

SAFETY DATA SHEET



PROGRASS® HERBICIDE

Version 5.0 / USA
10200000915

1/15
Revision Date: 02/07/2020
Print Date: 02/08/2020

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

Product identifier

Trade name PROGRASS® HERBICIDE
Product code (UVP) 05934648
SDS Number 102000000915
EPA Registration No. 432-941

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 Environmental Science
A division of Bayer CropScience LP
500 Centregreen Way, Suite 400
Cary, NC 27513
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 1-800-331-2867

SECTION 2: HAZARDS IDENTIFICATION

Classification in accordance with regulation HCS 29CFR §1910.1200

Flammable liquids: Category 2
Serious eye damage: Category 1
Carcinogenicity, Specific target organ toxicity - repeated exposure, Reproductive toxicity: Category 2
Specific target organ toxicity - single exposure: Category 3
Aspiration hazard: Category 1

Labelling in accordance with regulation HCS 29CFR §1910.1200



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Signal word: Danger

Hazard statements

Suspected of causing cancer.
Causes serious eye damage.
Flammable liquid and vapour.
May cause respiratory irritation.
Causes damage to organs through prolonged or repeated exposure.
Suspected of damaging fertility or the unborn child.
May be fatal if swallowed and enters airways.

Precautionary statements

Do not handle until all safety precautions have been read and understood.
Obtain special instructions before use.
Wear protective gloves/ protective clothing/ eye protection/ face protection.
Keep away from open flames/hot surfaces. - No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ ventilating/ lighting/ equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Use only outdoors or in a well-ventilated area.
Do not breathe gas/ mist/ vapours/ spray.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER/doctor/ physician.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
IF exposed or concerned: Get medical advice/ attention.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTER/doctor/physician if you feel unwell.
Get medical advice/ attention if you feel unwell.
IF SWALLOWED: Immediately call a POISON CENTER/doctor/ physician.
Do NOT induce vomiting.
Store in a well-ventilated place. Keep container tightly closed.
Keep cool.
Store locked up.
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

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Hazardous Component Name	CAS-No.	Concentration % by weight
Ethofumesate	26225-79-6	19.0
Cyclohexanone	108-94-1	15.0
Xylene	1330-20-7	47.9
Solvent Naphtha (petroleum), heavy aromatic,<1%	64742-94-5	1.13
Naphthalene		
Ethylbenzene	100-41-4	11.41
Naphthalene	91-20-3	0.14
Branched calcium dodecyl benzene sulfonate	68953-96-8	1.17
Toluene	108-88-3	0.57

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	Local:, Severe irritation Systemic:, To date no symptoms are known.
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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 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.

Further information Keep out of smoke. Fight fire from upwind position. Remove product from areas of fire, or otherwise cool containers with water in order to avoid pressure being built up due to heat. Do not allow run-off from fire fighting to enter drains or water courses. Whenever possible, contain fire-fighting water by diking area with sand or earth.

Flash point 29 °C

Auto-ignition temperature > 480 °C / 896 °F
The data refer to the solvent.

Lower explosion limit 1.1 %(V)
The data refer to the solvent.

Upper explosion limit 6.6 %(V)
The data refer to the solvent.

Explosivity Not applicable

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. Remove all sources of ignition.

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 floors and contaminated objects with plenty of water.

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Additional advice	Use personal protective equipment. Do not allow product to contact non-target plants. If the product is accidentally spilled, do not allow to enter soil, waterways or waste water canal.
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 Ensure adequate 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. Vapours may form explosive mixture with air. Take measures to prevent the build up of 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. Before removing gloves clean them with soap and water. 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.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Components	CAS-No.	Control parameters	Update	Basis
Ethofumesate	26225-79-6	10 mg/m ³ (TWA)		OES BCS*
Cyclohexanone	108-94-1	20 ppm (TWA)	02 2012	ACGIH
Cyclohexanone	108-94-1	50 ppm (STEL)	02 2012	ACGIH
Cyclohexanone	108-94-1	100 mg/m ³ /25 ppm (REL)	2010	NIOSH
Cyclohexanone	108-94-1	200 mg/m ³ /50 ppm (PEL)	02 2006	OSHA Z1
Cyclohexanone	108-94-1	100 mg/m ³ /25 ppm (TWA)	1989	OSHA Z1A

