

# **Safety Data Sheet**

Issue date 23-Oct-2024 Version 3

# 1. Identification of the Substance/Preparation and of the Company/Undertaking

**Product Identifier** 

Product name CHAMPION SPRAYON FIELD MARKING & STRIPING PAINT FLAT BLACK

Chemical name 6-6250

Other means of identification

Product code FG 419-4825-5 Synonyms Spray Paint

Recommended use of the chemical and restrictions on use

**Recommended Use** Field and pavement marking and striping paints.

Uses advised against Do not use on surfaces that are wet, cover with dust, dirt, grease, wax or loose paint.

Details of the supplier of the safety data sheet

Supplier AddressManufacturer AddressChase Products Co.Chase Products Co.2727 Gardner Road2727 Gardner RoadBroadview, IL 60155Broadview, IL 60155

708-865-1000 708-865-1000

**Emergency Telephone Number** 

**Company Phone Number** 708-865-1000 **24 Hour Emergency Phone Number** 1-800-255-3924

Emergency telephone ChemTel 1-800-255-3924

# 2. Hazards Identification

# Classification

Serious eye damage/eye irritation	Category 2
Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1B
Aspiration toxicity	Category 1
FLAMMABLE AEROSOLS	Category 1
Gases Under Pressure	liquefied gas

# **Label Elements**

#### **EMERGENCY OVERVIEW**

# DANGER

# hazard statements

Causes serious eye irritation
May cause genetic defects
May cause cancer

May be fatal if swallowed and enters airways
EXTREMELY FLAMMABLE AEROSOL

Contains gas under pressure; may explode if heated



Appearance Black liquid. Physical State Aerosol Odor Characteristic odor of paint.

#### **Precautionary Statements - Prevention**

Obtain special instructions before use

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

Wear protective gloves, protective clothing, eye protection and face protection.

Wash face, hands and any exposed skin thoroughly after handling

Keep away from heat, sparks, open flames and hot surfaces. — No smoking

Pressurized container: Do not pierce or burn, even after use

Do not spray on an open flame or other ignition source

# **Precautionary Statements - Response**

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

IF SWALLOWED: Immediately call a POISON CENTER or doctor

Do NOT induce vomiting

# **Precautionary Statements - Storage**

Store locked up

Protect from sunlight. Store in a well-ventilated place

Do not expose to temperatures exceeding 122 °F (50 °C)

# **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

# Hazards not otherwise classified (HNOC)

# Other Information

- Causes mild skin irritation
- · Toxic to aquatic life with long lasting effects
- 4.16% of the mixture consists of ingredient(s) of unknown toxicity

# 3. Composition/information on Ingredients

SynonymsSpray Paint.Chemical FamilyMIXTURES.Formula6-6250

Chemical name	CAS No	weight-%	Trade secret
Water	7732-18-5	35-40	*
Low Odor Mineral Spirits	64742-47-8	10-15	*
Calcium Carbonate	471-34-1	10-15	*
Acetone	67-64-1	10-15	*
Propane	74-98-6	5-10	*
N-Butane	106-97-8	1-5	*
Light Aliphatic Naphtha	64742-49-0	1-5	*
Carbon BLACK	1333-86-4	1-5	*
Xylenes (o-, m-, p- isomers)	1330-20-7	1-5	*
Solvent Naphtha	64742-89-9	<1	*

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Ethylbenzene	100-41-4	<1	*
Petroleum naphtha, light aromatic	64742-95-6	<1	*

<sup>\*</sup> The exact percentage (concentration) of composition has been withheld as a trade secret.

# 4. First aid measures

# **FIRST AID MEASURES**

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 poison control

center or doctor for treatment advice.

**Skin contact** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20

minutes. Call a poison control center or doctor for treatment advise.

**Inhalation** If overcome by vapor, move person to fresh air. If person is not breathing, call 911 or an

ambulance, then provide artifical respiration, preferably mouth-to-mouth, if possible. Call a

poison control center or doctor for further treatment advise.

**Ingestion** Call a poison control center or doctor for treatment advice. Have person sip a glass of water

if able to swallow. Do not induce vomiting unless told to do so by a poison control center or

doctor. Do not give anything by mouth to an unconscious person.

#### Most important symptoms and effects, both acute and delayed

Symptoms Acute: Prolonged inhalation of concentrated vapor or mist may cause headaches, dizziness

and nausea. Prolonged and repeated contact with skin may cause irritation and reddening.

Contact with eyes causes irritation.

