

SAFETY DATA SHEET



BUCTRIL M EMULSIFIABLE SELECTIVE WEEDKILLER

1/14

Version 6.0 / CDN
102000002072

Revision Date: 07/03/2023
Print Date: 08/14/2024

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

Product identifier

Trade name	BUCTRIL M EMULSIFIABLE SELECTIVE WEEDKILLER
Product code (UVP)	05929490
SDS Number	102000002072

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

Aspiration hazard: Category 1
Carcinogenicity, Reproductive toxicity: Category 2
Acute toxicity(Oral, Inhalation): Category 4
Flammable liquids: Category 4

Labelling in accordance with Part 3 of the Hazardous Products Regulations



Signal word: Danger

SAFETY DATA SHEET



BUCTRIL M EMULSIFIABLE SELECTIVE WEEDKILLER

2/14

Version 6.0 / CDN
102000002072

Revision Date: 07/03/2023
Print Date: 08/14/2024

Hazard statements

May be fatal if swallowed and enters airways.
Suspected of causing cancer.
Suspected of damaging fertility or the unborn child.
Harmful if swallowed or if inhaled.
Combustible liquid.

Precautionary statements

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.
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
Avoid breathing mist/ spray.
Use only outdoors or in a well-ventilated area.
Keep away from open flames/hot surfaces. - No smoking.
IF SWALLOWED: Immediately call a POISON CENTER/doctor/ physician.
Do NOT induce vomiting.
IF exposed or concerned: Get medical advice/ attention.
Rinse mouth.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTER/doctor/physician if you feel unwell.
In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
Store locked up.
Store in a well-ventilated place. Keep cool.
Dispose of contents/container in accordance with local regulation.

Hazards Not Otherwise Classified (HNOC)

No physical hazards not otherwise classified.
No health hazards not otherwise classified.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Component Name	CAS-No.	Concentration % by weight
Bromoxynil octanoate, heptanoate mixed ester		24.6
MCPA 2-ethylhexyl ester	29450-45-1	24.6
Solvent Naphtha (petroleum), heavy aromatic	64742-94-5	13.2
Naphthalene	91-20-3	1.4
2-Methylpropan-1-ol	78-83-1	1.2
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., calcium salts	84989-14-0	2.8

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.

SAFETY DATA SHEET



BUCTRIL M EMULSIFIABLE SELECTIVE WEEDKILLER

3/14

Version 6.0 / CDN
102000002072

Revision Date: 07/03/2023
Print Date: 08/14/2024

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. Risk of product entering the lungs on vomiting after ingestion.

Most important symptoms and effects, both acute and delayed

Symptoms	Local:, The product causes irritation of eyes, skin and mucous membranes., Sensitisation Systemic:, Tiredness, Thirst, Sweating, anxiety, Hyperventilation, tachycardia, Muscle rigidity, Hyperthermia, Vomiting, Abdominal pain, ataxia, Anorexia, Liver damage, Acidosis, hypotension, Circulatory collapse, Cough, Shortness of breath, Nausea, Diarrhoea, Rhabdomyolysis, Somnolence, Coma, Convulsions
-----------------	--

Indication of any immediate medical attention and special treatment needed

Treatment	Appropriate supportive and symptomatic treatment as indicated by the patient's condition is recommended.
------------------	--

SECTION 5: FIREFIGHTING MEASURES

Extinguishing media

Suitable	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
-----------------	--

Unsuitable	High volume water jet
-------------------	-----------------------

Special hazards arising from the substance or mixture	Dangerous gases are evolved in the event of a fire., The product is combustible.
--	--

Advice for firefighters

Special protective equipment for firefighters	In the event of fire and/or explosion do not breathe fumes. Firefighters should wear NIOSH approved self-contained breathing apparatus and full protective clothing.
--	--

SAFETY DATA SHEET



BUCTRIL M EMULSIFIABLE SELECTIVE WEEDKILLER

4/14

Version 6.0 / CDN
102000002072

Revision Date: 07/03/2023
Print Date: 08/14/2024

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.

