

# SAFETY DATA SHEET

## 1. Identification

**Product identifier** Basecoat Reducer-Fast

**Product code** 181

## Manufacturer/Importer/Supplier/Distributor information

### Manufacturer

**Company name** PBE Jobbers Warehouse  
**Address** 2921 Syene Rd  
Madison, WI 53713

**Telephone** 608-274-8797

**Emergency phone number** EMERGENCY 24 Hrs 800-424-9300 ChemTrec

### Physical hazards

Flammable liquids Acute toxicity, inhalation Skin Category 2

### Health hazards

corrosion/irritation Senous eye damage/eye Category 3

irritation Carcinogenicity Category 2

Specific target organ toxicity, single exposure Category 2A

Specific target organ toxicity, single exposure Category 2

Specific target organ toxicity, repeated exposure Category 3 respiratory tract irritation

Not classified Category 3 narcotic effects Category 2

Not classified.

### Environmental hazards

### OSHA defined hazards

## 2. Hazard(s) identification

### Label elements



### Signal word

Danger

### Hazard statement

Highly flammable liquid and vapor. Causes skin irritation. Causes serious eye irritation. Toxic if inhaled. May cause respiratory irritation May cause drowsiness or dizziness. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure.

### Precautionary statement

#### Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/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. Do not breathe mist or vapor. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area Wear protective gloves/protective clothing/eye protection/face protection.

**Response**

If on skin (or hair): Take off immediately all contaminated clothing Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center/doctor If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse. In case of fire: Use appropriate media to extinguish Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.

**Storage****Disposal**

Dispose of contents/container in accordance with local/regional/national/international regulations

**Hazard(s) not otherwise**

Static accumulating flammable liquid can become electrostatically

charged even in bonded and classified (HNOC)

grounded equipment Sparks may ignite liquid and vapor May cause flash fire or explosion.

**Supplemental information**

68.54% of the mixture consists of component(s) of unknown acute inhalation toxicity.

**3. Composition/information on ingredients****Mixtures**

Chemical name	Common name and synonyms	CAS number	%
Ethyl Acetate 99%		141-78-6	50 - < 70
2,6-Dimethyl-4-heptanone		108-83-8	10 - < 20
N-Butyl Acetate		123-86-4	10 - < 20
Methyl Ethyl Ketone		78-93-3	5 - < 10
Glycol Ether PM Acetate		108-65-6	0 < 5
Methyl Isobutyl Ketone		108-10-1	0 - < 5
Methyl n-Amyl Ketone		110-43-0	0 < 5
Phosphoric Acid Regulatory		7664-38-2	0 < 5
		112926-00-8	0 < 5
Silica, amorphous, precipitated and gel			
Silicon dioxide		112945-52-5	0 < 5
Other components below reportable levels			< 1

•Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

**4. First-aid measures****Inhalation**

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a POISON CENTER or doctor/physician.

**Skin contact****Eye contact**

Take off immediately all contaminated clothing Rinse skin with water/shower. If skin irritation occurs Get medical advice/attention Wash contaminated clothing before reuse Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do Continue rinsing. Get medical attention if irritation develops and persists. Rinse mouth. Get medical attention if symptoms occur.

**Ingestion Most important symptoms/effects, acute and delayed****Indication of immediate medical attention and special treatment needed**

May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision May cause respiratory irritation. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.

**General information**

Provide general supportive measures and treat symptomatically Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed

Take off all contaminated clothing immediately. IF exposed or concerned: Get medical advice/attention If you feel unwell, seek medical advice (show the label where possible) Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

**5. Fire-fighting measures**

**Suitable extinguishing media** Alcohol resistant foam. Water fog. Carbon dioxide (CO2). Dry chemical powder, carbon dioxide. sand or earth may be used for small fires only.

Do not use water jet as an extinguisher, as this will spread the fire.

## Unsuitable extinguishing media Specific hazards arising from the chemical

Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. This liquid may accumulate static electricity when filling properly grounded containers. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed.

