

# SAFETY DATA SHEET



## HUSKIE® FX

Version 2.0 / USA  
102000031055

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Revision Date: 06/11/2021  
Print Date: 06/12/2021

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

#### Product identifier

**Trade name** HUSKIE® FX  
**Product code (UVP)** 85765868  
**SDS Number** 102000031055  
**EPA Registration No.** 264-1208

#### 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 LP  
800 North Lindbergh Blvd.  
St. Louis, MO 63167  
USA  
**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** 1-866-99BAYER (1-866-992-2937)

### SECTION 2: HAZARDS IDENTIFICATION

#### Classification in accordance with regulation HCS 29CFR §1910.1200

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 regulation HCS 29CFR §1910.1200



**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.

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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<b>Hazardous Component Name</b>	<b>CAS-No.</b>	<b>Concentration % by weight</b>
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-Ethylhexanol	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

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## SECTION 4: FIRST AID MEASURES

### Description of first aid measures

<b>General advice</b>	When possible, have the product container or label with you when calling a poison control center or doctor or going for treatment.
<b>Inhalation</b>	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.
<b>Skin contact</b>	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.
<b>Eye contact</b>	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.
<b>Ingestion</b>	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 (CO<sub>2</sub>)

**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 / 214.7 °F

**Auto-ignition temperature** No data available

**Lower explosion limit** No data available

**Upper explosion limit** No data available

**Explosivity** No 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/m <sup>3</sup> (SK-SEN)		OES BCS*
Mefenpyr-diethyl	135590-91-9	10 mg/m <sup>3</sup> (TWA)		OES BCS*
Solvent Naphtha (petroleum), heavy aromatic  (Non-aerosol.)	64742-94-5	200 mg/m <sup>3</sup> (TWA)	03 2014	ACGIH
Solvent Naphtha (petroleum), heavy aromatic	64742-94-5	100 mg/m <sup>3</sup> (REL)	2010	NIOSH
Solvent Naphtha (petroleum), heavy aromatic	64742-94-5	1,600 mg/m <sup>3</sup> /400 ppm (TWA PEL)	08 2010	US CA OEL
Naphthalene	91-20-3	10 ppm (TWA)	02 2012	ACGIH
Naphthalene	91-20-3	50 mg/m <sup>3</sup> /10 ppm (REL)	2010	NIOSH
Naphthalene	91-20-3	75 mg/m <sup>3</sup> /15 ppm (STEL)	2010	NIOSH
Naphthalene	91-20-3	50 mg/m <sup>3</sup> /10 ppm (PEL)	02 2006	OSHA Z1
Naphthalene	91-20-3	75 mg/m <sup>3</sup> /15 ppm	06 2008	TN OEL

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		(STEL)		
Naphthalene	91-20-3	50 mg/m <sup>3</sup> /10 ppm (TWA)	06 2008	TN OEL
Naphthalene	91-20-3	0.5 mg/m <sup>3</sup> /0.1 ppm (TWA PEL)	10 2014	US CA OEL
Naphthalene	91-20-3	10 ppm (TLV)		OES BCS*

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

### Biological occupational exposure limits

Components	CAS-No.	Parameters	Biological specimen	Sampling time	Conc.	Basis
Naphthalene	91-20-3	1-Naphthol, with hydrolysis + 2-Naphthol, with hydrolysis		Sampling time: End of shift.		ACGIH BEI

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

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<b>Melting point/range</b>	No data available
<b>Boiling Point</b>	No data available
<b>Flash point</b>	101.5 °C / 214.7 °F
<b>Flammability</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Thermal decomposition</b>	No data available
<b>Minimum ignition energy</b>	No data available
<b>Self-accelarating decomposition temperature (SADT)</b>	No data available
<b>Upper explosion limit</b>	No data available
<b>Lower explosion limit</b>	No data available
<b>Vapour pressure</b>	No data available
<b>Evaporation rate</b>	No data available
<b>Relative vapour density</b>	No data available
<b>Relative density</b>	No data available
<b>Density</b>	1.15 g/cm <sup>3</sup> (20 °C)
<b>Solubility/qualitative</b>	No data available
<b>Water solubility</b>	miscible
<b>Partition coefficient: n-octanol/water</b>	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)
<b>Viscosity, dynamic</b>	24.7 mPa.s (20 °C) Velocity gradient 20 /s
<b>Viscosity, kinematic</b>	No data available
<b>Oxidizing properties</b>	No data available
<b>Explosivity</b>	No data available

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## SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity</b>	Stable under normal conditions.
<b>Chemical stability</b>	Stable under recommended storage conditions.