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Cyclohexanone	108-94-1	100 mg/m ³ /25 ppm (TWA)	06 2008	TN OEL
Cyclohexanone	108-94-1	100 mg/m ³ /25 ppm (TWA PEL)	08 2010	US CA OEL
Xylene	1330-20-7	100 ppm (TWA)	02 2012	ACGIH
Xylene	1330-20-7	150 ppm (STEL)	02 2012	ACGIH
Xylene	1330-20-7	435 mg/m ³ /100 ppm (REL)	2016	NIOSH
Xylene	1330-20-7	655 mg/m ³ /150 ppm (STEL)	2016	NIOSH
Xylene	1330-20-7	435 mg/m ³ /100 ppm (PEL)	02 2006	OSHA Z1
Xylene	1330-20-7	435 mg/m ³ /100 ppm (TWA)	06 2008	TN OEL
Xylene	1330-20-7	655 mg/m ³ /150 ppm (STEL)	01 2019	TN OEL
Xylene	1330-20-7	300 ppm (CEILING)	08 2010	US CA OEL
Xylene	1330-20-7	655 mg/m ³ /150 ppm (STEL)	08 2010	US CA OEL
Xylene	1330-20-7	435 mg/m ³ /100 ppm (TWA PEL)	08 2010	US CA OEL
Xylene	1330-20-7	100 ppm (TLV)		OES BCS*
Solvent Naphtha (petroleum), heavy aromatic, <1% Naphthalene (Non-aerosol.)	64742-94-5	200 mg/m ³ (TWA)	03 2014	ACGIH
Solvent Naphtha (petroleum), heavy aromatic, <1% Naphthalene	64742-94-5	100 mg/m ³ (REL)	2010	NIOSH
Solvent Naphtha (petroleum), heavy aromatic, <1% Naphthalene	64742-94-5	1,600 mg/m ³ /400 ppm (TWA PEL)	08 2010	US CA OEL
Ethylbenzene	100-41-4	20 ppm (TWA)	02 2012	ACGIH
Ethylbenzene	100-41-4	435 mg/m ³ /100 ppm (REL)	2010	NIOSH
Ethylbenzene	100-41-4	545 mg/m ³ /125 ppm (STEL)	2010	NIOSH
Ethylbenzene	100-41-4	435 mg/m ³ /100 ppm (PEL)	02 2006	OSHA Z1
Ethylbenzene	100-41-4	435 mg/m ³ /100 ppm (TWA)	06 2008	TN OEL

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Ethylbenzene	100-41-4	545 mg/m ³ /125 ppm (STEL)	01 2019	TN OEL
Ethylbenzene	100-41-4	130 mg/m ³ /30 ppm (STEL)	09 2013	US CA OEL
Ethylbenzene	100-41-4	22 mg/m ³ /5 ppm (TWA PEL)	09 2013	US CA OEL
Naphthalene	91-20-3	10 ppm (TWA)	02 2012	ACGIH
Naphthalene	91-20-3	50 mg/m ³ /10 ppm (REL)	2010	NIOSH
Naphthalene	91-20-3	75 mg/m ³ /15 ppm (STEL)	2010	NIOSH
Naphthalene	91-20-3	50 mg/m ³ /10 ppm (PEL)	02 2006	OSHA Z1
Naphthalene	91-20-3	75 mg/m ³ /15 ppm (STEL)	06 2008	TN OEL
Naphthalene	91-20-3	50 mg/m ³ /10 ppm (TWA)	06 2008	TN OEL
Naphthalene	91-20-3	0.5 mg/m ³ /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 (TWA)	02 2012	ACGIH
Toluene	108-88-3	375 mg/m ³ /100 ppm (REL)	2010	NIOSH
Toluene	108-88-3	560 mg/m ³ /150 ppm (STEL)	2010	NIOSH
Toluene	108-88-3	375 mg/m ³ /100 ppm (TWA)	1989	OSHA Z1A
Toluene	108-88-3	560 mg/m ³ /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 ³ /100 ppm (TWA)	06 2008	TN OEL
Toluene	108-88-3	580 mg/m ³ /150 ppm (STEL)	06 2008	TN OEL
Toluene	108-88-3	560 mg/m ³ /150 ppm (STEL)	08 2010	US CA OEL
Toluene	108-88-3	37 mg/m ³ /10 ppm (TWA PEL)	02 2012	US CA OEL
Toluene	108-88-3	500 ppm (CEILING)	08 2010	US CA OEL