Specific hazards from the substance or mixture which can increase the fire

Flash point	66.1 °C
Auto-ignition temperature	> 450 °C / 842 °F The data refer to solvent naphtha petroleum.
Lower explosion limit	0.8 %(V) The data refer to solvent naphtha petroleum.
Upper explosion limit	7.00 %(V) The data refer to solvent naphtha petroleum.
Explosivity	No data available

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Precautions Keep unauthorized people away. Isolate hazard area. Remove all sources of ignition. 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.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle and open container in a manner as to prevent spillage. Use only in area provided with appropriate exhaust ventilation.

Advice on protection against fire and explosion Keep away from heat and sources of ignition. Vapours may form explosive mixture with air. Take measures to prevent the build up of

SAFETY DATA SHEET



BUCTRIL M EMULSIFIABLE SELECTIVE WEEDKILLER

5/14

Version 6.0 / CDN
102000002072

Revision Date: 07/03/2023
Print Date: 08/14/2024

electrostatic charge. Use only explosion-proof equipment.

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

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. Protect from freezing. Keep away from direct sunlight.

Advice on common storage Keep away from food, drink and animal feedingstuffs.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Components	CAS-No.	Control parameters	Update	Basis
Solvent Naphtha (petroleum), heavy aromatic (Non-aerosol.)	64742-94-5	200 mg/m3 (TWA)	06 2020	CAD BC OEL
Solvent Naphtha (petroleum), heavy aromatic (Non-aerosol.)	64742-94-5	200 mg/m3 (TWA)	01 2021	CAD MB OEL
Solvent Naphtha (petroleum), heavy aromatic (Non-aerosol.)	64742-94-5	200 mg/m3 (TWA)	01 2020	CAD ON OEL
Solvent Naphtha (petroleum), heavy aromatic (Vapor.)	64742-94-5	250 mg/m3 (15 MIN ACL)	05 2009	CAD SK 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)	11 2010	CAD ON OEL
Solvent Naphtha (petroleum), heavy aromatic	64742-94-5	200 mg/m3 (TWA)	03 2014	CAD MB OEL

SAFETY DATA SHEET



BUCTRIL M EMULSIFIABLE SELECTIVE WEEDKILLER

6/14

Version 6.0 / CDN
102000002072

Revision Date: 07/03/2023
Print Date: 08/14/2024

(Non-aerosol.)				
Solvent Naphtha (petroleum), heavy aromatic (Vapor.)	64742-94-5	200 mg/m3 (TWA)	08 2020	CAD AB OEL
Solvent Naphtha (petroleum), heavy aromatic	64742-94-5	525 mg/m3 (TWA)	11 2010	CAD ON OEL
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*
2-Methylpropan-1-ol	78-83-1	152 mg/m3/50 ppm (TWA)	07 2009	CAD AB OEL
2-Methylpropan-1-ol	78-83-1	50 ppm (TWA)	09 2011	CAD BC OEL
2-Methylpropan-1-ol	78-83-1	50 ppm (TWA)	03 2011	CAD MB OEL
2-Methylpropan-1-ol	78-83-1	50 ppm (TWA)	11 2010	CAD ON OEL
2-Methylpropan-1-ol	78-83-1	60 ppm (15 MIN ACL)	05 2009	CAD SK OEL
2-Methylpropan-1-ol	78-83-1	50 ppm (8 HR ACL)	05 2009	CAD SK OEL
2-Methylpropan-1-ol	78-83-1	152 mg/m3/50 ppm (TWA)	11 2011	OEL (QUE)

*OES BCS: Internal Bayer AG, Crop Science Division "Occupational Exposure Standard"

SAFETY DATA SHEET



BUCTRIL M EMULSIFIABLE SELECTIVE WEEDKILLER

7/14

Version 6.0 / CDN
102000002072

Revision Date: 07/03/2023
Print Date: 08/14/2024

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 based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industry recommendations.
Hand protection	Chemical-resistant gloves (barrier laminate, butyl rubber, nitrile rubber or Viton)
Eye protection	Safety glasses with side-shields
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
Colour	brown
Odour	aromatic
Odour Threshold	No data available
pH	No data available
Melting point/range	No data available
Boiling Point	149 °C
Flash point	66.1 °C
Flammability	No data available
Auto-ignition temperature	> 450 °C The data refer to solvent naphtha petroleum.
Thermal decomposition	No data available
Minimum ignition energy	Not applicable
Self-accelerating decomposition temperature (SADT)	No data available
Upper explosion limit	7.00 %(V) The data refer to solvent naphtha petroleum.

