

Version 4

# 1. IDENTIFICATION

# **Product identifier**

Product Name Fern Green (Aerosol)

Other means of identification

**Product Code RAL-6025** 

SKU(s) None

Recommended use of the chemical and restrictions on use

**Recommended Use**Uses advised against
No information available.
No information available.

# Details of the supplier of the safety data sheet

**Manufacturer Address** 

Orbit Paint and Powder 4106 N. FM 2528 Lubbock, TX 79416

**Emergency Telephone** 

Domestic 1-800-373-7542 Inter: 1-484-951-2432

# 2. HAZARDS IDENTIFICATION

# Classification

#### **OSHA Regulatory Status**

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

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

# **Emergency Overview**

# Danger

#### Hazard statements

Causes serious eye irritation May cause genetic defects May cause cancer 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
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 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

- May be harmful if swallowed
- Causes mild skin irritation

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	*
Propane	74-98-6	10 - 30	*
Butane	106-97-8	5 - 10	*
Methyl Amyl Ketone	110-43-0	5 - 10	*
Tert-Butyl Acetate	540-88-5	5 - 10	*
Methyl Isobutyl Ketone	108-10-1	1 - 5	*
Methyl Ethyl Ketone	78-93-3	1 - 5	*
Ethylene Glycol Butyl Ether	111-76-2	1 - 5	*
Titanium dioxide	13463-67-7	0.1 - 1	*

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

# 4. FIRST AID MEASURES

## **Description of first aid measures**

General advice Immediate medical attention is required. In case of accident or unwellness, seek medical

advice immediately (show directions for use or safety data sheet if possible). If symptoms

persist, call a physician.

Eye contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and

continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Call a physician immediately. Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and

upper eyelids. Consult a physician. If symptoms persist, call a physician.

**Skin Contact** Wash off immediately with plenty of water. Immediate medical attention is not required.

Wash off immediately with soap and plenty of water while removing all contaminated

clothes and shoes. If skin irritation persists, call a physician.

**Inhalation** Immediate medical attention is required. Remove to fresh air. If not breathing, give artificial

respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Move to fresh air in case of accidental inhalation of vapors. If symptoms persist, call a

physician.

Ingestion Do NOT induce vomiting. Call a physician or poison control center immediately. Never give

anything by mouth to an unconscious person. Clean mouth with water and drink afterwards

plenty of water. Call a physician.

**Self-protection of the first aider** Remove all sources of ignition. Use personal protective equipment as required.

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

In the event of fire and/or explosion do not breathe fumes.

# 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate

ventilation, especially in confined areas. Use personal protective equipment as required.

Keep people away from and upwind of spill/leak.

**Environmental precautions** 

**Environmental precautions** Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do

not flush into surface water or sanitary sewer system. 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. Cover powder spill with plastic sheet or

tarp to minimize spreading. Dike far ahead of liquid spill for later disposal.

Methods for cleaning up Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal

binder, sawdust). Pick up and transfer to properly labeled containers. Soak up with inert

absorbent material.

### 7. HANDLING AND STORAGE

### Precautions for safe handling

Advice on safe handling Ensure adequate ventilation, especially in confined areas. Keep away from heat, sparks,

flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded. Use with local exhaust ventilation. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with eyes. 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 tightly closed in a dry and cool place. Keep in properly labeled containers. Keep