# Indication of any immediate medical attention and special treatment needed

Note to physicians Contains petroleum distillates, do not induce vomiting because of aspiration neumonia

hazard.

# 5. Fire-fighting measures

# Suitable extinguishing media

Dry chemical, CO2 or water spray.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

# Specific hazards arising from the chemical

This product is under pressure. Water spray may be used to cool cans in the vicinity of fire or excessive heat to prevent the explosion of the cans.

Hazardous combustion products Thermal decomposition may yield gases like nitrogen oxides, carbon monoxide and carbon

dioxide.

# **Explosion data**

Sensitivity to Mechanical Impact Contents under pressure. This product is extremely flammable. Keep away from heat,

sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static

electricity).

Sensitivity to Static Discharge Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric

motors and static electricity).

# Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

#### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

prolonged occupational over exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. To avoid breathing vapor or spray mist open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air or wear an appropriate, properly

fitted respirator (NIOSH approved), or leave the area. NOTE: Follow respirator

manufacturer's instructions carefully for respirator use.

For emergency responders Remove all sources of ignition.

**Environmental precautions** 

**Environmental precautions** See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

**Methods for Containment** Provide adequate ventilation to area being treated. Soak up spills with chemically inert,

absorbent material.

Methods for cleaning up Clean contaminated surface thoroughly.

# 7. Handling and Storage

Precautions for safe handling

Advice on safe handling Handle as an extremely flammable material. Avoid contact with skin, eyes and clothing.

Store cans in a cool, dry place away from heat and open flame.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric

motors and static electricity). AEROSOL STORAGE LEVEL III (NFPA-30B).

Incompatible Materials Avoid heat, open flame and contact with strong acids, strong bases and strong oxidizers.

# 8. Exposure Controls/Personal Protection

#### Control parameters

**Exposure guidelines** See occupational exposure limits listed below.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Calcium Carbonate	-	-	TWA: 10 mg/m³ total dust
471-34-1			TWA: 5 mg/m <sup>3</sup> respirable dust
Acetone	STEL: 500 ppm	TWA: 1000 ppm	IDLH: 2500 ppm
67-64-1	TWA: 250 ppm	TWA: 2400 mg/m <sup>3</sup>	TWA: 250 ppm
		(vacated) TWA: 750 ppm	TWA: 590 mg/m <sup>3</sup>
		(vacated) TWA: 1800 mg/m <sup>3</sup>	
		(vacated) STEL: 2400 mg/m <sup>3</sup>	
		The acetone STEL does not apply	
		to the cellulose acetate fiber	
		industry. It is in effect for all other	
		sectors.	
		(vacated) STEL: 1000 ppm	
Propane	: See Appendix F: Minimal	TWA: 1000 ppm	IDLH: 2100 ppm
74-98-6	Oxygen Content, explosion hazard	TWA: 1800 mg/m <sup>3</sup>	TWA: 1000 ppm

		(vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m <sup>3</sup>	TWA: 1800 mg/m <sup>3</sup>
N-Butane 106-97-8	STEL: 1000 ppm explosion hazard	(vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	IDLH: 1600 ppm TWA: 800 ppm TWA: 1900 mg/m <sup>3</sup>
Carbon BLACK 1333-86-4	TWA: 3 mg/m³ inhalable particulate matter	TWA: 3.5 mg/m³ (vacated) TWA: 3.5 mg/m³	IDLH: 1750 mg/m³ TWA: 3.5 mg/m³ TWA: 0.1 mg/m³ Carbon black in presence of Polycyclic aromatic hydrocarbons PAH
Xylenes (o-, m-, p- isomers) 1330-20-7	TWA: 20 ppm	TWA: 100 ppm TWA: 435 mg/m³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m³ (vacated) STEL: 150 ppm (vacated) STEL: 655 mg/m³	-
Ethylbenzene 100-41-4	TWA: 20 ppm	TWA: 100 ppm TWA: 435 mg/m³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m³ (vacated) STEL: 125 ppm (vacated) STEL: 545 mg/m³	IDLH: 800 ppm TWA: 100 ppm TWA: 435 mg/m³ STEL: 125 ppm STEL: 545 mg/m³

#### Appropriate engineering controls

**Engineering controls**Use with adequate general or local exhaust ventilation.

### Individual protection measures, such as personal protective equipment

**Eye/face Protection** Conventional eyeglasses to guard against splashing.

**Skin and Body Protection** Chemical resistant gloves required.

prolonged occupational over exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. To avoid breathing vapor or spray mist open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air or wear an appropriate, properly fitted respirator (NIOSH approved), or leave the area. NOTE: Follow respirator

manufacturer's instructions carefully for respirator use.