SAFETY DATA SHEET



BUCTRIL M EMULSIFIABLE SELECTIVE WEEDKILLER

8/14

Version 6.0 / CDN
102000002072

Revision Date: 07/03/2023
Print Date: 08/14/2024

Lower explosion limit	0.8 %(V) The data refer to solvent naphtha petroleum.
Vapour pressure	3.99 hPa (37 °C)
Evaporation rate	No data available
Relative vapour density	1.00 The data refer to solvent naphtha petroleum.
Relative density	No data available
Density	1.14 g/cm ³ (20 °C)
Water solubility	miscible
Partition coefficient: n-octanol/water	Bromoxynil octanoate, heptanoate mixed ester: log Pow: > 5.4 MCPA-2-ethylhexyl ester: log Pow: 2.8
Viscosity, dynamic	No data available
Viscosity, kinematic	No data available
Oxidizing properties	No data available
Explosivity	No data available
Other information	Further safety related physical-chemical data are not known.

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	No hazardous reactions when stored and handled according to prescribed instructions.
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	Eye contact, Skin contact, Inhalation, Ingestion
------------------------	--

SAFETY DATA SHEET



BUCTRIL M EMULSIFIABLE SELECTIVE WEEDKILLER

9/14

Version 6.0 / CDN
102000002072

Revision Date: 07/03/2023
Print Date: 08/14/2024

Immediate Effects

Eye	Not expected to produce significant adverse effects when recommended use instructions are followed.
Skin	Not expected to produce significant adverse effects when recommended use instructions are followed.
Ingestion	Harmful if swallowed.
Inhalation	Harmful if inhaled.

Information on toxicological effects

Acute oral toxicity	LD50 (male/female combined Rat) 1,261 mg/kg
Acute inhalation toxicity	LC50 (Rat) > 2.2 mg/l Exposure time: 4 h Determined in the form of liquid aerosol.
Acute dermal toxicity	LD50 (Rabbit) > 5,050 mg/kg
Skin corrosion/irritation	slight irritation (Rabbit)
Serious eye damage/eye irritation	Minimally irritating. (Rabbit)
Respiratory or skin sensitisation	Skin: Non-sensitizing. (Guinea pig)

Assessment STOT Specific target organ toxicity – single exposure

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

MCPA-2-ethylhexyl ester: Based on available data, the classification criteria are not met.

Assessment STOT Specific target organ toxicity – repeated exposure

Bromoxynil octanoate, heptanoate mixed ester 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.

MCPA-2-ethylhexyl ester did not cause specific target organ toxicity in experimental animal studies.

Assessment mutagenicity

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

MCPA-2-ethylhexyl ester was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.

Assessment carcinogenicity

Bromoxynil octanoate, heptanoate mixed ester 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.

MCPA-2-ethylhexyl ester 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

SAFETY DATA SHEET



BUCTRIL M EMULSIFIABLE SELECTIVE WEEDKILLER

10/14

Version 6.0 / CDN
102000002072

Revision Date: 07/03/2023
Print Date: 08/14/2024

Naphthalene

91-20-3

IARC

Solvent Naphtha (petroleum), heavy aromatic	64742-94-5	Overall evaluation: 3
Solvent Naphtha (petroleum), heavy aromatic	64742-94-5	Overall evaluation: 3
Solvent Naphtha (petroleum), heavy aromatic	64742-94-5	Overall evaluation: 3
Naphthalene	91-20-3	Overall evaluation: 2B

ACGIH

None.

NTP

None.

IARC

None.

OSHA

None.

Assessment toxicity to reproduction

Bromoxynil octanoate, heptanoate mixed ester did not cause reproductive toxicity in a two-generation study in rats.

MCPA-2-ethylhexyl ester did not cause reproductive toxicity in a two-generation study in rats.

Assessment developmental toxicity

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

MCPA-2-ethylhexyl ester caused developmental toxicity only at dose levels toxic to the dams. MCPA-2-ethylhexyl ester caused a delayed foetal growth.

Aspiration hazard

May be fatal if swallowed and enters airways.