containers tightly closed in a cool, 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	STEL: 500 ppm	TWA: 1000 ppm	IDLH: 2500 ppm
67-64-1	TWA: 250 ppm	TWA: 2400 mg/m <sup>3</sup> (vacated) TWA: 750 ppm	TWA: 250 ppm TWA: 590 mg/m <sup>3</sup>
		(vacated) TWA: 750 ppm (vacated) TWA: 1800 mg/m <sup>3</sup>	TWA. 590 Hig/III
		(vacated) TWA: 1800 mg/m³ 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	TWA: 1800 mg/m <sup>3</sup>	TWA: 1000 ppm
		(vacated) TWA: 1000 ppm	TWA: 1800 mg/m <sup>3</sup>
		(vacated) TWA: 1800 mg/m <sup>3</sup>	
Butane	STEL: 1000 ppm	(vacated) TWA: 800 ppm	TWA: 800 ppm
106-97-8		(vacated) TWA: 1900 mg/m <sup>3</sup>	TWA: 1900 mg/m <sup>3</sup>
Methyl Amyl Ketone	TWA: 50 ppm	TWA: 100 ppm	IDLH: 800 ppm
110-43-0		TWA: 465 mg/m <sup>3</sup>	TWA: 100 ppm
		(vacated) TWA: 100 ppm	TWA: 465 mg/m <sup>3</sup>
		(vacated) TWA: 465 mg/m <sup>3</sup>	
Tert-Butyl Acetate	STEL: 150 ppm	TWA: 200 ppm	IDLH: 1500 ppm
540-88-5	TWA: 50 ppm	TWA: 950 mg/m <sup>3</sup>	TWA: 200 ppm
		(vacated) TWA: 200 ppm	TWA: 950 mg/m <sup>3</sup>
		(vacated) TWA: 950 mg/m <sup>3</sup>	
Methyl Isobutyl Ketone	STEL: 75 ppm	TWA: 100 ppm	IDLH: 500 ppm
108-10-1	TWA: 20 ppm	TWA: 410 mg/m <sup>3</sup>	TWA: 50 ppm
		(vacated) TWA: 50 ppm	TWA: 205 mg/m <sup>3</sup>
		(vacated) TWA: 205 mg/m <sup>3</sup>	STEL: 75 ppm
		(vacated) STEL: 75 ppm	STEL: 300 mg/m <sup>3</sup>
		(vacated) STEL: 300 mg/m <sup>3</sup>	

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Methyl Ethyl Ketone 78-93-3	STEL: 300 ppm TWA: 200 ppm	TWA: 200 ppm TWA: 590 mg/m³ (vacated) TWA: 200 ppm (vacated) TWA: 590 mg/m³ (vacated) STEL: 300 ppm (vacated) STEL: 885 mg/m³	IDLH: 3000 ppm TWA: 200 ppm TWA: 590 mg/m³ STEL: 300 ppm STEL: 885 mg/m³
Ethylene Glycol Butyl Ether 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m³ (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m³ (vacated) S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m³
Titanium dioxide 13463-67-7	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m³ total dust (vacated) TWA: 10 mg/m³ total dust	IDLH: 5000 mg/m <sup>3</sup>

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** Tight sealing safety goggles. Face protection shield.

**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 When using do not eat, drink or smoke. Regular cleaning of equipment, work area and

clothing is recommended.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

## Information on basic physical and chemical properties

Physical state Aerosol

Appearance No information available Odor No information available

Color No information available Odor threshold No information available

Property <u>Values</u> <u>Remarks • Method</u>

pH No information available
Melting point/freezing point
Boiling point / boiling range
Flash point
Evaporation rate
Flammability (solid, gas)
Flammability Limit in Air

No information available
No information available
No information available

Upper flammability limit:
Lower flammability limit:
Vapor pressure
Vapor density

No information available
No information available
No information available

Specific Gravity 0.76

Water solubility

No information available

Soubility in other solvents

No information available

Partition coefficientNo information availableAutoignition temperatureNo information availableDecomposition temperatureNo information availableKinematic viscosityNo information availableDynamic viscosityNo information availableExplosive propertiesNo information availableOxidizing propertiesNo information available

#### **Other Information**

Softening pointNo information availableMolecular weightNo information availableVOC Content (%)No information available

**Density** 6.37 lbs/gal

**Bulk density** No information available

Percent solids by weight 17.0% Percent volatile by weight 41.0% Percent solids by volume 9.1% Actual VOC (lbs/gal) 2.6 Actual VOC (grams/liter) 313.2 EPA VOC (lbs/gal) 4.4 EPA VOC (grams/liter) 531 EPA VOC (lb/gal solids) 28.7

# 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**

None known based on information supplied.