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**General hygiene considerations** Wash hands thoroughly after handling. Wash contaminated clothing before reuse.

# 9. Physical and Chemical Properties

# Information on basic physical and chemical properties

Physical State Aerosol
Appearance Black liquid. Odor Characteristic odor of

paint.

Color Black Odor threshold No information available

PropertyValuesRemarks • MethodpHNot applicableSolvent-based product.Melting point/freezing pointNot applicableNo information availableBoiling point/boiling rangeAcetone 133 °F/56.29 °CNo information availableFlash PointNot available. This is an aerosolNo information available

product with a Flame Projection of 18 in. with 3 in. flashback. Temperatures above 120 °F may cause cans to burst.

**Evaporation Rate** Faster than butyl acetate No information available

#### FG 419-4825-5 CHAMPION SPRAYON FIELD MARKING & STRIPING PAINT FLAT BLACK

Flammability (solid, gas)

No information available
Flammability Limits in Air

No information available

Upper flammability limits Not available Lower Flammability Limit Not available

Vapor pressureNo information availableVapor DensityNo information availableRelative Density1.005 concentrateNo information availableWater solubilityInsoluble in waterNo information available

Solubility in other solvents
Partition coefficient
Autoignition Temperature
Decomposition temperature
Kinematic viscosity
No information available

Explosive properties No information available Oxidizing properties No information available

**Other Information** 

Softening point No information available Molecular weight No information available

VOC content (%) 30.12%

Density8.73 lb/gal concentrateBulk DensityNo information available

# 10. Stability and Reactivity

#### Reactivity

Not applicable

#### **Chemical stability**

Stable.

#### Possibility of hazardous reactions

Temperatures above 130 °F may cause cans to burst with force.

hazardous polymerization Hazardous polymerization does not occur.

### **Conditions to Avoid**

Temperatures above 122 °F (50 °C).

# **Incompatible Materials**

Avoid heat, open flame and contact with strong acids, strong bases and strong oxidizers.

# **Hazardous decomposition products**

Thermal decomposition may yield gases like nitrogen oxides, carbon monoxide and carbon dioxide.

# 11. Toxicological Information

# Information on likely routes of exposure

**Product Information**This product has not been tested as whole. See below for information on ingredients.

**Inhalation** See data below.

**Eye Contact** Avoid contact with eyes.

**Skin contact** See data below.

**Ingestion** See data below.

Chemical name	Oral LD50	dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	-	-
Low Odor Mineral Spirits 64742-47-8	> 5000 mg/kg (Rat)	> 2000 mg/kg ( Rabbit )	> 5.2 mg/L (Rat)4 h
Calcium Carbonate 471-34-1	= 6450 mg/kg (Rat)	> 2000 mg/kg (Rat)	> 3 mg/L (Rat ) 4 h
Acetone 67-64-1	= 5800 mg/kg (Rat)	> 15700 mg/kg (Rabbit)	= 50100 mg/m³ ( Rat ) 8 h
Propane 74-98-6	-	-	> 800000 ppm (Rat) 15 min
N-Butane 106-97-8	-	-	= 658 g/m <sup>3</sup> (Rat) 4 h
Light Aliphatic Naphtha 64742-49-0	> 5000 mg/kg (Rat)	> 3160 mg/kg ( Rabbit )	= 73680 ppm (Rat) 4 h
Carbon BLACK 1333-86-4	> 15400 mg/kg (Rat)	> 2000 mg/kg (Rat)	> 4.6 mg/m³ (Rat) 4 h
Xylenes (o-, m-, p- isomers) 1330-20-7	= 3500 mg/kg (Rat)	> 4350 mg/kg ( Rabbit )	= 29.08 mg/L (Rat) 4 h
Ethylbenzene 100-41-4	= 3500 mg/kg (Rat)	= 15400 mg/kg ( Rabbit )	= 17.4 mg/L (Rat) 4 h
Petroleum naphtha, light aromatic 64742-95-6	= 8400 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 3400 ppm (Rat) 4 h

# Information on toxicological effects

Symptoms Inhalation of high vapor concentrations may cause symptoms like headache, dizziness,

tiredness, nausea and vomiting.

# Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** May cause skin irritation and reddening after prolonged or repeated contact with skin.

