

# Contact Sheet



## Europe

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Sparex Denmark  
Sparex Limited ApS  
Messevej 1  
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 **France**  
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Sparex S.A.R.L.  
Zae De Ty Douar  
Commana 29450

 **Germany**  
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Sparex Germany  
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 **Ireland**  
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Sparex (Tractor Accessories) Ltd  
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Waterford  
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 **Italy**  
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Sparex Austria  
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Sparex Portugal, Importação  
e Comércio de Peças,Lda.  
Lugar da Espera 2565-716 Runa.

 **Spain**  
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Sparex Agrirepuestos,S.L. C/Jose Maria  
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## North America

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## Africa

 **South Africa**  
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Cape branch  
35 George Blake St,  
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KZN branch  
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## Australasia

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Sparex Australia Pty Ltd  
81-83 Strzelecki Avenue,  
Sunshine West, VIC 3020

 **New Zealand**  
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4 Princes Street Onehunga,  
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## Sparex Export Markets

 **Export**  
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Sparex Limited  
Exeter Airport  
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Revision Date 01-Aug-2018

# SAFETY DATA SHEET

Version 1

## 1. IDENTIFICATION

### Product identifier

**Product Name** Ferguson Green Metallic

### Other means of identification

**Product Code** S.118689

**UN/ID no** UN1950

**SKU(s)** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** No information available.

**Uses advised against** No information available

### Details of the supplier of the safety data sheet

#### **Manufacturer Address**

Van Sickle Paint Mfg. Co.

PO Box 82222

Lincoln, NE 68501

Phone: 402-476-6558

Fax: 402-476-6749

#### **Emergency telephone number**

**Emergency Telephone** Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Skin sensitization	Category 1
Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1A
Reproductive toxicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Flammable aerosols	Category 1

### **Emergency Overview**

#### **Danger**

#### **Hazard statements**

Causes skin irritation

Causes serious eye irritation

May cause an allergic skin reaction

May cause genetic defects

May cause cancer

Suspected of damaging fertility or the unborn child

May cause respiratory irritation. May cause drowsiness or dizziness

Extremely flammable aerosol

**Appearance** No information available**Physical state** Aerosol**Odor** No information available**Precautionary Statements - Prevention**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Use personal protective equipment as required  
 Wash face, hands and any exposed skin thoroughly after handling  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Contaminated work clothing should not be allowed out of the workplace  
 Wear protective gloves  
 Use only outdoors or in a well-ventilated area

**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 ON SKIN: Wash with plenty of soap and water  
 Take off contaminated clothing and wash before reuse  
 If skin irritation or rash occurs: Get medical advice/attention  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

**Precautionary Statements - Storage**

Store locked up  
 Store in a well-ventilated place. Keep container tightly closed

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)****Other Information**

- Harmful to aquatic life with long lasting effects
- Harmful to aquatic life

Unknown acute toxicity                      0% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%	Trade Secret
Acetone	67-64-1	15 - 40	*
Xylene	1330-20-7	10 - 30	*
Propane	74-98-6	7 - 13	*
Butane	106-97-8	5 - 10	*
Ethyl Benzene	100-41-4	1 - 5	*
VM&P Naphtha	8032-32-4	1 - 5	*
Ethylene Glycol Butyl Ether	111-76-2	1 - 5	*
Propylene Glycol Methyl Ether Acetate	108-65-6	1 - 5	*
Aromatic 150	64742-94-5	0.1 - 1	*
Stoddard Solvent	8052-41-3	0.1 - 1	*
Toluene	108-88-3	0.1 - 1	*
Carbon Black	1333-86-4	0.1 - 1	*
Methyl Ethyl Ketoxime	96-29-7	0.1 - 1	*

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

#### 4. FIRST AID MEASURES

##### Description of first aid measures

<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin Contact</b>	Call a physician immediately.
<b>Inhalation</b>	Move victim to fresh air. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately.
<b>Ingestion</b>	Do NOT induce vomiting. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.

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

**Symptoms** No information available.

##### Indication of any immediate medical attention and special treatment needed

**Note to physicians** Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

##### Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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

##### Specific hazards arising from the chemical

Extremely flammable.