# 11. TOXICOLOGICAL INFORMATION

# Information on likely routes of exposure

Product Information No data available

**Inhalation** No data available.

**Eye contact** No data available.

**Skin Contact** No data available.

**Ingestion** No data available.

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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
Propane 74-98-6	-	-	= 658 mg/L ( Rat ) 4 h
Butane 106-97-8	-	-	= 658 g/m³ ( Rat ) 4 h
Methyl Amyl Ketone 110-43-0	= 1600 mg/kg ( Rat ) = 1670 mg/kg ( Rat )	= 12.6 mL/kg ( Rabbit ) = 12600 μL/kg ( Rabbit )	> 2000 ppm ( Rat ) 4 h
Tert-Butyl Acetate 540-88-5	= 4100 mg/kg (Rat)	> 2000 mg/kg ( Rabbit ) > 2 g/kg ( Rabbit )	= 13300 mg/m <sup>3</sup> ( Rat ) 4 h > 2230 mg/m <sup>3</sup> ( Rat ) 4 h
Methyl Isobutyl Ketone 108-10-1	= 2080 mg/kg ( Rat )	= 3000 mg/kg ( Rabbit )	= 8.2 mg/L ( Rat ) 4 h
Methyl Ethyl Ketone 78-93-3	= 2737 mg/kg ( Rat ) = 2483 mg/kg ( Rat )	= 5000 mg/kg ( Rabbit ) = 6480 mg/kg ( Rabbit )	= 11700 ppm ( Rat ) 4 h
Ethylene Glycol Butyl Ether 111-76-2	= 470 mg/kg ( Rat )	= 99 mg/kg ( Rabbit )	= 450 ppm ( Rat ) 4 h
Titanium dioxide 13463-67-7	> 10000 mg/kg ( Rat )	-	-

#### Information on toxicological effects

**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
Methyl Isobutyl Ketone 108-10-1	А3	Group 2B	-	X
Ethylene Glycol Butyl Ether 111-76-2	А3	Group 3	-	-
Titanium dioxide 13463-67-7	-	Group 2B	-	Х

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

Chronic toxicity Avoid repeated exposure. 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, Peripheral

Nervous System (PNS), 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 mg/l

# 12. ECOLOGICAL INFORMATION

### **Ecotoxicity**

41.68% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Acetone 67-64-1	-	6210 - 8120: 96 h Pimephales promelas mg/L LC50 static 4.74 - 6.33: 96 h Oncorhynchus mykiss mL/L LC50 8300: 96 h Lepomis macrochirus mg/L LC50	10294 - 17704: 48 h Daphnia magna mg/L EC50 Static 12600 - 12700: 48 h Daphnia magna mg/L EC50

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1698 - 1940: 24 h Daphnia magna mg/L EC50 1000: 48 h Daphnia

magna mg/L EC50

Methyl Amyl Ketone 126 - 137: 96 h Pimephales 110-43-0 promelas mg/L LC50 flow-through 296 - 362: 96 h Pimephales Tert-Butyl Acetate 540-88-5 promelas mg/L LC50 flow-through 496 - 514: 96 h Pimephales Methyl Isobutyl Ketone 400: 96 h Pseudokirchneriella 170: 48 h Daphnia magna mg/L 108-10-1 subcapitata mg/L EC50 promelas mg/L LC50 flow-through EC50 Methyl Ethyl Ketone 3130 - 3320: 96 h Pimephales 4025 - 6440: 48 h Daphnia magna promelas mg/L LC50 flow-through mg/L EC50 Static 5091: 48 h 78-93-3 Daphnia magna mg/L EC50 520: 48 h Daphnia magna mg/L EC50

1490: 96 h Lepomis macrochirus

mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50

### Persistence and degradability

Ethylene Glycol Butyl Ether

111-76-2

No information available.

#### **Bioaccumulation**

No information available.