Serious eye damage/eye irritation Irritating to eyes.

irritation May cause skin and eye irritation.

corrosivity Not applicable.

sensitizationNo information available.Germ cell mutagenicitySee Section 2 of this SDS.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Carbon BLACK 1333-86-4	A3	Group 2B		X
Xylenes (o-, m-, p- isomers) 1330-20-7		Group 3		
Ethylbenzene 100-41-4	A3	Group 2B		Х

Reproductive toxicity
STOT - single exposure
STOT - repeated exposure
Aspiration Hazard
See Section 2 of this SDS.
No information available.
No information available.

# Numerical measures of toxicity - Product Information

**Unknown acute toxicity** 4.16% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document

 ATEmix (oral)
 21118 mg/kg

 ATEmix (dermal)
 31293 mg/kg

 ATEmix (inhalation-gas)
 15680 mg/l

 ATEmix (inhalation-dust/mist)
 15.9 mg/l

ATEmix (inhalation-vapor) 840 mg/l

# 12. Ecological Information

# ecotoxicity

34.08% of the mixture consists of components(s) of unknown hazards to the aquatic environment

45: 96 h Pimephales promelas mg/L LC50 flow-through 2: 96 h Lepomis macrochius mg/L LC50 static 8:300 = 0.0084 mg/L 24 h Daphnia magna mg/L EC50 static 12:00 - 127:00: 48 h Daphnia macrochius mg/L LC50 static 8:300 = 0.0084 mg/L 24 h Daphnia magna mg/L EC50 static 8:300 = 0.0084 mg/L 24 h Daphnia magna mg/L EC50 static 12:00 - 127:00: 48 h Daphnia macrochius mg/L LC50 static 8:300 = 0.0084 mg/L 24 h Daphnia magna mg/L EC50 static 12:00 - 127:00: 48 h Daphnia macrochius mg/L LC50 static 12:00 - 127:00: 48 h Daphnia magna mg/L EC50 static 12:00 - 127:00: 48 h Daphnia magna mg/L EC50 static 12:00 - 127:00: 48 h Daphnia macrochius mg/L LC50 static 13:00 - 127:00: 48 h Daphnia magna mg/L EC50 static 13:00 - 127:00: 48 h Daphnia magna mg/L EC50 static 13:00 - 127:00: 48 h Daphnia magna mg/L EC50 static 13:00 - 127:00: 48 h Daphnia magna mg/L EC50 static 13:00 - 127:00: 48 h Daphnia magna mg/L EC50 static 13:00 - 127:00: 48 h Daphnia magna mg/L EC50 static 13:00 - 127:00: 48 h Daphnia magna mg/L EC50 static 13:00 - 127:00 - 127:00: 48 h Daphnia magna mg/L EC50 static 13:00 - 127:0	Chemical name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
Acetone			45: 96 h Pimephales		
Acetone   Acetone   G7-64-1   Acetone   G7-64-1   C50   G1-64-1   C50   G1-6	64742-47-8				
Macrochius mg/L LC50 static   2.4: 96 h Oncorhynchus mykss mg/L LC50 static   2.4: 96 h Oncorhynchus mykss mg/L LC50 static   4.74 - 4.33. 96 h Oncorhynchus mykss mg/L LC50   6210 - 8120 96 h   Pimephales promelas mg/L LC50   6210 - 8120 96 h   Pimephales promelas mg/L LC50   6210 - 8120 96 h   Pimephales promelas mg/L LC50   8.41: 96 h Oncorhynchus mykss mg/L LC50   8.41: 96 h Oncorhynchus mykss mg/L LC50   8.41: 96 h Oncorhynchus mg/LC50   8.41: 96 h Oncorhynchus mg/LC50   8.41: 96 h Oncorhynchus mg/LC50   9.68 mg/L 24 h Oncorhynchus mg/LC50   9.68					
Acetone   2.4: 96 h Oncorhynchus mykiss mg/L LC50 static   1.0:294 - 17704: 48 h Daphnia magna mg/L EC50 Static   1.0:294 - 17704: 48 h Daphnia magna mg/L EC50 Static   1.0:294 - 17704: 48 h Daphnia magna mg/L EC50 Static   1.0:294 - 17704: 48 h Daphnia magna mg/L EC50 Static   1.0:294 - 17704: 48 h Daphnia magna mg/L EC50 static   1.0:294 - 17704: 48 h Daphnia magna mg/L EC50 static   1.0:294 - 17704: 48 h Daphnia magna mg/L EC50 static   1.0:294 - 17704: 48 h Daphnia magna mg/L EC50   1.0:294 - 17704:					
Acetone   Acetone   67-64-1   C50   C50			· ·		
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Acetone   67-64-1					
