES BCS*
Mefenpyr-diethyl	135590-91-9	10 mg/m3 (TWA)		OES BCS*
Solvent Naphtha (petroleum), heavy aromatic (Vapor.)	64742-94-5	200 mg/m3 (TWA)	07 2009	CAD AB OEL
Solvent Naphtha (petroleum), heavy aromatic (Non-aerosol.)	64742-94-5	200 mg/m3 (TWA)	05 2013	CAD BC OEL
Solvent Naphtha (petroleum), heavy aromatic (Non-aerosol.)	64742-94-5	200 mg/m3 (TWA)	03 2014	CAD MB OEL
Solvent Naphtha (petroleum), heavy aromatic (Non-aerosol.)	64742-94-5	200 mg/m3 (TWA)	11 2010	CAD ON OEL
Solvent Naphtha (petroleum), heavy aromatic	64742-94-5	525 mg/m3 (TWA)	11 2010	CAD ON OEL



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Solvent Naphtha (petroleum), heavy aromatic	64742-94-5	200 mg/m3 (8 HR ACL)	05 2009	CAD SK OEL
(Vapor.)				
Solvent Naphtha (petroleum), heavy aromatic	64742-94-5	250 mg/m3 (15 MIN ACL)	05 2009	CAD SK OEL
(Vapor.)				
Naphthalene	91-20-3	52 mg/m3/10 ppm (TWA)	07 2009	CAD AB OEL
Naphthalene	91-20-3	79 mg/m3/15 ppm (STEL)	07 2009	CAD AB OEL
Naphthalene	91-20-3	10 ppm (TWA)	09 2011	CAD BC OEL
Naphthalene	91-20-3	15 ppm (STEL)	09 2011	CAD BC OEL
Naphthalene	91-20-3	10 ppm (TWA)	03 2011	CAD MB OEL
Naphthalene	91-20-3	10 ppm (TWA)	11 2010	CAD ON OEL
Naphthalene	91-20-3	15 ppm (STEL)	11 2010	CAD ON OEL
Naphthalene	91-20-3	10 ppm (8 HR ACL)	05 2009	CAD SK OEL
Naphthalene	91-20-3	15 ppm (15 MIN ACL)	05 2009	CAD SK OEL
Naphthalene	91-20-3	79 mg/m3/15 ppm (STEL)	11 2011	OEL (QUE)
Naphthalene	91-20-3	52 mg/m3/10 ppm (TWA)	11 2011	OEL (QUE)
Naphthalene	91-20-3	10 ppm (TLV)		OES BCS*

<sup>\*</sup>OES BCS: Internal Bayer AG, Crop Science Division "Occupational Exposure Standard"

## **Exposure controls**

# Personal protective equipment

In normal use and handling conditions please refer to the label and/or leaflet. In all other cases the following recommendations would apply.

**Respiratory protection** 

When respirators are required, select NIOSH approved equipment



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based on actual or potential airborne concentrations and in

accordance with the appropriate regulatory standards and/or industry

recommendations.

Hand protection Chemical resistant nitrile rubber gloves

Eye protection Tightly fitting safety goggles

Skin and body protection Wear long-sleeved shirt and long pants and shoes plus socks.

General protective measures Follow manufacturer's instructions for cleaning/maintaining PPE. If

no such instructions for washables, use detergent and warm/tepid

water.

Keep and wash PPE separately from other laundry.

## **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Information on basic physical and chemical properties

**Form** Liquid, clear

Colour beige to brown Odour aromatic, solvent-like

**Odour Threshold** No data available

pН 3.0 - 4.5 (10 %) (23 °C) (deionized water)

Melting point/range No data available **Boiling Point** No data available

101.5 °C Flash point

**Flammability** No data available **Auto-ignition temperature** No data available

Minimum ignition energy No data available Self-accelarating

decomposition temperature

(SADT)

No data available

No data available **Upper explosion limit** Lower explosion limit No data available Vapour pressure No data available **Evaporation rate** No data available Relative vapour density No data available Relative density No data available 1.15 g/cm3 (20 °C) **Density** Solubility/qualitative No data available



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Water solubility miscible

Partition coefficient: n-

octanol/water

Bromoxynil octanoate: log Pow: 5.4

Bromoxynil heptanoate: log Pow: 5.9 Fluroxypyr-meptyl: log Pow: 5.04 Pyrasulfotole: log Pow: -1.362

Mefenpyr-diethyl: log Pow: 3.83 (21 °C)

Viscosity, dynamic 24.7 mPa.s (20 °C)

Velocity gradient 20 /s

Viscosity, kinematic

Oxidizing properties

No data available

Explosivity

No data available

## **SECTION 10: STABILITY AND REACTIVITY**

Reactivity

**Thermal decomposition** Stable under normal conditions.

**Chemical stability** Stable under recommended storage conditions.

Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use.