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<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid</b>	Extremes of temperature and direct sunlight.
<b>Incompatible materials</b>	No incompatible materials known.
<b>Hazardous decomposition products</b>	No decomposition products expected under normal conditions of use.

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## SECTION 11: TOXICOLOGICAL INFORMATION

<b>Exposure routes</b>	Skin contact, Eye contact, Ingestion
<b>Immediate Effects</b>	
<b>Eye</b>	Moderate eye irritation.
<b>Skin</b>	Moderate skin irritation. May cause sensitisation by skin contact. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.
<b>Ingestion</b>	Harmful if swallowed.
<b>Information on toxicological effects</b>	
<b>Acute oral toxicity</b>	LD50 (Rat) 550 mg/kg
<b>Acute inhalation toxicity</b>	LC50 (Rat) 5.05 mg/l Exposure time: 4 h Determined in the form of liquid aerosol.
<b>Acute dermal toxicity</b>	No data available
<b>Skin corrosion/irritation</b>	Moderate skin irritation. (Rabbit)
<b>Serious eye damage/eye irritation</b>	Moderate eye irritation. (Rabbit)
<b>Respiratory or skin sensitisation</b>	Skin: Sensitising (Mouse) 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.



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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

Naphthalene	91-20-3
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### IARC

Naphthalene	91-20-3	Overall evaluation: 2B
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### 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.

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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).

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## 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.

### 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

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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

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.

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

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## 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.

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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.

### RCRA Information

Characterization and proper disposal of this material as a special or hazardous waste is dependent upon Federal, State and local laws and are the user's responsibility. RCRA classification may apply.

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## SECTION 14: TRANSPORT INFORMATION

### 49CFR

UN number	<b>3082</b>
Class	9
Packaging group	III
Marine pollutant	Marine pollutant
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	<b>3082</b>
Class	9
Packaging group	III
Marine pollutant	YES
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BROMOXYNIL, FLUROXYPYR-MEPTYL SOLUTION)

### IATA

UN number	<b>3082</b>
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.

Freight Classification: COMPOUNDS, TREE OR WEED KILLING, N.O.I. other than poison, HAVING A DENSITY OF 20 LBS OR GREATER PER CUBIC FOOT

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### SECTION 15: REGULATORY INFORMATION

**EPA Registration No.** 264-1208

#### US Federal Regulations

##### TSCA list

Solvent Naphtha (petroleum), heavy aromatic	64742-94-5
Propylene carbonate	108-32-7
Bromoxynil octanoate	1689-99-2
Fatty alcohol ethoxylate	78330-21-9
Oxirane, 2-methyl-, polymer with oxirane, mono[2,4,6-tris(1-phenylethyl)phenyl] ether	70880-56-7

Solvent Naphtha (petroleum), heavy aromatic	64742-94-5
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2-Ethylhexanol	104-76-7
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#### US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D)

No export notification needs to be made.

#### SARA Title III - Section 302 - Notification and Information

Not applicable.

#### SARA Title III - Section 313 - Toxic Chemical Release Reporting

Yes

#### US States Regulatory Reporting

##### CA Prop65

WARNING: This product contains a chemical known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Naphthalene	91-20-3
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WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Bromoxynil octanoate	1689-99-2	Developmental toxin.
Toluene	108-88-3	Developmental toxin.
Bromoxynil	1689-84-5	Developmental toxin.
N-Methyl-2-pyrrolidone	872-50-4	Developmental toxin.

#### US State Right-To-Know Ingredients

Solvent Naphtha (petroleum), heavy aromatic	64742-94-5	CT, NJ, RI
Bromoxynil octanoate	1689-99-2	CT, NJ
Solvent Naphtha (petroleum), heavy aromatic	64742-94-5	CT, NJ, RI
2-Ethylhexanol	104-76-7	CT

#### Environmental

##### CERCLA

None.

##### Clean Water Section 307(a)(1)

# SAFETY DATA SHEET



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Yes	
Naphthalene	91-20-3
Yes	
Toluene	108-88-3
<b>Safe Drinking Water Act Maximum Contaminant Levels</b>	
Yes	
Naphthalene	91-20-3
Yes	
Toluene	108-88-3

### EPA/FIFRA Information:

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information required on the pesticide label:

**Signal word:** Warning!

**Hazard statements:** May be fatal if absorbed through skin.  
Causes substantial but temporary eye injury.  
Causes skin irritation.  
Harmful if swallowed.

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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

# SAFETY DATA SHEET



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### 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 14: Transport Information.

**Revision Date:** 06/11/2021

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