##### Explosion data

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

##### 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

**Personal precautions** Ensure adequate ventilation, especially in confined areas.

##### Environmental precautions

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

##### Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Cover liquid spill with sand, earth or other non-combustible absorbent material.

#### 7. HANDLING AND STORAGE

##### Precautions for safe handling

**Advice on safe handling**

Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Avoid breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans. Do not stick pin or any other sharp object into opening on top of can.

**Conditions for safe storage, including any incompatibilities****Storage Conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible materials**

Strong acids. Strong oxidizing agents. Chlorinated compounds.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters****Exposure Guidelines**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Acetone 67-64-1	STEL: 500 ppm TWA: 250 ppm	TWA: 1000 ppm TWA: 2400 mg/m <sup>3</sup> (vacated) TWA: 750 ppm (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	IDLH: 2500 ppm TWA: 250 ppm TWA: 590 mg/m <sup>3</sup>
Xylene 1330-20-7	STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 435 mg/m <sup>3</sup> (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m <sup>3</sup> (vacated) STEL: 150 ppm (vacated) STEL: 655 mg/m <sup>3</sup>	-
Propane 74-98-6	: See Appendix F: Minimal Oxygen Content, explosion hazard	TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m <sup>3</sup>	IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup>
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>
Ethyl Benzene 100-41-4	TWA: 20 ppm	TWA: 100 ppm TWA: 435 mg/m <sup>3</sup> (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m <sup>3</sup> (vacated) STEL: 125 ppm (vacated) STEL: 545 mg/m <sup>3</sup>	IDLH: 800 ppm TWA: 100 ppm TWA: 435 mg/m <sup>3</sup> STEL: 125 ppm STEL: 545 mg/m <sup>3</sup>
VM&P Naphtha 8032-32-4	-	(vacated) TWA: 300 ppm (vacated) TWA: 1350 mg/m <sup>3</sup> (vacated) STEL: 400 ppm (vacated) STEL: 1800 mg/m <sup>3</sup>	Ceiling: 1800 mg/m <sup>3</sup> 15 min TWA: 350 mg/m <sup>3</sup>
Ethylene Glycol Butyl Ether 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m <sup>3</sup> (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m <sup>3</sup> (vacated) S* S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m <sup>3</sup>
Stoddard Solvent 8052-41-3	TWA: 100 ppm	TWA: 500 ppm TWA: 2900 mg/m <sup>3</sup> (vacated) TWA: 100 ppm (vacated) TWA: 525 mg/m <sup>3</sup>	IDLH: 20000 mg/m <sup>3</sup> Ceiling: 1800 mg/m <sup>3</sup> 15 min TWA: 350 mg/m <sup>3</sup>
Toluene 108-88-3	TWA: 20 ppm	TWA: 200 ppm (vacated) TWA: 100 ppm (vacated) TWA: 375 mg/m <sup>3</sup> (vacated) STEL: 150 ppm (vacated) STEL: 560 mg/m <sup>3</sup> Ceiling: 300 ppm	IDLH: 500 ppm TWA: 100 ppm TWA: 375 mg/m <sup>3</sup> STEL: 150 ppm STEL: 560 mg/m <sup>3</sup>
Carbon Black 1333-86-4	TWA: 3 mg/m <sup>3</sup> inhalable particulate matter	TWA: 3.5 mg/m <sup>3</sup> (vacated) TWA: 3.5 mg/m <sup>3</sup>	IDLH: 1750 mg/m <sup>3</sup> TWA: 3.5 mg/m <sup>3</sup>

			TWA: 0.1 mg/m <sup>3</sup> Carbon black in presence of Polycyclic aromatic hydrocarbons PAH
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NIOSH IDLH *Immediately Dangerous to Life or Health*