**Conditions to avoid** Extremes of temperature and direct sunlight.

**Incompatible materials** No incompatible materials known.

**Hazardous decomposition** 

products

No decomposition products expected under normal conditions of use.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

**Exposure routes** Skin contact, Eye contact, Ingestion

**Immediate Effects** 

**Eye** Moderate eye irritation may occur.

**Skin** Moderate skin irritation. May cause sensitisation by skin contact.

**Ingestion** Harmful or fatal if swallowed.

Information on toxicological effects

Acute oral toxicity LD50 (Rat) 550 mg/kg
Acute inhalation toxicity LC50 (Rat) 5.05 mg/l
Exposure time: 4 h



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Determined in the form of liquid aerosol.

Acute dermal toxicity

No data available

Skin corrosion/irritation Moderate skin irritation. (Rabbit)
Serious eye damage/eye Moderate eye irritation. (Rabbit)

irritation

Respiratory or skin Skin: Sensitising (Mouse)

sensitisation OECD Test Guideline 429, local lymph node assay (LLNA)

## Assessment STOT Specific target organ toxicity - single exposure

Bromoxynil octanoate: Based on available data, the classification criteria are not met.

Fluroxypyr-meptyl: This information is not available.

Pyrasulfotole: Based on available data, the classification criteria are not met. Mefenpyr-diethyl: Based on available data, the classification criteria are not met.

## Assessment STOT Specific target organ toxicity - repeated exposure

Bromoxynil octanoate caused specific target organ toxicity in experimental animal studies in the following organ(s): Liver. The observed effects do not appear to be relevant for humans. Bromoxynil heptanoate caused specific target organ toxicity in experimental animal studies in the following organ(s): Liver. The observed effects do not appear to be relevant for humans. Fluroxypyr-meptyl did not cause specific target organ toxicity in experimental animal studies. Pyrasulfotole: May cause damage to organs through prolonged or repeated exposure. Mefenpyr-diethyl did not cause specific target organ toxicity in experimental animal studies.

## Assessment mutagenicity

Bromoxynil octanoate was not mutagenic or genotoxic based on the overall weight of evidence in a battery of in vitro and in vivo tests.

Bromoxynil heptanoate was not mutagenic or genotoxic based on the overall weight of evidence in a battery of in vitro and in vivo tests.

Fluroxypyr-meptyl was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.

Pyrasulfotole was not genotoxic in a battery of in vitro and in vivo tests.

Mefenpyr-diethyl was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.

#### Assessment carcinogenicity

Bromoxynil octanoate caused at high dose levels an increased incidence of tumours in the following organ(s): Liver. The mechanism of tumour formation is not considered to be relevant to man. Bromoxynil heptanoate caused at high dose levels an increased incidence of tumours in mice in the following organ(s): Liver. The mechanism of tumour formation is not considered to be relevant to man. Fluroxypyr-meptyl was not carcinogenic in lifetime feeding studies in rats and mice.

Pyrasulfotole caused at high dose levels an increased incidence of tumours in the following organ(s): Cornea, urinary bladder. The mechanism that triggers tumours in rodents and the type of tumours observed are not relevant to humans.

Mefenpyr-diethyl was not carcinogenic in lifetime feeding studies in rats and mice.

#### **ACGIH**

Solvent Naphtha (petroleum), heavy aromatic 64742-94-5 Group A3 Naphthalene 91-20-3 Group A3

#### **NTP**



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Naphthalene 91-20-3

**IARC** 

Naphthalene 91-20-3 Overall evaluation: 2B

**OSHA** 

None.

## Assessment toxicity to reproduction

Bromoxynil octanoate did not cause reproductive toxicity in a two-generation study in rats. Bromoxynil heptanoate did not cause reproductive toxicity in a two-generation study in rats. Fluroxypyr-meptyl did not cause reproductive toxicity in a two-generation study in rats. Pyrasulfotole did not cause reproductive toxicity in a two-generation study in rats. Mefenpyr-diethyl did not cause reproductive toxicity in a two-generation study in rats.

## Assessment developmental toxicity

Bromoxynil octanoate caused a delayed foetal growth, an increased incidence of non-specific malformations. Bromoxynil octanoate caused developmental toxicity only at dose levels toxic to the dams.

Bromoxynil heptanoate caused developmental toxicity only at dose levels toxic to the dams. Bromoxynil heptanoate caused a delayed foetal growth, an increased incidence of non-specific malformations.

Fluroxypyr-meptyl did not cause developmental toxicity in rats and rabbits.

Pyrasulfotole did not cause developmental toxicity in rats and rabbits.