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

## Special protective equipment and precautions for firefighters Fire fighting equipment/instructions

In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

## Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials.

## General fire hazards

Highly flammable liquid and vapor.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Transfer by mechanical means such as vacuum truck to a salvage tank or other suitable container for recovery or safe disposal. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

### Methods and materials for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material.

**Large Spills:** Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

**Small Spills:** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

## Environmental precautions

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination.

## 7. Handling and storage

### Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Should be handled in closed systems, if possible. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

For additional information on equipment bonding and grounding, refer to the Canadian Electrical Code in Canada, (CSA C22.1), or the American Petroleum Institute (API) Recommended Practice 2003, "Protection Against Ignitions Arising out of Static, Lightning, and Stray Currents" or National Fire Protection Association (NFPA) 77, "Recommended Practice on Static Electricity" or National Fire Protection Association (NFPA) 70, "National Electrical Code".

**Conditions for safe storage.** Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge **including any incompatibilities** build-up by using common bonding and grounding techniques. Eliminate sources of ignition. Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove

static electricity. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS)

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
2,6-Dimethyl-4-heptanone (CAS 108-83-8)	PEL	290 mg/m <sup>3</sup>
Ethyl Acetate 99% (CAS 141-78-6)	PEL	50 ppm 1400 mg/m <sup>3</sup>
Methyl Ethyl Ketone (CAS 78-93-3)	PEL	400 ppm 590 mg/m <sup>3</sup>
Methyl Isobutyl Ketone (CAS 108-10-1)	PEL	200 ppm 410 mg/m <sup>3</sup>
Methyl n-Amyl Ketone (CAS 110-43-0)	PEL	100 ppm 465 mg/m <sup>3</sup>
N-Butyl Acetate (CAS 123-86-4)	PEL	100 ppm 710 mg/m <sup>3</sup>
Phosphoric Acid Regulatory (CAS 7664-38-2)	PEL	150 ppm 1 mg/m <sup>3</sup>

#### US. OSHA Table Z-3 (29 CFR 1910.1000)

Components	Type	Value
Silica, amorphous, precipitated and gel (CAS 112926-00-8)	TWA	0.8 mg/m <sup>3</sup>
Silicon dioxide (CAS 112945-52-5)	TWA	20 mppcf 0.8 mg/m <sup>3</sup>

#### US. ACGIH Threshold Limit Values

Components	Type	Value
2,6-Dimethyl-4-heptanone (CAS 108-83-8)	TWA	25 ppm
Ethyl Acetate 99% (CAS 141-78-6)	TWA	400 ppm
Methyl Ethyl Ketone (CAS 78-93-3)	STEL	300 ppm
Methyl Isobutyl Ketone (CAS 108-10-1)	TWA	200 ppm
	STEL	75 ppm
Methyl n-Amyl Ketone (CAS 110-43-0)	TWA	20 ppm
	TWA	50 ppm
N-Butyl Acetate (CAS 123-86-4)	STEL	200 ppm
Phosphoric Acid Regulatory (CAS 7664-38-2)	TWA	150 ppm
	STEL	3 mg/m <sup>3</sup>
	TWA	1 mg/m <sup>3</sup>

**US. NIOSH: Pocket Guide to Chemical Hazards**

Components	Type	Value
2,6-Dimethyl-4-heptanone (CAS 108-83-8)	TWA	150 mg/m3
Ethyl Acetate 99% (CAS 141-78-6)	TWA	25 ppm 1400 mg/m3
Methyl Ethyl Ketone (CAS 78-93-3)	STEL	400 ppm 885 mg/m3
Methyl Isobutyl Ketone (CAS 108-10-1)	TWA	300 ppm 590 mg/m3
	STEL	200 ppm 300 mg/m3
Methyl n-Amyl Ketone (CAS 110-43-0)	TWA	75 ppm 205 mg/m3
	TWA	50 ppm 465 mg/m3
N-Butyl Acetate (CAS 123-86-4)	STEL	100 ppm 950 mg/m3
	TWA	200 ppm 710 mg/m3
Phosphoric Acid Regulatory (CAS 7664-38-2)	STEL	150 ppm 3 mg/m 3
	TWA	1 mg/m 3
Silica, amorphous, precipitated and gel (CAS 112926-00-8)	TWA	6 mg/m 3
	TWA	6 mg/m 3
Silicon dioxide (CAS 112945-52-5)	TWA	6 mg/m3