**Other Information** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

### Appropriate engineering controls

**Engineering Controls** Showers  
Eyewash stations  
Ventilation systems.

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

**Eye/face protection** No special technical protective measures are necessary.

**Skin and body protection** No special technical protective measures are necessary.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	Aerosol	<b>Odor</b>	No information available
<b>Appearance</b>	No information available	<b>Odor threshold</b>	No information available
<b>Color</b>	No information available		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	No information available	
<b>Melting point / freezing point</b>	No information available	
<b>Boiling point / boiling range</b>	>= -42 °C / -43 °F	
<b>Flash point</b>	-104 °C / -156 °F	
<b>Evaporation rate</b>	No information available	
<b>Flammability (solid, gas)</b>	No information available	
<b>Flammability Limit in Air</b>		
<b>Upper flammability limit:</b>	No information available	
<b>Lower flammability limit:</b>	No information available	
<b>Vapor pressure</b>	No information available	
<b>Vapor density</b>	No information available	
<b>Specific Gravity</b>	0.78	
<b>Water solubility</b>	No information available	
<b>Solubility in other solvents</b>	No information available	
<b>Partition coefficient</b>	No information available	
<b>Autoignition temperature</b>	No information available	
<b>Decomposition temperature</b>	No information available	
<b>Kinematic viscosity</b>	No information available	
<b>Dynamic viscosity</b>	No information available	
<b>Explosive properties</b>	No information available	
<b>Oxidizing properties</b>	No information available	

### Other Information

**Softening point** No information available  
**Molecular weight** No information available  
**Liquid Density** 6.53 lbs/gal

<b>Bulk density</b>	No information available
<b>Percent solids by weight</b>	19.0%
<b>Percent volatile by weight</b>	46.6%
<b>Percent solids by volume</b>	12.4%
<b>Actual VOC (lbs/gal)</b>	3
<b>Actual VOC (grams/liter)</b>	364.6
<b>EPA VOC (lbs/gal)</b>	4.6
<b>EPA VOC (grams/liter)</b>	553
<b>EPA VOC (lb/gal solids)</b>	24.6

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

None under normal processing.

### Conditions to avoid

Heat, flames and sparks.

### Incompatible materials

Strong acids. Strong oxidizing agents. Chlorinated compounds.

### Hazardous decomposition products

Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Product Information</b>	No data available
<b>Inhalation</b>	No data available.
<b>Eye contact</b>	No data available.
<b>Skin Contact</b>	No data available.
<b>Ingestion</b>	No data available.

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Acetone 67-64-1	= 5800 mg/kg ( Rat )	> 15700 mg/kg ( Rabbit )	= 50100 mg/m <sup>3</sup> ( Rat ) 8 h
Xylene 1330-20-7	= 3500 mg/kg ( Rat )	> 4350 mg/kg ( Rabbit ) > 1700 mg/kg ( Rabbit )	= 5000 ppm ( Rat ) 4 h = 29.08 mg/L ( Rat ) 4 h
Propane 74-98-6	-	-	> 800000 ppm ( Rat ) 15 min
Butane 106-97-8	-	-	= 658 g/m <sup>3</sup> ( Rat ) 4 h
Ethyl Benzene 100-41-4	= 3500 mg/kg ( Rat )	= 15400 mg/kg ( Rabbit )	= 17.4 mg/L ( Rat ) 4 h
VM&P Naphtha 8032-32-4	-	-	= 3400 ppm ( Rat ) 4 h
Ethylene Glycol Butyl Ether 111-76-2	= 470 mg/kg ( Rat )	= 99 mg/kg ( Rabbit )	= 486 ppm ( Rat ) 4 h = 450 ppm ( Rat ) 4 h
Propylene Glycol Methyl Ether Acetate 108-65-6	= 8532 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	-
Aromatic 150	> 5000 mg/kg ( Rat )	> 2 mL/kg ( Rabbit )	> 590 mg/m <sup>3</sup> ( Rat ) 4 h

64742-94-5			
Stoddard Solvent 8052-41-3	> 5000 mg/kg (Rat)	> 3000 mg/kg (Rabbit)	-
Toluene 108-88-3	= 2600 mg/kg ( Rat )	= 12000 mg/kg ( Rabbit )	= 12.5 mg/L ( Rat ) 4 h
Carbon Black 1333-86-4	> 15400 mg/kg ( Rat )	> 3 g/kg ( Rabbit )	-
Methyl Ethyl Ketoxime 96-29-7	= 930 mg/kg ( Rat )	1000 - 1800 mg/kg ( Rabbit )	> 4800 mg/m <sup>3</sup> ( Rat ) 4 h

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** No information available.

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

**Sensitization** No information available.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** No information available.