Mefenpyr-diethyl caused developmental toxicity only at dose levels toxic to the dams. The developmental effects seen with Mefenpyr-diethyl are related to maternal toxicity.

#### **Aspiration hazard**

May be fatal if swallowed and enters airways.

#### **Further information**

Only acute toxicity studies have been performed on the formulated product.

The non-acute information pertains to the active ingredient(s).

## **SECTION 12: ECOLOGICAL INFORMATION**

**Toxicity to fish** LC50 (Oncorhynchus mykiss (rainbow trout)) > 0.225 mg/l

semi-static test; Exposure time: 96 h

The value mentioned relates to the active ingredient fluroxypyr-meptyl.

LC50 (Lepomis macrochirus (Bluegill sunfish)) 0.029 mg/l

Exposure time: 96 h

The value mentioned relates to the active ingredient bromoxynil

octanoate.

LC50 (Lepomis macrochirus (Bluegill sunfish)) 0.029 mg/l

Exposure time: 96 h

The value mentioned relates to the active ingredient bromoxynil

heptanoate.



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Chronic toxicity to fish Oncorhynchus mykiss (rainbow trout)

NOEC: 0.32 mg/l

The value mentioned relates to the active ingredient fluroxypyr-meptyl.

Toxicity to aquatic invertebrates

EC50 (Daphnia magna (Water flea)) 0.046 mg/l

Exposure time: 48 h

The value mentioned relates to the active ingredient bromoxynil

octanoate.

EC50 (Daphnia magna (Water flea)) 0.031 mg/l

Exposure time: 48 h

The value mentioned relates to the active ingredient bromoxynil

heptanoate.

EC50 (Daphnia magna (Water flea)) > 0.183 mg/l

Exposure time: 48 h

The value mentioned relates to the active ingredient fluroxypyr-meptyl.

Toxicity to aquatic plants

EC50 (Navicula pelliculosa (Freshwater diatom)) 0.043 mg/l

Exposure time: 120 h

The value mentioned relates to the active ingredient bromoxynil

octanoate.

EC50 (Lemna gibba (gibbous duckweed)) 0.073 mg/l

The value mentioned relates to the active ingredient bromoxynil

octanoate.

EC50 (Raphidocelis subcapitata (freshwater green alga)) 0.083 mg/l

Exposure time: 120 h

The value mentioned relates to the active ingredient bromoxynil

heptanoate.

EC50 (Lemna gibba (gibbous duckweed)) 0.21 mg/l

Exposure time: 336 h

The value mentioned relates to the active ingredient bromoxynil

heptanoate.

ErC50 (Navicula pelliculosa (Freshwater diatom)) 0.24 mg/l

Exposure time: 72 h

The value mentioned relates to the active ingredient fluroxypyr-meptyl.

EbC50 (Scenedesmus quadricauda (Green algae)) > 0.47 mg/l

Exposure time: 72 h

The value mentioned relates to the active ingredient fluroxypyr-meptyl.

ErC50 (Raphidocelis subcapitata (freshwater green alga)) > 1.410 mg/l

Exposure time: 72 h

The value mentioned relates to the active ingredient fluroxypyr-meptyl.

**Biodegradability** Bromoxynil octanoate:

Not rapidly biodegradable Bromoxynil heptanoate: Not rapidly biodegradable

Fluroxypyr-meptyl: 32 %, Exposure time: 28 d

Not rapidly biodegradable



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Pyrasulfotole:

Not rapidly biodegradable

Mefenpyr-diethyl:

Not rapidly biodegradable

**Koc** Bromoxynil octanoate: Koc: 639

Bromoxynil heptanoate: Koc: ca. 600 Fluroxypyr-meptyl: Koc: 6200 - 43000 Pyrasulfotole: Koc: 20 - 213; log Koc: 2.34

Mefenpyr-diethyl: Koc: 625

**Bioaccumulation** Bromoxynil octanoate: Bioconcentration factor (BCF) 230

Does not bioaccumulate. Bromoxynil heptanoate:

No data available, Does not bioaccumulate.

Fluroxypyr-meptyl: Bioconcentration factor (BCF) 26

Pyrasulfotole:

Does not bioaccumulate.

Mefenpyr-diethyl: Bioconcentration factor (BCF) 232

Does not bioaccumulate.

**Mobility in soil** Bromoxynil octanoate: Slightly mobile in soils

Bromoxynil heptanoate: Slightly mobile in soils

Fluroxypyr-meptyl: Immobile in soil Pyrasulfotole: Moderately mobile in soils Mefenpyr-diethyl: Slightly mobile in soils

## Results of PBT and vPvB assessment

**PBT and vPvB assessment** Bromoxynil octanoate: This substance is not considered to be

persistent, bioaccumulative and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulative (vPvB). Bromoxynil heptanoate: This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulative (vPvB). Fluroxypyr-meptyl: This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is not considered to be

very persistent and very bioaccumulative (vPvB).