Oncorthyrchus mykiss m/L LC50 static sale subcapitata myl. LC50 static s	Acatono			EC50 - 14500 mg/L 15 min	10204 17704: 48 h Donhnio
LC50   6210 - 8120: 96 h   Pimephales promelas mg/L   LC50 static   R300: 96 h Lepomis   R242/49-0   R24/49-0   R24/49-				LC30 = 14300 Hig/L 13 Hilli	
CS0 = 8120: 96   Pimephales promelas mg/L LC50 static sample   CS0   Pimephales promelas mg/L LC50	07 04 1		, ,		
Pimephales promelas mg/L LC50 static					
Ba300:96 h Lepomis macrochirus mg/L LC50					
Light Aliphatic Naphtha 64742-49-0					
Static   S			8300: 96 h Lepomis		
March   Marc			macrochirus mg/L LC50		
Semi-static_closed   13.4: 96 h Pimephales   13.4: 96 h Pimephales   13.5: 17.3: 96 h   10.000   13.5: 17.3: 96 h   10.000   13.5: 17.3: 96 h   10.000   1	Light Aliphatic Naphtha				
Xylenes (o-, m-, p- isomers)   13.4:96 h Pimephales promelas mg/L LC50   160-through 2.661 - 4.093:96 h   Oncorhynchus mykiss mg/L LC50   13.1 - 16.5:96 h   Lepomis macrochirus mg/L LC50   13.1 - 16.5:96 h   Lepomis macrochirus mg/L LC50   Static   23.53 - 29.97:96 h   Pimephales promelas mg/L LC50   Static   23.53 - 29.97:96 h   Pimephales promelas mg/L LC50   Modernitus mg/L LC50   Static   23.53 - 29.97:96 h   Pimephales promelas mg/L LC50   Static   23.53 - 29.97:96 h   Pimephales promelas mg/L LC50   Modernitus mg/L	64742-49-0				
1330-20-7					
flow-through				EC50 = 0.0084 mg/L 24 h	3.82: 48 h water flea mg/L
2.661 - 4.093'.96 h	1330-20-7				I
Concortynchus mykliss mg/L LC50 static   13.5 - 17.3 :96 h Oncortynchus mykliss mg/L LC50   13.1 - 16.5 :96 h Lepomis macrochirus mg/L LC50   16w-through   19 :96 h Lepomis macrochirus mg/L LC50   17.71 - 9.591 :96 h Lepomis macrochirus mg/L LC50   19 :96 h Cyprinus carpio mg/L LC50 static   23.53 - 29.97 :96 h   20.50 static   25.50 static					
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13.1 - 16.5: 96 h Lepomis macrochirus mg/L LC50 flow-through 19: 96 h Lepomis macrochirus mg/L LC50 representation 19: 96 h Lepomis macrochirus mg/L LC50 static 23.53 - 29.97: 96 h Pimephales promelas mg/L LC50 static 780: 96 h Cyprinus carpio mg/L LC50 semi-static 780: 96 h Cyprinus carpio mg/L LC50 static 11.0 - 18.0: 96 h Poecilia reticulata mg/L LC50 sta					
Section   19.96   Lepomis					
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macrochirus mg/L LC50			flow-through		
T.711 - 9.591: 96 h Lepomis macrochirus mg/L LC50 static					
macrochirus mg/L LC50   static   23.53 - 29.97: 96 h   Pimephales promelas mg/L LC50 static   780: 96 h Cyprinus carpio mg/L LC50 semi-static   780: 96 h Cyprinus carpio mg/L LC50   static   780: 96 h Cyprinus carpio mg/L LC50   static   780: 96 h Poecilia reticulata mg/L LC50   static   11.0 - 18.0: 96 h   Cyprinus carpio mg/L LC50   static   11.0 - 18.0: 96 h   Cyprinus carpio mg/L LC50   static   11.0 - 18.0: 96 h   Cyprinus carpio mg/L LC50   static   11.0 - 18.0: 96 h   Cyprinus carpio mg/L LC50   static   11.0 - 18.0: 96 h   Cyprinus carpio mg/L LC50   static   11.0 - 18.0: 96 h   Cyprinus carpio mg/L LC50   static   11.0 - 18.0: 96 h   Cyprinus carpio mg/L LC50   static   11.0 - 18.0: 96 h   Cyprinus carpio mg/L LC50   Static   11.0 - 18.0: 96 h   Cyprinus carpio mg/L LC50   Static   11.0 - 18.0: 96 h   Cyprinus carpio mg/L LC50   Static   11.0 - 18.0: 96 h   Cyprinus carpio mg/L LC50   Static   11.0 - 18.0: 96 h   Cyprinus carpio mg/L LC50   Static   11.0 - 18.0: 96 h   Cyprinus carpio mg/L LC50   EC50 = 9.68 mg/L 30 min   EC50 = 96 mg/L 24 h   magna mg/L EC50   Semi-static   11.0 - 18.0: 96 h   Cyprinus carpio mg/L LC50   EC50 = 96 mg/L 30 min   EC50 = 96 mg/L 24 h   magna mg/L EC50   Semi-static   11.0 - 18.0: 96 h   Cyprinus carpio mg/L LC50   Static   11.0 - 18.0: 96 h   Cyprinus carpio mg/L LC50   EC50 = 9.68 mg/L 30 min   EC50 = 96 mg/L 24 h   Total magna mg/L EC50   Total magna mg/L					