Chemical name	ACGIH	IARC	NTP	OSHA
Xylene 1330-20-7	-	Group 3	-	-
Ethyl Benzene 100-41-4	A3	Group 2B	-	X
Ethylene Glycol Butyl Ether 111-76-2	A3	Group 3	-	-
Toluene 108-88-3	-	Group 3	-	-
Carbon Black 1333-86-4	A3	Group 2B	-	X

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not classifiable as a human carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

**Reproductive toxicity** Product is or contains a chemical which is a known or suspected reproductive hazard.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Chronic toxicity**

Contains a known or suspected reproductive toxin. Ethylbenzene has been classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B). Prolonged or repeated overexposure to ethylbenzene may result in adverse effects to the kidneys, liver, respiratory system, thyroid, testicles, and pituitary glands. May cause adverse effects on the bone marrow and blood-forming system. May cause adverse liver effects.

**Target organ effects** blood, Central nervous system, Eyes, Hematopoietic System, kidney, liver, Respiratory system, Skin.

**Aspiration hazard** No information available.

**Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document mg/kg ppm mg/l

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Harmful to aquatic life with long lasting effects

2.07% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical name	Algae/aquatic plants	Fish	Crustacea
Acetone 67-64-1	-	4.74 - 6.33: 96 h Oncorhynchus mykiss mL/L LC50 6210 - 8120: 96 h Pimephales promelas mg/L LC50	10294 - 17704: 48 h Daphnia magna mg/L EC50 Static 12600 - 12700: 48 h Daphnia magna mg/L



		static 8300: 96 h <i>Lepomis macrochirus</i> mg/L LC50	EC50
Xylene 1330-20-7	-	13.4: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 13.5 - 17.3: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 23.53 - 29.97: 96 h <i>Pimephales promelas</i> mg/L LC50 static 2.661 - 4.093: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static 780: 96 h <i>Cyprinus carpio</i> mg/L LC50 semi-static 780: 96 h <i>Cyprinus carpio</i> mg/L LC50 30.26 - 40.75: 96 h <i>Poecilia reticulata</i> mg/L LC50 static 19: 96 h <i>Lepomis macrochirus</i> mg/L LC50 7.711 - 9.591: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 13.1 - 16.5: 96 h <i>Lepomis macrochirus</i> mg/L LC50 flow-through	3.82: 48 h water flea mg/L EC50 0.6: 48 h <i>Gammarus lacustris</i> mg/L LC50
Ethyl Benzene 100-41-4	4.6: 72 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 2.6 - 11.3: 72 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 static 1.7 - 7.6: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 static 438: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50	11.0 - 18.0: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static 7.55 - 11: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 4.2: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 semi-static 32: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 9.6: 96 h <i>Poecilia reticulata</i> mg/L LC50 static 9.1 - 15.6: 96 h <i>Pimephales promelas</i> mg/L LC50 static	1.8 - 2.4: 48 h <i>Daphnia magna</i> mg/L EC50
VM&P Naphtha 8032-32-4	4700: 72 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50	-	-
Ethylene Glycol Butyl Ether 111-76-2	-	1490: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 2950: 96 h <i>Lepomis macrochirus</i> mg/L LC50	1000: 48 h <i>Daphnia magna</i> mg/L EC50 1698 - 1940: 24 h <i>Daphnia magna</i> mg/L EC50
Propylene Glycol Methyl Ether Acetate 108-65-6	-	161: 96 h <i>Pimephales promelas</i> mg/L LC50 static	500: 48 h <i>Daphnia magna</i> mg/L EC50
Aromatic 150 64742-94-5	2.5: 72 h <i>Skeletonema costatum</i> mg/L EC50	19: 96 h <i>Pimephales promelas</i> mg/L LC50 static 2.34: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 45: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 1740: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 41: 96 h <i>Pimephales promelas</i> mg/L LC50	0.95: 48 h <i>Daphnia magna</i> mg/L EC50
Toluene 108-88-3	433: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 12.5: 72 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 static	15.22 - 19.05: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 12.6: 96 h <i>Pimephales promelas</i> mg/L LC50 static 28.2: 96 h <i>Poecilia reticulata</i> mg/L LC50 semi-static 54: 96 h <i>Oryzias latipes</i> mg/L LC50 static 5.89 - 7.81: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 flow-through 11.0 - 15.0: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 50.87 - 70.34: 96 h <i>Poecilia reticulata</i> mg/L LC50 static 14.1 - 17.16: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static 5.8: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 semi-static	5.46 - 9.83: 48 h <i>Daphnia magna</i> mg/L EC50 Static 11.5: 48 h <i>Daphnia magna</i> mg/L EC50
Carbon Black 1333-86-4	-	-	5600: 24 h <i>Daphnia magna</i> mg/L EC50
Methyl Ethyl Ketoxime 96-29-7	83: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50	777 - 914: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 760: 96 h <i>Poecilia reticulata</i> mg/L LC50 static 320 - 1000: 96 h <i>Leuciscus idus</i> mg/L LC50 static	750: 48 h <i>Daphnia magna</i> mg/L EC50