Pyrasulfotole: This substance is not considered to be persistent,

bioaccumulative and toxic (PBT). This substance is not considered to be

very persistent and very bioaccumulative (vPvB).

Mefenpyr-diethyl: This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is not considered to be

very persistent and very bioaccumulative (vPvB).

Additional ecological

information

No other effects to be mentioned.

**Environmental precautions** Do not allow to get into surface water, drains and ground water.

Do not contaminate surface or ground water by cleaning equipment or

disposal of wastes, including equipment wash water.

Apply this product as specified on the label.

Do not apply when weather conditions favor runoff or drift. Drift and runoff from treated areas may be hazardous to aquatic

organisms in adjacent sites.



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Drift or runoff from treated areas may adversely affect non-target plants.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

## Waste treatment methods

Product It is best to use all of the product in accordance with label directions. If it

is necessary to dispose of unused product, please follow container label

instructions and applicable local guidelines.

Never place unused product down any indoor or outdoor drain. Dispose in accordance with all local, state/provincial and federal

regulations.

**Contaminated packaging** Do not re-use empty containers.

Triple rinse containers.

Add washings to sprayer at time of filling. Puncture container to avoid re-use.

Consult state and local regulations regarding the proper disposal of

container.

Follow advice on product label and/or leaflet.

## **SECTION 14: TRANSPORT INFORMATION**

**TDG** 

UN number 3082
Labels 9
Packaging group III

Marine pollutant Marine pollutant

Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

N.O.S.

(BROMOXYNIL, FLUROXYPYR-MEPTYL)

49CFR

UN number 3082 Class 9 Packaging group III

Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID,

N.O.S.

(BROMOXYNIL, NAPHTHALENE)

RQ Reportable Quantity is reached with 2,631 lb of product.

**IMDG** 

UN number 3082
Class 9
Packaging group III
Marine pollutant YES

Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

N.O.S.

(BROMOXYNIL, FLUROXYPYR-MEPTYL SOLUTION)



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**IATA** 

UN number 3082
Class 9
Packaging group III
Environm. Hazardous Mark YES

Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

N.O.S.

(BROMOXYNIL, FLUROXYPYR-MEPTYL SOLUTION)

This transportation information is not intended to convey all specific regulatory information relating to this product. It does not address regulatory variations due to package size or special transportation requirements.

Further Information Exempt from regulation when transported by road or rail, in

accordance with TDG Regulations 1.45.1.

This exemption provides that this product does not require dangerous goods shipping documentation or safety marks

when transported on land by road or rail.

## **SECTION 15: REGULATORY INFORMATION**

PCP Registration No. 33248

## **PMRA Information:**

Read the label, authorized under the Pest Control Products Act, prior to using or handling the pest control product.

This chemical is a pest control product regulated by Health Canada Pest Management Regulatory Agency and is subject to certain labelling requirements under the Pest Control Products Act. These requirements differ from the classification criteria and hazard information required for GHS-consistent safety data sheets. The following is the hazard information required on the pest control product label:

Signal word: Warning!

**Hazard statements:** Harmful or fatal if swallowed.

May cause eye irritation. Causes skin irritation.

There are Canada-specific environmental requirements for handling, use, and disposal of this pest control product that are indicated on the label.



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## **SECTION 16: OTHER INFORMATION**

Abbreviations and acronyms

49CFR Code of Federal Regulations, Title 49 ACGIH US. ACGIH Threshold Limit Values

ATE Acute toxicity estimate

CAS-Nr. Chemical Abstracts Service number

CERCLA Comprehensive Environmental Response, Compensation, and Liability Act

EINECS European inventory of existing commercial substances

ELINCS European list of notified chemical substances IARC International Agency for Research on Cancer IATA International Air Transport Association IMDG International Maritime Dangerous Goods

N.O.S. Not otherwise specified

NTP US. National Toxicology Program (NTP) Report on Carcinogens
OECD Organization for Economic Co-operation and Development

TDG Transportation of Dangerous Goods

TWA Time weighted average

UN United Nations

WHO World health organisation

NFPA 704 (National Fire Protection Association):

Health - 2 Flammability - 1 Instability - 0 Others - none

HMIS (Hazardous Materials Identification System, based on the Third Edition Ratings Guide)

Health - 2 Flammability - 1 Physical Hazard - 1 PPE -

0 = minimal hazard, 1 = slight hazard, 2 = moderate hazard, 3 = severe hazard, 4 = extreme hazard

**Reason for Revision:** The following sections have been revised: Section 2: Hazards Identification. Section 3: Composition / Information on Ingredients. Section 8: Exposure Controls / Personal Protection. Reviewed and updated for general editorial purposes.

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