Static   23.53 - 29.97: 96 h   Pimephales promelas mg/L   LC50 static   780: 96 h Cyprinus carpio mg/L LC50 semi-static   780: 96 h Cyprinus carpio mg/L LC50   30.26 - 40.75: 96 h Poecilia reticulata mg/L LC50   30.26 - 40.75: 96 h Poecilia reticulata mg/L LC50   31.0 - 11.0 - 18.0: 96 h   Cyprinus carpio mg/L LC50   30.26 - 40.75: 96 h Poecilia reticulata mg/L LC50   11.0 - 18.0: 96 h   Concorhynchus mykiss mg/L   LC50   static   4.2: 96 h Oncorhynchus mykiss mg/L   LC50   static   4.2: 96 h Oncorhynchus mykiss mg/L LC50   semi-static   7.55 - 11: 96 h Pimephales   promelas mg/L LC50   flow-through   32: 96 h Lepomis   macrochirus mg/L LC50   flow-through   32: 96 h Lepomis   macrochirus mg/L LC50   flow-through   32: 96 h Lepomis   macrochirus mg/L LC50   flow-through   macrochirus mg/L LC50   flow-through   flow-through   macrochirus mg/L LC50   flow-through   flow-through					
23.53 - 29.97: 96 h   Pimephales promelas mg/L   LC50 static   780: 96 h Cyprinus carpio mg/L LC50   30.26 - 40.75: 96 h Poecilia reticulata mg/L LC50   static   780: 96 h Cyprinus carpio mg/L LC50   30.26 - 40.75: 96 h Poecilia reticulata mg/L LC50   static   11.0 - 18.0: 96 h   Oncorhynchus mykiss mg/L LC50   static   LC50   static   12.50   static   12.50   static   12.50   static   13.72 h   Pseudokirchneriella subcapitata mg/L EC50   2.6 - 11.3: 72 h   Pseudokirchneriella subcapitata mg/L EC50   static   1.7 - 7.6: 96 h   Pseudokirchneriella subcapitata mg/L EC50   static   1.7 - 7.6: 96 h   Pseudokirchneriella subcapitata mg/L EC50   static   1.7 - 7.6: 96 h   Pseudokirchneriella subcapitata mg/L EC50   static   1.8 - 2.4: 48 h Daphnia magna mg/L EC50   1.8 - 2.4: 48 h Daphnia magna mg/L EC50   1.8 - 2.4: 48 h Daphnia magna mg/L EC50   1.5 - 11: 96 h Pimephales promelas mg/L LC50   1.5 - 11: 96 h Pimephales promelas mg/L LC50   1.5 - 11: 96 h Pimephales promelas mg/L LC50   1.5 - 11: 96 h Pimephales promelas mg/L LC50   1.5 - 11: 96 h Lepomis   1.8 - 2.4: 48 h Daphnia magna mg/L EC50   1.5 - 11: 96 h Pimephales promelas mg/L LC50   1.5 - 11: 96 h Pimephales promelas mg/L LC50   1.5 - 11: 96 h Lepomis   1.8 - 2.4: 48 h Daphnia magna mg/L EC50   1.5 - 11: 96 h Pimephales promelas mg/L LC50   1.5 - 11: 96 h Pimephales promelas mg/L LC50   1.5 - 11: 96 h Pimephales promelas mg/L LC50   1.5 - 11: 96 h Pimephales promelas mg/L LC50   1.5 - 11: 96 h Pimephales promelas mg/L LC50   1.5 - 11: 96 h Pimephales promelas mg/L LC50   1.5 - 11: 96 h Pimephales promelas mg/L LC50   1.5 - 11: 96 h Pimephales promelas mg/L LC50   1.5 - 11: 96 h Pimephales promelas mg/L LC50   1.5 - 11: 96 h Pimephales promelas mg/L LC50   1.5 - 11: 96 h Pimephales promelas mg/L LC50   1.5 - 11: 96 h Pimephales promelas mg/L LC50   1.5 - 11: 96 h Pimephales promelas mg/L LC50   1.5 - 11: 96 h Pimephales promelas mg/L LC50   1.5 - 11: 96 h Pimephales promelas mg/L LC50   1.5 - 11: 96 h Pimephales promelas mg/L LC50   1.5 - 11: 96 h Pimepha					
Pimephales promelas mg/L					
LC50 static   780: 96 h Cyprinus carpio mg/L LC50 semi-static   780: 96 h Cyprinus carpio mg/L LC50   30.26 - 40.75: 96 h Poecilia reticulata mg/L LC50   30.26 - 40.75: 96 h Poecilia reticulata mg/L LC50   static					
T80: 96 h Cyprinus carpio mg/L LC50 semi-static 780: 96 h Cyprinus carpio mg/L LC50 static					