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

Chemical name	Partition coefficient
Acetone 67-64-1	-0.24
Xylene 1330-20-7	3.15
Propane 74-98-6	2.3
Butane 106-97-8	2.89
Ethyl Benzene 100-41-4	3.2
Ethylene Glycol Butyl Ether 111-76-2	0.81
Propylene Glycol Methyl Ether Acetate 108-65-6	0.43
Aromatic 150 64742-94-5	6.1
Toluene 108-88-3	2.7
Methyl Ethyl Ketoxime 96-29-7	0.65

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods****Disposal of wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging**

Do not reuse container.

**US EPA Waste Number**

U220 U239 U002 U019 U165 U055

Chemical name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Acetone 67-64-1	-	Included in waste stream: F039	-	U002
Xylene 1330-20-7	-	Included in waste stream: F039	-	U239
Ethyl Benzene 100-41-4	-	Included in waste stream: F039	-	-
Toluene 108-88-3	U220	Included in waste streams: F005, F024, F025, F039, K015, K036, K037, K149, K151	-	U220

Chemical name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Toluene 108-88-3	-	-	Toxic waste waste number F025 Waste description: Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic	-

			hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution.	
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This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical name	California Hazardous Waste Status
Acetone 67-64-1	Ignitable
Xylene 1330-20-7	Toxic Ignitable
Ethyl Benzene 100-41-4	Toxic Ignitable
Toluene 108-88-3	Toxic Ignitable

#### 14. TRANSPORT INFORMATION

##### DOT

UN/ID no UN1950  
 Proper shipping name Aerosols  
 Hazard class 2.1  
 Description UN1950, Aerosols, 2.1  
 Emergency Response Guide Number 126

##### TDG

UN/ID no UN1950  
 Proper shipping name Aerosols  
 Hazard class 2.1  
 Description UN1950, Aerosols, 2.1

##### MEX

UN/ID no UN1950  
 Proper shipping name Aerosols  
 Hazard class 2  
 Description UN1950, Aerosols, 2

##### ICAO (air)

UN/ID no UN1950  
 Proper shipping name Aerosols  
 Hazard class 2.1  
 Special Provisions A145, A167  
 Description UN1950, Aerosols, 2.1

##### IATA

UN Number UN1950  
 Proper shipping name Aerosols, flammable  
 Transport hazard class(es) 2.1  
 ERG Code 10L  
 Special Provisions A145, A167, A802  
 Description UN1950, Aerosols, flammable, 2.1

##### IMDG

UN Number UN1950  
 UN proper shipping name Aerosols  
 Transport hazard class(es) 2  
 EmS-No F-D, S-U  
 Special Provisions 63, 190, 277, 327, 344, 959

**RID**

UN/ID no UN1950  
 Proper shipping name Aerosols  
 Transport hazard class(es) 2.1  
 Classification code 5F  
 Description UN1950, Aerosols, 2.1

**ADR**

UN Number UN1950  
 Proper shipping name Aerosols  
 Transport hazard class(es) 2.1  
 Classification code 5F  
 Tunnel restriction code (D)  
 Special Provisions 190, 327, 344, 625  
 Description UN1950, Aerosols, 2.1, (D)  
 Labels 2.1

