

# SAFETY DATA SHEET



## HUSKIE® HERBICIDE

Version 5.0 / USA  
102000011554

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Revision Date: 02/11/2022  
Print Date: 02/12/2022

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

#### Product identifier

**Trade name** HUSKIE® HERBICIDE  
**Product code (UVP)** 79002149  
**SDS Number** 102000011554  
**EPA Registration No.** 264-1023

#### 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

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

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



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**Signal word:** Danger

### Hazard statements

May be fatal if swallowed and enters airways.  
Suspected of causing cancer.  
Suspected of damaging fertility or the unborn child.  
Causes eye irritation.  
Harmful if swallowed.  
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.  
Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
IF SWALLOWED: Immediately call a POISON CENTER/doctor/ physician.  
Do NOT induce vomiting.  
Rinse mouth.  
IF exposed or concerned: Get medical advice/ attention.  
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.  
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
Pyrasulfotole	365400-11-9	3.3
Bromoxynil octanoate	1689-99-2	13.4
Bromoxynil heptanoate	56634-95-8	12.9
Mefenpyr-diethyl	135590-91-9	0.82
Hydrocarbons, C10, aromatics, <1% naphthalene	64742-94-5	32.1
Propylene carbonate	108-32-7	15.0
Alcohols, C11-14-iso-, C13-rich, ethoxylated	78330-21-9	5.97
Calcium dodecylbenzenesulphonate	26264-06-2	3.9
2-Ethylhexanol	104-76-7	3.1
Naphthalene	91-20-3	3.2
Toluene	108-88-3	0.26
Bromoxynil	1689-84-5	0.14

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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** 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.

#### Advice for firefighters

**Special protective equipment for firefighters** Firefighters should wear NIOSH approved self-contained breathing apparatus and full protective clothing.

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<b>Further information</b>	Evacuate personnel to safe areas. Avoid contact with spilled product or contaminated surfaces. Keep out of smoke. Fight fire from upwind position. Do not allow run-off from fire fighting to enter drains or water courses.
<b>Flash point</b>	90 °C / 194 °F
<b>Auto-ignition temperature</b>	No data available
<b>Lower explosion limit</b>	No data available
<b>Upper explosion limit</b>	No data available
<b>Explosivity</b>	No data available

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Precautions** Remove all sources of ignition. Avoid contact with spilled product or contaminated surfaces. Use personal protective equipment.

### 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. Contaminated soil may have to be removed and disposed. Clean contaminated floors and objects thoroughly, observing environmental regulations.

**Additional advice** 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.

**Advice on protection against fire and explosion** Keep away from heat and sources of ignition.

**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. Before removing gloves clean them with soap and water. Remove soiled clothing immediately and clean thoroughly before

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using again. Wash thoroughly and put on clean clothing.

### Conditions for safe storage, including any incompatibilities

#### Requirements for storage areas and containers

Store in original container. Keep containers tightly closed in a cool, well-ventilated place. 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. Keep away from heat and sources of ignition. 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
Pyrasulfotole	365400-11-9	0.3 mg/m <sup>3</sup> (TWA)		OES BCS*
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*
Hydrocarbons, C10, aromatics, <1% naphthalene	64742-94-5	1,600 mg/m <sup>3</sup> /400 ppm (TWA PEL)	09 2006	US CA OEL
Hydrocarbons, C10, aromatics, <1% naphthalene (Non-aerosol.)	64742-94-5	200 mg/m <sup>3</sup> (TWA)	03 2014	ACGIH
Hydrocarbons, C10, aromatics, <1% naphthalene	64742-94-5	100 mg/m <sup>3</sup> (REL)	2010	NIOSH
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 (STEL)	06 2008	TN OEL
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*
Toluene	108-88-3	20 ppm	02 2012	ACGIH

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		(TWA)		
Toluene	108-88-3	375 mg/m <sup>3</sup> /100 ppm (REL)	2010	NIOSH
Toluene	108-88-3	560 mg/m <sup>3</sup> /150 ppm (STEL)	2010	NIOSH
Toluene	108-88-3	375 mg/m <sup>3</sup> /100 ppm (TWA)	1989	OSHA Z1A
Toluene	108-88-3	560 mg/m <sup>3</sup> /150 ppm (STEL)	1989	OSHA Z1A
Toluene	108-88-3	500 ppm (MAX. CONC)	02 2006	OSHA Z2
Toluene	108-88-3	200 ppm (TWA)	02 2006	OSHA Z2
Toluene	108-88-3	300 ppm (CEILING)	02 2006	OSHA Z2
Toluene	108-88-3	375 mg/m <sup>3</sup> /100 ppm (TWA)	06 2008	TN OEL
Toluene	108-88-3	580 mg/m <sup>3</sup> /150 ppm (STEL)	06 2008	TN OEL
Toluene	108-88-3	560 mg/m <sup>3</sup> /150 ppm (STEL)	08 2010	US CA OEL
Toluene	108-88-3	37 mg/m <sup>3</sup> /10 ppm (TWA PEL)	02 2012	US CA OEL
Toluene	108-88-3	500 ppm (CEILING)	08 2010	US CA OEL
Toluene	108-88-3	20 ppm (TLV)		OES BCS*
Bromoxynil	1689-84-5	0.21 mg/m <sup>3</sup> (SK-SEN)		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
Toluene	108-88-3	o-Cresol, with hydrolysis	Creatinine in urine	Sampling time: End of shift.	0.3 mg/g	ACGIH BEI
Toluene	108-88-3	toluene	Urine	Sampling time: End of shift.	0.03 mg/l	ACGIH BEI
Toluene	108-88-3	toluene	Blood	Sampling time: Prior to	0.02 mg/l	ACGIH BEI