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Toluene	108-88-3	20 ppm (TLV)		OES BCS*
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*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
Cyclohexanone	108-94-1	1,2-Cyclohexane diol, with hydrolysis	Urine	Sampling time: End of shift at end of work week.	80 mg/l	ACGIH BEI
Cyclohexanone	108-94-1	Cyclohexanol, with hydrolysis	Urine	Sampling time: End of shift.	8 mg/l	ACGIH BEI
Xylene	1330-20-7	Methylhippuric acids	Creatinine in urine	Sampling time: End of shift.	1.5 g/g	ACGIH BEI
Ethylbenzene	100-41-4	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in urine	Sampling time: End of shift.	0.15 g/g	ACGIH BEI
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	Blood	Sampling time: Prior to last shift of work week.	0.02 mg/l	ACGIH BEI
Toluene	108-88-3	toluene	Urine	Sampling time: End of shift.	0.03 mg/l	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

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Eye protection	Use tightly sealed goggles and face protection.
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

Appearance	yellow to brown
Physical State	clear Liquid
Odor	aromatic
Odour Threshold	No data available
pH	No data available
Viscosity, kinematic	No data available
Vapor Pressure	10 mbar / 7.5 mm Hg (20 °C) The data refer to the solvent.
Vapor Density (Air = 1)	3.7 The data refer to the solvent.
Density	ca. 0.95 g/cm ³ (20 °C)
Evaporation rate	No data available
Boiling Point	137 - 141 °C / 278.6 - 285.8 °F Information refers to the solvent.
Melting / Freezing Point	No data available
Water solubility	miscible
Minimum Ignition Energy	Not applicable
Decomposition temperature	Stable under normal conditions.
Self-accelerating decomposition temperature (SADT)	No data available
Partition coefficient: n-octanol/water	Not applicable
Flammability	No data available
Flash point	29 °C
Auto-ignition temperature	> 480 °C / 896 °F The data refer to the solvent.
Lower explosion limit	1.1 %(V) The data refer to the solvent.

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Upper explosion limit	6.6 %(V) The data refer to the solvent.
Explosivity	Not applicable
Particle size	No data available
Other information	Further safety related physical-chemical data are not known.

SECTION 10: STABILITY AND REACTIVITY

Reactivity

Thermal decomposition	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. Heat, flames and sparks.
Incompatible materials	No data available
Hazardous decomposition products	No decomposition products expected under normal conditions of use.

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes	Eye contact, Skin Absorption, Inhalation, Ingestion
Immediate Effects	
Eye	Corrosive - causes irreversible eye damage.
Skin	May be harmful if absorbed through skin.
Ingestion	May be harmful if swallowed.
Inhalation	May be harmful if inhaled.
Information on toxicological effects	
Acute oral toxicity	LD50 (Rat) > 5,660 mg/kg
Acute inhalation toxicity	LC50 (male/female combined Rat) > 5.4 mg/l Exposure time: 4 h Determined in the form of liquid aerosol.
Acute dermal toxicity	LD50 (Rat) > 4,000 mg/kg
Skin corrosion/irritation	slight irritation (Rabbit)
Serious eye damage/eye	Severe eye irritation. (Rabbit)

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irritation

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

Assessment STOT Specific target organ toxicity – single exposure

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

Xylene: May cause respiratory irritation.

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

Assessment STOT Specific target organ toxicity – repeated exposure

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

Xylene : May cause damage to organs through prolonged or repeated exposure.

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

Assessment mutagenicity

Ethofumesate was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.

Xylene was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.

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

Assessment carcinogenicity

Ethofumesate was not carcinogenic in lifetime feeding studies in rats and mice.

Xylene was not carcinogenic in lifetime feeding studies in rats and mice.

Cyclohexanone is not considered carcinogenic.

ACGIH

Cyclohexanone	108-94-1	Group A3
Xylene	1330-20-7	Group A4
Solvent Naphtha (petroleum), heavy aromatic, <1% Naphthalene	64742-94-5	Group A3
Ethylbenzene	100-41-4	Group A3
Naphthalene	91-20-3	Group A3
Toluene	108-88-3	Group A4

NTP

Naphthalene	91-20-3
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IARC

Cyclohexanone	108-94-1	Overall evaluation: 3
Xylene	1330-20-7	Overall evaluation: 3
Ethylbenzene	100-41-4	Overall evaluation: 2B
Naphthalene	91-20-3	Overall evaluation: 2B
Toluene	108-88-3	Overall evaluation: 3

OSHA

None.