**ADN**

Proper shipping name Aerosols  
 Transport hazard class(es) 2.1  
 Classification code 5F  
 Special Provisions 190, 327, 344, 625  
 Description UN1950, Aerosols, 2.1  
 Hazard label(s) 2.1  
 Limited quantity (LQ) 1 L  
 Ventilation VE01, VE04

<b>15. REGULATORY INFORMATION</b>
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**International Inventories**

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies *
<b>EINECS/ELINCS</b>	Does not comply *
<b>ENCS</b>	Does not comply *
<b>IECSC</b>	Does not comply *
<b>KECL</b>	Does not comply *
<b>PICCS</b>	Does not comply *
<b>AICS</b>	Does not comply *

\* This product contains an unknown chemical, therefore, this product's compliance to the inventory list is NOT DETERMINED

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical name	SARA 313 - Threshold Values %
Xylene	1.0
Ethyl Benzene	0.1
Ethylene Glycol Butyl Ether	1.0

**SARA 311/312 Hazard Categories**

Acute health hazard Yes

Chronic Health Hazard	No
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
Xylene 1330-20-7	100 lb	-	-	X
Ethyl Benzene 100-41-4	1000 lb	X	X	X
Toluene 108-88-3	1000 lb	X	X	X

**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 67-64-1	5000 lb	-	RQ 5000 lb final RQ RQ 2270 kg final RQ
Xylene 1330-20-7	100 lb	-	RQ 100 lb final RQ RQ 45.4 kg final RQ
Ethyl Benzene 100-41-4	1000 lb	-	RQ 1000 lb final RQ RQ 454 kg final RQ
Toluene 108-88-3	1000 lb 1 lb	-	RQ 1000 lb final RQ RQ 454 kg final RQ RQ 1 lb final RQ RQ 0.454 kg final RQ

**US State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals

Chemical name	California Proposition 65
Ethyl Benzene - 100-41-4	Carcinogen
Toluene - 108-88-3	Developmental
Carbon Black - 1333-86-4	Carcinogen
Crystalline Silica - 14808-60-7	Carcinogen
Naphthalene - 91-20-3	Carcinogen
Cumene - 98-82-8	Carcinogen
Benzene(including benzene from gasoline) - 71-43-2	Carcinogen Developmental Male Reproductive
Sulfuric acid - 7664-93-9	Carcinogen

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

Chemical name	New Jersey	Massachusetts
Acetone 67-64-1	X	X
Xylene 1330-20-7	X	X
Propane 74-98-6	X	X
Butane 106-97-8	X	X
Ethyl Benzene 100-41-4	X	X
VM&P Naphtha 8032-32-4	X	-
Ethylene Glycol Butyl Ether 111-76-2	X	X
Propylene Glycol Methyl Ether	X	X

107-98-2		
Aluminum Powder 7429-90-5	X	X
Toluene 108-88-3	X	X
Carbon Black 1333-86-4	X	X

Chemical name	Pennsylvania
Acetone 67-64-1	X
Xylene 1330-20-7	X
Propane 74-98-6	X
Butane 106-97-8	X
Ethyl Benzene 100-41-4	X
VM&P Naphtha 8032-32-4	X
Ethylene Glycol Butyl Ether 111-76-2	X

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**Hazardous air pollutants (HAPS) content**

LIST OF HAZARDOUS AIR POLLUTANTS SUBJECT TO THE PROVISIONS OF THE CLEAN AIR ACT, TITLE I SECTION 112 'National Emission Standards for Hazardous Air Pollutants' (present individually at 1% by weight, or greater):

Chemical name	Weight % of HAPS in Product	Pounds HAPS / Gal Product
Xylene 1330-20-7	14.63%	0.96
Ethyl Benzene 100-41-4	4.72%	0.31

**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

**NFPA** Health hazards 2 Flammability 4 Instability 0 Physical and chemical properties -  
**HMIS** Health hazards 2 \* Flammability 4 Physical hazards 0 Personal protection X  
*Chronic Hazard Star Legend \* = Chronic Health Hazard*

Revision Date 01-Aug-2018

**Revision Note**

No information available

**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. Shipping information may vary based upon container size and shipping destination. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage, or release to the environment. The manufacturer assumes no responsibility for injury to the recipient or third persons, or for any damages to any property resulting from misuse of the product.

**End of Safety Data Sheet**