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				last shift of work week.		
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### 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.

<b>Respiratory protection</b>	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.
<b>Hand protection</b>	Chemical-resistant gloves (barrier laminate, butyl rubber, nitrile rubber or Viton)
<b>Eye protection</b>	Tightly fitting safety goggles
<b>Skin and body protection</b>	Wear long-sleeved shirt and long pants and shoes plus socks.
<b>General protective measures</b>	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

<b>Form</b>	Liquid, clear
<b>Colour</b>	beige to brown
<b>Odor</b>	aromatic solvent-like
<b>pH</b>	ca. 3.9 (10 %) (23 °C) (deionized water)
<b>Melting point/range</b>	No data available
<b>Boiling Point</b>	No data available
<b>Flash point</b>	90 °C / 194 °F
<b>Flammability</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Minimum ignition energy</b>	No data available
<b>Self-accelerating decomposition temperature (SADT)</b>	No data available
<b>Upper explosion limit</b>	No data available
<b>Lower explosion limit</b>	No data available

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<b>Vapor 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>	1.14 g/cm <sup>3</sup> (20 °C)
<b>Water solubility</b>	No data available
<b>Partition coefficient: n-octanol/water</b>	Pyrasulfotole: log Pow: -1.362 Bromoxynil octanoate: log Pow: 5.4 Bromoxynil heptanoate: log Pow: 5.9 Mefenpyr-diethyl: log Pow: 3.83 (21 °C)
<b>Viscosity, dynamic</b>	19.8 mPa.s (25 °C)
<b>Viscosity, kinematic</b>	No data available
<b>Explosivity</b>	No data available
<b>Other information</b>	Further safety related physical-chemical data are not known.

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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.
<b>Possibility of hazardous reactions</b>	No hazardous reactions when stored and handled according to prescribed instructions.
<b>Conditions to avoid</b>	Heat, flames and sparks. 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>	Eye contact, Skin Absorption, Ingestion, Inhalation
<b>Immediate Effects</b>	
<b>Eye</b>	Causes moderate eye irritation.



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**Skin** Harmful if absorbed through skin.

**Ingestion** May be fatal if swallowed.

**Inhalation** Harmful if inhaled.

### Information on toxicological effects

**Acute oral toxicity** LD50 (female Rat) > 300 - < 2,000 mg/kg

**Acute inhalation toxicity** LC50 (male/female combined Rat) > 5 mg/l  
Exposure time: 4 h  
Determined in the form of liquid aerosol.  
Highest attainable concentration.

**Acute dermal toxicity** LD50 (male/female combined Rat) > 4,000 mg/kg

**Skin corrosion/irritation** Mild skin irritation. (Rabbit)

**Serious eye damage/eye irritation** Moderate eye irritation. (Rabbit)

**Respiratory or skin sensitisation** Skin: Non-sensitizing. (Guinea pig)

### Assessment STOT Specific target organ toxicity – single exposure

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

Bromoxynil octanoate: 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

Pyrasulfotole did not cause specific target organ toxicity in experimental animal studies.

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.

Mefenpyr-diethyl did not cause specific target organ toxicity in experimental animal studies.

### Assessment mutagenicity

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

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.

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

### Assessment carcinogenicity

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.

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.

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

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### ACGIH

Hydrocarbons, C10, aromatics, <1% naphthalene	64742-94-5	Group A3
Naphthalene	91-20-3	Group A3
Toluene	108-88-3	Group A4

### NTP

Naphthalene	91-20-3
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### IARC

Naphthalene	91-20-3	Overall evaluation: 2B
Toluene	108-88-3	Overall evaluation: 3

### Assessment toxicity to reproduction

Pyrasulfotole did not cause reproductive toxicity in a two-generation study in rats.  
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.  
Mefenpyr-diethyl did not cause reproductive toxicity in a two-generation study in rats.

### Assessment developmental toxicity

Pyrasulfotole did not cause developmental toxicity in rats and rabbits.  
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.  
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

Acute toxicity studies have been bridged from a similar formulation(s).  
The non-acute information pertains to the active ingredient(s).

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## SECTION 12: ECOLOGICAL INFORMATION

### Toxicity to fish

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.