Components	Value	Determinant	Specimen	Sampling Time
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Methyl Ethyl Ketone (CAS 78-93-3)	2 mg/l	MEK	Urine	*
Methyl Isobutyl Ketone (CAS 108-10-1)	1 mg/l	Methyl isobutyl ketone	Urine	*

\* - For sampling details, please see the source document.  
(CAS 108-65-6)

**Biological limit values**

**ACGIH Biological Exposure Indices**

**Exposure guidelines**

**US - California OELs: Skin designation**

Glycol Ether PM Acetate (CAS 108-65-6) Can be absorbed through the skin.

**Appropriate engineering controls**

Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

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

**Eye/face protection**

Chemical respirator with organic vapor cartridge and full facepiece

**Skin protection**

**Hand protection**

Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier

<b>Other</b>	Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended
<b>Respiratory protection</b>	Chemical respirator with organic vapor cartridge and full facepiece.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>General hygiene considerations</b>	When using do not smoke Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

### Appearance

<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Colorless
<b>Odor</b>	Solvent
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available .
<b>Melting point/freezing point</b>	-123.95 °F (-86.64 °C) estimated
<b>Initial boiling point and boiling range</b>	170.6 °F (77 °C) estimated
<b>Flash point</b>	15.8 °C (-9.0 °C) estimated
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not applicable.

### Upper/lower flammability or explosive limits

<b>Flammability limit - lower</b>	0.8 % estimated
(%)>	
<b>Flammability limit - upper</b>	10 % estimated
(%)	
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%) Vapor pressure</b>	Not available 90.7 hPa estimated
<b>Relative density</b>	Not available Not available.

### Solubility(ics)

<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	745 °F (396.11 °C) estimated
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>Density</b>	0.87 g/cm3 estimated
<b>Flammability class</b>	Flammable IB estimated 99.19
<b>Percent volatile</b>	w/w % By Weight 99 45 v/v % By Volume 0 87 estimated
<b>Specific gravity</b>	7.25 lb/gal (Actual VOC - With Water Less Exempts)
<b>VOC (Weight %)</b>	7.25 lb/gal (Regulatory VOC - Less Water Less Exempts) 868.92 g/L (Regulatory VOC - Less Water Less Exempts) 868.92 g/L (Actual VOC - With Water With Exempts)

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.

<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	Avoid heat, sparks, open flames and other ignition sources Avoid temperatures exceeding the flash point. Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidizing agents. Nitrates. Ammonia. Amines. Isocyanates. Caustics.
<b>Hazardous decomposition products</b>	No hazardous decomposition products are known.

## 11. Toxicological information

### Information on likely routes of exposure

**Inhalation** Toxic if inhaled. May cause damage to organs through prolonged or repeated exposure by inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting

**Skin contact** Causes skin irritation.

**Eye contact** Causes serious eye irritation.

**Ingestion** Expected to be a low ingestion hazard.

**Symptoms related to the physical, chemical and toxicological characteristics** Headache. May cause drowsiness and dizziness. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision May cause respiratory irritation. Skin irritation May cause redness and pain.