mg/L LC50 semi-static   780: 96 h Cyprinus carpio   mg/L LC50   30.26 - 40.75: 96 h Poecilia   reticulata mg/L LC50 static					
Marcochirus mg/L LC50   30.26 - 40.75: 96 h Poecilia reticulata mg/L LC50 static					
Marcochirus mg/L LC50   30.26 - 40.75: 96 h Poecilia reticulata mg/L LC50 static			780: 96 h Cyprinus carpio		
Teticulata mg/L LC50 static					
Ethylbenzene 100-41-4 4.6: 72 h Pseudokirchneriella subcapitata mg/L EC50 438: 96 h Pseudokirchneriella subcapitata mg/L EC50 2.6 - 11.3: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 1.7 - 7.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 1.7 - 7.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 1.7 - 6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 1.7 - 7.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 1.7 - 7.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 1.7 - 7.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 1.7 - 7.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 1.7 - 7.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 1.8 - 2.4: 48 h Daphnia EC50 = 96 mg/L 24 h  1.8 - 2.4: 48 h Daphnia EC50 = 96 mg/L 24 h  1.8 - 2.4: 48 h Daphnia magna mg/L EC50					
subcapitata mg/L EC50 438: 96 h Pseudokirchneriella subcapitata mg/L EC50 2.6 - 11.3: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 1.7 - 7.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 1.7 - 5.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 1.7 - 7.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static  1.7 - 7.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static  32: 96 h Lepomis macrochirus mg/L LC50  flow-through 32: 96 h Lepomis macrochirus mg/L LC50					
438: 96 h Pseudokirchneriella subcapitata mg/L EC50 2.6 - 11.3: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 1.7 - 7.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 1.7 - 6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static macrochirus mg/L LC50	1				· '
Pseudokirchneriella subcapitata mg/L EC50 2.6 - 11.3: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 1.7 - 7.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 1.8 - 7.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static  1.9 - 7.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static  1.7 - 7.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static	100-41-4	, ,	, ,	EC50 = 96 mg/L 24 h	magna mg/L EC50
subcapitata mg/L EC50 2.6 - 11.3: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 1.7 - 7.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 1.7 - 6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static macrochirus mg/L LC50					
2.6 - 11.3: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 1.7 - 7.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static  1.7 - 7.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static subcapitata mg/L EC50 static					
Pseudokirchneriella 7.55 - 11: 96 h Pimephales subcapitata mg/L EC50 static promelas mg/L LC50 1.7 - 7.6: 96 h flow-through 32: 96 h Lepomis subcapitata mg/L EC50 static macrochirus mg/L LC50					
subcapitata mg/L EC50 static promelas mg/L LC50 1.7 - 7.6: 96 h flow-through Pseudokirchneriella 32: 96 h Lepomis subcapitata mg/L EC50 static macrochirus mg/L LC50					
1.7 - 7.6: 96 h flow-through Pseudokirchneriella 32: 96 h Lepomis subcapitata mg/L EC50 static macrochirus mg/L LC50					
Pseudokirchneriella 32: 96 h Lepomis subcapitata mg/L EC50 static macrochirus mg/L LC50					
subcapitata mg/L EC50 static macrochirus mg/L LC50					
		subcapitata mg/L EC50 static	•		
static			static		