Assessment toxicity to reproduction

Ethofumesate did not cause reproductive toxicity in a two-generation study in rats.

Xylene did not cause reproductive toxicity in a two-generation study in rats.

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Cyclohexanone did not cause reproductive toxicity in a two-generation study in rats.

Assessment developmental toxicity

Ethofumesate did not cause developmental toxicity in rats and rabbits.
Xylene caused developmental toxicity only at dose levels toxic to the dams. The developmental effects seen with Xylene are related to maternal toxicity.
Cyclohexanone did not cause developmental toxicity in rats and rabbits.

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).

SECTION 12: ECOLOGICAL INFORMATION

Toxicity to fish	LC50 (Danio rerio (Zebra fish)) 45 mg/l Exposure time: 96 h
Toxicity to aquatic invertebrates	EC50 (Daphnia magna (Water flea)) 93.2 mg/l Exposure time: 48 h
Toxicity to aquatic plants	IC50 (Desmodesmus subspicatus (green algae)) 3.9 mg/l Exposure time: 72 h The value mentioned relates to the active ingredient ethofumesate. EC50 (Lemna minor (common duckweed)) 50.4 mg/l Biomass; Exposure time: 336 h The value mentioned relates to the active ingredient ethofumesate. EC50 (Lemna minor (common duckweed)) > 52.8 mg/l Growth rate; Exposure time: 336 h The value mentioned relates to the active ingredient ethofumesate.
Biodegradability	Ethofumesate: Not rapidly biodegradable
Koc	Ethofumesate: Koc: 147
Bioaccumulation	Ethofumesate: Bioconcentration factor (BCF) 144 Does not bioaccumulate.
Mobility in soil	Ethofumesate: Moderately mobile in soils
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 apply when weather conditions favor runoff or drift. Do not contaminate surface or ground water by cleaning equipment or disposal of wastes, including equipment wash water.

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Apply this product as specified on the label.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Product	Dispose in accordance with all local, state/provincial and federal regulations. Pesticide, spray mixture or rinse water that cannot be used according to label instructions may be disposed of on site or at an approved waste disposal facility.
Contaminated packaging	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.

SECTION 14: TRANSPORT INFORMATION

49CFR

UN number	1993
Class	3
Packaging group	III
Proper shipping name	FLAMMABLE LIQUIDS, N.O.S. (XYLENE, CYCLOHEXANONE)
RQ	Reportable Quantity is reached with 165 lb of product.

IMDG

UN number	1993
Class	3
Packaging group	III
Marine pollutant	NO
Proper shipping name	FLAMMABLE LIQUID, N.O.S. (XYLENE SOLUTION)

IATA

UN number	1993
Class	3
Packaging group	III
Environm. Hazardous Mark	NO
Proper shipping name	FLAMMABLE LIQUID, N.O.S. (XYLENE 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.

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

SECTION 15: REGULATORY INFORMATION

EPA Registration No. 432-941

US Federal Regulations

TSCA list

xylene	1330-20-7
Cyclohexanone	108-94-1
Ethylbenzene	100-41-4
Branched calcium dodecyl benzene sulfonate	68953-96-8
Solvent Naphtha (petroleum), heavy aromatic	64742-94-5

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

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.

Ethylbenzene	100-41-4
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.

Toluene	108-88-3	Developmental toxin.
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US State Right-To-Know Ingredients

xylene	1330-20-7	CA, CT, IL, MI, MN, NJ, RI
Cyclohexanone	108-94-1	CA, CT, IL, MN, NJ, RI
Ethylbenzene	100-41-4	CA, CT, IL, MN, NJ, RI
Solvent Naphtha (petroleum), heavy aromatic	64742-94-5	CT, NJ, RI

None.

EPA/FIFRA Information:

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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: Danger!

Hazard statements: Corrosive - causes irreversible eye damage.
Causes skin irritation.
Do not get in eyes, on skin, or on clothing.

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 - 3 Flammability - 3 Instability - 0 Others - none

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

Health - 3 Flammability - 3 Physical Hazard - 0 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.
Reviewed and updated for general editorial purposes.

Revision Date: 02/07/2020

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