### Information on toxicological effects

**Acute toxicity** Toxic if inhaled. Narcotic effects May cause respiratory irritation

<b>Components</b>	<b>Species</b>	<b>Test Results</b>
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2.6-Dimethyl-4-heptanone (CAS 108-83-8)

**Acute**

**Dermal**

LD50

Rabbit

16200 mg/kg

Rat

> 2000 mg/kg

**Inhalation**

LC50

Rat

> 5 mg/l, 4 Hours

**Oral**

LD50

Mouse

1416 mg/kg

Rat

5285 mg/kg

Ethyl Acetate 99% (CAS 141-78-6)

**Acute**

**Inhalation**

LC50

Rat

16000 ppm. 6 Hours

LD50

Mouse

1500 ppm, 4 Hours

Rabbit

2500 ppm. 4 Hours

Rat

4000 ppm, 4 Hours

**Oral**

LD50

Mouse

0.44 g/kg

Rabbit

4.9 g/kg

Rat

11.3 ml/kg

5.6 g/kg

Methyl Ethyl Ketone (CAS 78-93-3)

**Acute**

**Dermal**

LD50

Rabbit

> 8000 mg/kg

**Inhalation**

LC50

Mouse

11000 ppm. 45 Minutes

Rat

11700 ppm. 4 Hours

Components	Species	Test Results
<b>Oral</b>		
LD50	Mouse	670 mg/kg
	Rat	2300 - 3500 mg/kg
Methyl Isobutyl Ketone (CAS 108-10-1)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 16000 mg/kg
<b>Inhalation</b>		
LC50	Rat	8.2 mg/l, 4 Hours
<b>Oral</b>		
LD50	Rat	2080 mg/kg
Methyl n-Amyl Ketone (CAS 110-43-0)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	12600 mg/kg
<b>Oral</b>		
LD50	Mouse	730 mg/kg
	Rat	1.67 g/kg
N-Butyl Acetate (CAS 123-86-4)		
<b>Acute</b>		
<b>Inhalation</b>		
LC50	Wistar rat	160 mg/l. 4 Hours
<b>Oral</b>		
LD50	Rat	14000 mg/kg
Phosphoric Acid Regulatory (CAS 7664-38-2)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	2740 mg/kg
<b>Oral</b>		
LD50	Rat	1530 mg/kg
Silica, amorphous, precipitated and gel (CAS 112926-00-8)		
<b>Acute</b>		
<b>Oral</b>		
LD50	Mouse	> 15000 mg/kg
	Rat	> 22500 mg/kg
Silicon dioxide (CAS 112945-52-5)		
<b>Acute</b>		
<b>Oral</b>		
LD50	Mouse	> 15000 mg/kg
	Rat	> 22500 mg/kg

<sup>1</sup> Estimates for product may be based on additional component data not shown.

<b>Skin corrosion/irritation</b>	Causes skin irritation.	
<b>Serious eye damage/eye irritation</b>	Causes serious eye irritation	
<b>Respiratory or skin sensitization</b>		
<b>Respiratory sensitization</b>	Not a respiratory sensitizer.	
<b>Skin sensitization</b>	This product is not expected to cause skin sensitization,	
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1' are mutagenic or genotoxic Suspected of causing cancer.	
<b>Carcinogenicity</b>		



**IARC Monographs. Overall Evaluation of Carcinogenicity**

Methyl Isobutyl Ketone (CAS 108-10-1)	2B Possibly carcinogenic to humans.
Silica, amorphous, precipitated and gel (CAS 112926-00-8)	3 Not classifiable as to carcinogenicity to humans.
Silicon dioxide (CAS 112945-52-5)	3 Not classifiable as to carcinogenicity to humans

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not listed

**Reproductive toxicity** This product is not expected to cause reproductive or developmental effects.**Specific target organ toxicity - single exposure** - May cause respiratory irritation May cause drowsiness and dizziness**Specific target organ toxicity - repeated exposure** - May cause damage to organs through prolonged or repeated exposure.**Aspiration hazard** Not an aspiration hazard.**Chronic effects** May cause damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects**12. Ecological information****Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment

Components	Species	Test Results
Ethyl Acetate 99% (CAS 141-78-6)		
<b>Aquatic</b>		
Fish LC50	Indian catfish ( <i>Heteropneustes fossilis</i> )	200.32 - 225.42 mg/l, 96 hours
Methyl Ethyl Ketone (CAS 78-93-3)		
<b>Aquatic</b>		
Crustacea EC50	Water flea ( <i>Daphnia magna</i> )	4025 - 6440 mg/l, 48 hours
Fish LC50	Sheepshead minnow ( <i>Cyprinodon variegatus</i> )	> 400 mg/l, 96 hours
Methyl Isobutyl Ketone (CAS 108-10-1)		
<b>Aquatic</b>		
Fish LC50	Fathead minnow ( <i>Pimephales promelas</i> )	492 - 593 mg/l, 96 hours
Methyl n-Amyl Ketone (CAS 110-43-0)		
<b>Aquatic</b>		
Fish LC50	Fathead minnow ( <i>Pimephales promelas</i> )	126- 137 mg/l, 96 hours
N-Butyl Acetate (CAS 123-86-4)		
<b>Aquatic</b>		
Fish LC50	Fathead minnow ( <i>Pimephales promelas</i> )	17 -19 mg/l, 96 hours

\* Estimates for product may be based on additional component data not shown. **Persistence and degradability** No data is available on the degradability of this product.

**Bioaccumulative potential****Partition coefficient n-octanol / water (log Kow)**

Ethyl Acetate 99%	0.73
Methyl Ethyl Ketone	0.29
Methyl Isobutyl Ketone	1.31
Methyl n-Amyl Ketone	1.98
N-Butyl Acetate	1.78

**Mobility in soil** No data available.**Other adverse effects** No other adverse environmental effects (e g ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.**13. Disposal considerations****Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site Dispose of contents/container in accordance with local/regional/national/international regulations.**Local disposal regulations** Dispose in accordance with all applicable regulations.

<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unusod products</b>	Dispose of in accordance with local regulations Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see Disposal instructions).
<b>Contaminated packaging</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

The following transportation information is provided based on the manufacturer's interpretation of shipping regulations. Each shipper is responsible for identifying, naming, marking, and labeling prior to offering for transport.

<b>Special provisions</b>	149. B52, IB2, T4. TP1. TP8, TP28
<b>Packaging exceptions</b>	150
<b>Packaging non bulk</b>	173
<b>Packaging bulk</b>	242

**IATA**

<b>UN number</b>	UN 1263
<b>UN proper shipping name</b>	Paint related material (including paint thinning or reducing compounds)
<b>Transport hazard class(es)</b>	
<b>Class</b>	3
<b>Subsidiary risk</b>	
<b>Packing group</b>	II
<b>Environmental hazards</b>	No.

**ERG Code** 3L

**Special precautions for user** Read safety instructions. SDS and emergency procedures before handling

**Other information**

<b>Passenger and cargo aircraft</b>	Allowed.
<b>Cargo aircraft only</b>	Allowed.

**IMDG**

<b>UN number</b>	UN1263
<b>UN proper shipping name</b>	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)
<b>Transport hazard class(es)</b>	
<b>Class</b>	3
<b>Subsidiary risk</b>	
<b>Packing group</b>	II
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	No.
<b>EmS</b>	F-E. S-E

**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling **Transport in bulk according to** Not established.

**Annex II of MARPOL 73/78 and the IBC Code**



IATA; IMDG



## 15. Regulatory information

### US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200 One or more

components are not listed on TSCA TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated

### CERCLA Hazardous Substance List (40 CFR 302.4)

Ethyl Acetate 99% (CAS 141-78-6)	Listed.
Methyl Ethyl Ketone (CAS 78-93-3)	Listed.
Methyl Isobutyl Ketone (CAS 108-10-1)	Listed.
N-Butyl Acetate (CAS 123-86-4)	Listed.
Phosphoric Acid Regulatory (CAS 7664-38-2)	Listed.