### Toxicity to aquatic

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

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<b>invertebrates</b>	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.
<b>Toxicity to aquatic plants</b>	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.
<b>Biodegradability</b>	Pyrasulfotole: Not rapidly biodegradable Bromoxynil octanoate: Not rapidly biodegradable Bromoxynil heptanoate: Not rapidly biodegradable Mefenpyr-diethyl: Not rapidly biodegradable
<b>Koc</b>	Pyrasulfotole: Koc: 20 - 213; log Koc: 2.34 Bromoxynil octanoate: Koc: 639 Bromoxynil heptanoate: Koc: ca. 600 Mefenpyr-diethyl: Koc: 625
<b>Bioaccumulation</b>	Pyrasulfotole: Does not bioaccumulate. Bromoxynil octanoate: Bioconcentration factor (BCF) 230 Does not bioaccumulate. Bromoxynil heptanoate: No data available, Does not bioaccumulate. Mefenpyr-diethyl: Bioconcentration factor (BCF) 232 Does not bioaccumulate.
<b>Mobility in soil</b>	Pyrasulfotole: Moderately mobile in soils Bromoxynil octanoate: Slightly mobile in soils Bromoxynil heptanoate: Slightly mobile in soils Mefenpyr-diethyl: Slightly mobile in soils
<b>Results of PBT and vPvB assessment</b>	
<b>PBT and vPvB assessment</b>	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). Bromoxynil octanoate: This substance is not considered to be

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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).  
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 apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark.  
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.  
Do not apply when weather conditions favor runoff or drift.  
Drift or runoff from treated areas may adversely affect non-target plants.

## SECTION 13: DISPOSAL CONSIDERATIONS

### Waste treatment methods

#### Product

Dispose in accordance with all local, state/provincial and federal regulations.  
Never place unused product down any indoor or outdoor drain.  
Follow advice on product label and/or leaflet.

#### Contaminated packaging

Do not re-use empty containers.  
Triple rinse containers.  
Completely empty container into application equipment, then dispose of empty container in a sanitary landfill, by incineration or by other procedures approved by state/provincial and local authorities.  
If burned, stay out of smoke.  
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.

## SECTION 14: TRANSPORT INFORMATION

### 49CFR

NA-Number  
Packaging group  
Marine pollutant  
Proper shipping name

**1993**  
III  
Marine pollutant  
COMBUSTIBLE LIQUID, N.O.S.  
(BROMOXYNIL, PETROLEUM DISTILLATES, NAPHTHALENE)  
Reportable Quantity is reached with 3,125 lb of product.

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### IMDG

UN number	3082
Class	9
Packaging group	III
Marine pollutant	YES
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BROMOXYNIL, PETROLEUM DISTILLATES 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, PETROLEUM DISTILLATES 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

<b>EPA Registration No.</b>	264-1023
<b>US Federal Regulations</b>	
<b>TSCA list</b>	
Hydrocarbons, C10, aromatics, <1% naphthalene	64742-94-5
Propylene carbonate	108-32-7
Bromoxynil octanoate	1689-99-2
Alcohols, C11-14-iso-, C13-rich, ethoxylated	78330-21-9
Solvent Naphtha (petroleum), heavy aromatic	64742-94-5
Calcium dodecylbenzenesulphonate	26264-06-2
2-Ethylhexanol	104-76-7
Soybean oil, epoxidized	8013-07-8
Oxirane, 2-methyl-, polymer with oxirane, mono[2,4,6-tris(1-phenylethyl)phenyl] ether	70880-56-7
Castor oil, ethoxylated	61791-12-6

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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

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.
Hydrogen cyanide	74-90-8	Male reproductive toxin.

### US State Right-To-Know Ingredients

Hydrocarbons, C10, aromatics, <1% naphthalene	64742-94-5	CT, NJ, RI
Bromoxynil octanoate	1689-99-2	CT, NJ
Solvent Naphtha (petroleum), heavy aromatic	64742-94-5	CT, NJ, RI
Calcium dodecylbenzenesulphonate	26264-06-2	CA, CT, IL, NJ
2-Ethylhexanol	104-76-7	CT

### Environmental

#### CERCLA

Yes

Calcium dodecylbenzenesulphonate 26264-06-2

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

Yes

Naphthalene 91-20-3

Yes

Toluene 108-88-3

#### Safe Drinking Water Act Maximum Contaminant Levels

Yes

Naphthalene 91-20-3

Yes

Toluene 108-88-3

### EPA/FIFRA Information:

This chemical is a pesticide product regulated by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification

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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 swallowed.  
Harmful if inhaled or absorbed through skin.  
Causes moderate eye irritation.

### 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 - 1      Flammability - 2      Instability - 1      Others - none

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

Health - 1      Flammability - 2      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 7: Handling and Storage.  
Reviewed and updated for general editorial purposes.

**Revision Date:** 02/11/2022

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

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