Chemical Name	Partition coefficient
Acetone 67-64-1	-0.24
Propane 74-98-6	2.3
Butane 106-97-8	2.89
Methyl Amyl Ketone 110-43-0	1.98
Tert-Butyl Acetate 540-88-5	1.38
Methyl Isobutyl Ketone 108-10-1	1.19
Methyl Ethyl Ketone 78-93-3	0.3
Ethylene Glycol Butyl Ether 111-76-2	0.81

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** U002 U154 U159 U161 U220 U239

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
Methyl Isobutyl Ketone 108-10-1	-	Included in waste stream: F039	-	U161
Methyl Ethyl Ketone 78-93-3	U159	Included in waste streams: F005, F039	200.0 mg/L regulatory level	U159

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

Methyl Ethyl Ketone	Toxic
78-93-3	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** 126

Number

**TDG** 

UN/ID no. UN1950 Proper shipping name Aerosols **Hazard Class** 

Description UN1950, Aerosols, 2.1

MEX

UN/ID no. UN1950 Proper shipping name Aerosols **Hazard Class** 

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/ID no. UN1950

Proper shipping name Aerosols, flammable

**Hazard Class** 2.1 **ERG Code** 10L

**Special Provisions** A145, A167, A802

**Description** UN1950, Aerosols, flammable, 2.1

**IMDG** 

UN/ID no. UN1950 Proper shipping name Aerosols **Hazard Class** 2 EmS-No.

F-D, S-U

**Special Provisions** 63,190, 277, 327, 344, 959 Description UN1950, Aerosols, 2

RID

UN/ID no. UN1950 Proper shipping name Aerosols **Hazard Class** 2.1 Classification code 5F

**Description** UN1950, Aerosols, 2.1

ADR

UN/ID no. UN1950 Proper shipping name Aerosols **Hazard Class** 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
Hazard Class 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

# 15. REGULATORY INFORMATION

**International Inventories** 

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

#### 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 %
Methyl Isobutyl Ketone	1.0
Ethylene Glycol Butyl Ether	1.0

#### 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
Tert-Butyl Acetate 540-88-5	-	-	-	Х

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

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
Tert-Butyl Acetate 540-88-5	5000 lb	-	RQ 5000 lb final RQ RQ 2270 kg final RQ
Methyl Isobutyl Ketone 108-10-1	5000 lb	-	RQ 5000 lb final RQ RQ 2270 kg final RQ
Methyl Ethyl Ketone 78-93-3	5000 lb	-	RQ 5000 lb final RQ RQ 2270 kg final RQ

# **US State Regulations**

<u>California Proposition 65</u>
This product contains the following Proposition 65 chemicals

Chemical Name	California Proposition 65
Methyl Isobutyl Ketone - 108-10-1	Carcinogen Developmental
Titanium dioxide - 13463-67-7	Carcinogen
Ethyl Benzene - 100-41-4	Carcinogen
Methanol - 67-56-1	Developmental
Crystalline Silica - 14808-60-7	Carcinogen
Toluene - 108-88-3	Developmental

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

Chemical Name	New Jersey	Massachusetts
Acetone 67-64-1	X	X
Propane 74-98-6	Χ	X
Butane 106-97-8	Χ	X
Methyl Amyl Ketone 110-43-0	Χ	X
Tert-Butyl Acetate 540-88-5	Χ	X
Methyl Isobutyl Ketone 108-10-1	Х	Х
Methyl Ethyl Ketone 78-93-3	Х	Х
Ethylene Glycol Butyl Ether 111-76-2	Х	Х
Propylene Glycol Methyl Ether 107-98-2	Х	Х
Xylene 1330-20-7	Х	Х
Butyl Acetate 123-86-4	Х	X

Chemical Name	Pennsylvania
Acetone	Х
67-64-1	
Propane	X
74-98-6	
Butane	X
106-97-8	
Methyl Amyl Ketone	X
110-43-0	
Tert-Butyl Acetate	X
540-88-5	
Methyl Isobutyl Ketone	Х
108-10-1	

Methyl Ethyl Ketone 78-93-3	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
Methyl Isobutyl Ketone 108-10-1	2.23%	0.14

# 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 14-Dec-2016

**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** 

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