SARA 304 Emergency release notification Not regulated

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard - Yes
	Delayed Hazard - Yes
	Fire Hazard - Yes
	Pressure Hazard - No
	Reactivity Hazard - No

### SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous No chemical

### SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
Methyl Isobutyl Ketone	108-10-1	0 - < 5

### Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Methyl Isobutyl Ketone (CAS 108-10-1)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated

Safe Drinking Water Act Not regulated (SDWA)

### Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(0(2) and Chemical Code Number

Methyl Ethyl Ketone (CAS 78-93-3)	6714
Methyl Isobutyl Ketone (CAS 108-10-1)	6715

**Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))**

Methyl Ethyl Ketone (CAS 78-93-3) 35 %WV

Methyl Isobutyl Ketone (CAS 108-10-1) 35 %WV

**DEA Exempt Chemical Mixtures Code Number**

Methyl Ethyl Ketone (CAS 78-93-3) 6714

Methyl Isobutyl Ketone (CAS 108-10-1) 6715

**US state regulations****US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)** Not listed.**US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, su (a))**

Methyl Ethyl Ketone (CAS 78-93-3)

Methyl Isobutyl Ketone (CAS 108-10-1)

Phosphoric Acid Regulatory (CAS 7664-38-2)

**US. Massachusetts RTK - Substance List**

2,6- Dimethyl-4-heptanone (CAS 108-83-8)

Ethyl Acetate 99% (CAS 141-78-6)

Methyl Ethyl Ketone (CAS 78-93-3)

Methyl Isobutyl Ketone (CAS 108-10-1)

Methyl n-Amyl Ketone (CAS 110-43-0)

N-Butyl Acetate (CAS 123-86-4)

Phosphoric Acid Regulatory (CAS 7664-38-2)

Silica, amorphous, precipitated and gel (CAS 112926-00-8)

Silicon dioxide (CAS 112945-52-5)

**US. New Jersey Worker and Community Right-to-Know Act**

2,6- Dimethyl-4-heptanone (CAS 108-83-8)

Ethyl Acetate 99% (CAS 141-78-6)

Methyl Ethyl Ketone (CAS 78-93-3)

Methyl Isobutyl Ketone (CAS 108-10-1)

Methyl n-Amyl Ketone (CAS 110-43-0)

N-Butyl Acetate (CAS 123-864)

Phosphoric Acid Regulatory (CAS 7664-38-2)

Silica, amorphous, precipitated and gel (CAS 112926-00-8)

**US. Pennsylvania Worker and Community Right-to-Know Law**

2,6- Dimethyl-4-heptanone (CAS 108-83-8)

Ethyl Acetate 99% (CAS 141-78-6)

Methyl Ethyl Ketone (CAS 78-93-3)

Methyl Isobutyl Ketone (CAS 108-10-1)

Methyl n-Amyl Ketone (CAS 110-43-0)

N-Butyl Acetate (CAS 123-86-4)

Phosphoric Acid Regulatory (CAS 7664-38-2)

Silicon dioxide (CAS 112945-52-5)

**US. Rhode Island RTK**

Ethyl Acetate 99% (CAS 141-78-6)

Methyl Ethyl Ketone (CAS 78-93-3)

Methyl Isobutyl Ketone (CAS 108-10-1)

N-Butyl Acetate (CAS 123-86-4)

Phosphoric Acid Regulatory (CAS 7664-38-2)

**US. California Proposition 65**

WARNING' This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

**US - California Proposition 65 - CRT: Listed date/Carcinogenic substance** Methyl Isobutyl Ketone (CAS 108-10-1)

Listed: November 4, 2011

**US - California Proposition 65 - CRT: Listed date/Developmental toxin**

Methyl Isobutyl Ketone (CAS 108-10-1)

Listed: March 28, 2014

**International Inventories**

<b>Country(s) or region</b>	<b>Inventory name</b>	<b>On inventory (yes/no)*</b>
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

\*A "Yes" Indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**16. Other information, including date of preparation or last revision**

**Issue date** 06-12-2015

**Version #** 01

**Disclaimer**

Our Company cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.