	9.1 - 15.6: 96 h Pimephales promelas mg/L LC50 static 9.6: 96 h Poecilia reticulata mg/L LC50 static		
Petroleum naphtha, light aromatic 64742-95-6	9.22: 96 h Oncorhynchus mykiss mg/L LC50	6.14:	48 h Daphnia magna mg/L EC50

# Persistence and degradability

No information available.

# **Bioaccumulation**

No information available.

Chemical name	Partition coefficient
Acetone 67-64-1	-0.24
Propane 74-98-6	1.09
N-Butane 106-97-8	2.31
Xylenes (o-, m-, p- isomers) 1330-20-7	2.77 - 3.15
Ethylbenzene 100-41-4	3.6

Other adverse effects

No information available

# 13. Disposal Considerations

# Waste treatment methods

**Disposal of wastes**Dispose of in accordance with federal, state and local regulations.

Contaminated packaging

Pressurized container: Do not pierce or burn, even after use. Do not puncture or incinerate container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions.

Chemical name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Acetone		Included in waste stream:		U002
67-64-1		F039		
Xylenes (o-, m-, p- isomers)		Included in waste stream:		U239
1330-20-7		F039		
Ethylbenzene		Included in waste stream:		
100-41-4		F039		

Chemical name	California Hazardous Waste Status
Acetone	Ignitable
67-64-1	
Xylenes (o-, m-, p- isomers)	Toxic
1330-20-7	Ignitable
Ethylbenzene	Toxic
100-41-4	Ignitable

# 14. Transport Information

DOT\_

UN/ID no Limited Quantity
Proper Shipping Name Consumer Commodity
Hazard Class NA

**IATA** 

UN/ID no UN1950

Proper Shipping Name Aerosols, flammable

Hazard Class 2.1

**IMDG** 

UN/ID no UN1950

Proper Shipping Name Aerosols, flammable

Hazard Class 2.1

Marine pollutant This product contains chemicals that are listed as marine pollutants.

# 15. Regulatory information

**International Inventories** 

TSCA All ingredients of this product are listed or are excluded from listing under the U.S. Toxic

Subtances Control Act (TSCA) Chemical Substance Inventory.

**DSL** All ingredients are listed or are excluded from listing on the DSL.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

# US Federal Regulations

#### **SARA 313**

This product contains the following toxic chemicals (above the de minimis level) subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372. This information must be included in all SDSs that are copied and distributed for this material.

Chemical name	CAS No	weight-%	SARA 313 - Threshold Values %
Xylenes (o-, m-, p- isomers) - 1330-20-7	1330-20-7	1-5	1.0
Ethylbenzene - 100-41-4	100-41-4	<1	0.1

# SARA 311/312 Hazard Categories

Acute Health Hazard yes
Chronic Health Hazard yes
Fire Hazard yes
Sudden release of pressure hazard No
Reactive Hazard No

#### **CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Xylenes (o-, m-, p- isomers) 1330-20-7	100 lb			Х
Ethylbenzene 100-41-4	1000 lb	X	X	Х

# **CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Acetone	5000 lb		RQ 5000 lb final RQ
67-64-1			RQ 2270 kg final RQ
Xylenes (o-, m-, p- isomers)	100 lb		RQ 100 lb final RQ
1330-20-7			RQ 45.4 kg final RQ
Ethylbenzene	1000 lb		RQ 1000 lb final RQ
100-41-4			RQ 454 kg final RQ

# **US State Regulations**

# **California Proposition 65**

This product contains the following Proposition 65 chemicals. This product contains <0.1% cumene, a chemical known to the State of California to cause cancer.

Chemical name	California Proposition 65	
Carbon BLACK - 1333-86-4	Carcinogen	
Ethylbenzene - 100-41-4	carcinogen	

# **U.S. State Right-to-Know Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania
Water 7732-18-5			Χ
Acetone 67-64-1	Х	X	Х
Propane 74-98-6	Х	X	Х
N-Butane 106-97-8	X	X	X
Carbon BLACK 1333-86-4	X	X	X
Xylenes (o-, m-, p- isomers) 1330-20-7	X	X	X
Ethylbenzene 100-41-4	Χ	X	X

# U.S. EPA Label information

EPA Pesticide registration number Not applicable

16. Other information				
NFPA_	Health Hazards 2	Flammability 4	Instability 1	Physical and chemical properties Not applicable
<u>HMIS</u>	Health Hazards 2*	Flammability 4	Physical hazards 1	Personal Protection B - Eyes and hands protection

Prepared by Regulatory Department

Issue date 23-Oct-2024

**Revision note** 

This SDS supersedes a previous SDS dated: 11-Oct-2017

# Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.