Further information

Acute toxicity studies have not been performed on this product as formulated.

Acute toxicity studies have been bridged from a similar formulation(s).

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

No further toxicological information is available.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity to fish

LC50 (Oncorhynchus mykiss (rainbow trout)) 3.2 mg/l

Exposure time: 96 h

The value mentioned relates to the active ingredient MCPA 2-ethylhexyl ester.

LC50 (Oncorhynchus mykiss (rainbow trout)) 0.041 mg/l

SAFETY DATA SHEET



BUCTRIL M EMULSIFIABLE SELECTIVE WEEDKILLER

11/14

Version 6.0 / CDN
102000002072

Revision Date: 07/03/2023
Print Date: 08/14/2024

Toxicity to aquatic invertebrates

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.

EC50 (Daphnia magna (Water flea)) 0.28 mg/l
Exposure time: 48 h
The value mentioned relates to the active ingredient MCPA 2-ethylhexyl ester.

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.

Toxicity to aquatic plants

EC50 (Raphidocelis subcapitata (freshwater green alga)) 0.25 mg/l
Exposure time: 96 h
The value mentioned relates to the active ingredient MCPA 2-ethylhexyl ester.

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: 72 h
The value mentioned relates to the active ingredient bromoxynil heptanoate.

Biodegradability

Bromoxynil octanoate, heptanoate mixed ester:
Not rapidly biodegradable
MCPA-2-ethylhexyl ester:
rapidly biodegradable

Koc

Bromoxynil octanoate: Koc: 630

Bioaccumulation

Bromoxynil octanoate: Bioconcentration factor (BCF) 230
Does not bioaccumulate.
MCPA-2-ethylhexyl ester: Bioconcentration factor (BCF) 1
Does not bioaccumulate.

SAFETY DATA SHEET



BUCTRIL M EMULSIFIABLE SELECTIVE WEEDKILLER

12/14

Version 6.0 / CDN
102000002072

Revision Date: 07/03/2023
Print Date: 08/14/2024

Mobility in soil Bromoxynil octanoate, heptanoate mixed ester: Slightly mobile in soils
MCPA-2-ethylhexyl ester: Mobile in soils

Results of PBT and vPvB assessment

PBT and vPvB assessment Bromoxynil octanoate, heptanoate mixed ester: 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).
MCPA-2-ethylhexyl ester: 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 further ecological information is available.

Environmental precautions Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark.
Do not contaminate surface or ground water by cleaning equipment or disposal of wastes, including equipment wash water.
Do not allow to get into surface water, drains and ground water.
Do not apply when weather conditions favor runoff or drift.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Product Dispose in accordance with all local, state/provincial and federal regulations.

Contaminated packaging 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)

49CFR

NA-Number 1993
Packaging group III
Marine pollutant Marine pollutant
Proper shipping name COMBUSTIBLE LIQUID, N.O.S. (BROMOXYNIL, NAPHTHALENE)

SAFETY DATA SHEET



BUCTRIL M EMULSIFIABLE SELECTIVE WEEDKILLER

13/14

Version 6.0 / CDN
102000002072

Revision Date: 07/03/2023
Print Date: 08/14/2024

RQ Reportable Quantity is reached with 7,142 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 SOLUTION)

IATA

UN number	3082
Class	9
Packaging group	III
Environm. Hazardous Mark	YES
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BROMOXYNIL 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

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: Poison.

SAFETY DATA SHEET



BUCTRIL M EMULSIFIABLE SELECTIVE WEEDKILLER

14/14

Version 6.0 / CDN
102000002072

Revision Date: 07/03/2023
Print Date: 08/14/2024

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

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 - 2 Instability - 0 Others - none

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

Health - 1* Flammability - 2 Physical Hazard - 0 PPE -

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

Reason for Revision: The following sections have been revised: Section 3: Composition / Information on Ingredients. Section 8: Exposure Controls / Personal Protection. Section 11: Toxicological Information. Section 14: Transport Information. Section 15: Regulatory information. Section 16: Other Information. Reviewed and updated for general editorial purposes.

Revision Date: 07/03/2023

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

This information is provided in good faith but without express or implied warranty. The customer assumes all responsibility for safety and use not in accordance with label instructions. The product names are registered trademarks of Bayer.