

## 1. Identification

**Product identifier** **MAXIMUS INDUSTRIAL AEROSOL SPRAY ENAMEL - SAFETY YELLOW**

**Other means of identification**

**Product code** 245

**Recommended use** Industrial applications.

**Recommended restrictions** Professional use only

**Manufacturer/Importer/Supplier/Distributor information**

**Manufacturer**

<b>Company name</b>	Ellis Paint Company	
<b>Address</b>	3150 E. Pico Blvd. Los Angeles, CA 90023-3683 United States	
<b>Telephone</b>	Customer Service	(800) 672-4900
<b>Website</b>	www.ellispaint.com	
<b>E-mail</b>	info@ellispaint.com	
<b>Emergency phone number</b>	CHEMTREC	(800) 424-9300

## 2. Hazard(s) identification

<b>Physical hazards</b>	Flammable aerosols	Category 1
<b>Health hazards</b>	Serious eye damage/eye irritation	Category 2A
	Germ cell mutagenicity	Category 1B
	Carcinogenicity	Category 1A
	Specific target organ toxicity, single exposure	Category 3 narcotic effects
	Specific target organ toxicity, repeated exposure	Category 1
<b>Environmental hazards</b>	Not classified.	
<b>OSHA defined hazards</b>	Not classified.	

**Label elements**



**Signal word** Danger

**Hazard statement** Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes serious eye irritation. May cause drowsiness or dizziness. May cause genetic defects. May cause cancer. Causes 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. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear eye protection/face protection. Wear protective gloves/protective clothing/eye protection/face protection.

**Response** 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. If exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. If eye irritation persists: Get medical advice/attention.

**Storage** Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

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

**Hazard(s) not otherwise classified (HNOC)** None known.  
**Supplemental information** None.

### 3. Composition/information on ingredients

#### Mixtures

Chemical name	Common name and synonyms	CAS number	%
ACETONE		67-64-1	10 - < 20
PROPANE		74-98-6	10 - < 20
BARIUM SULFATE		7727-43-7	5 - < 10
ETHYLENE GLYCOL MONOPROPYL ETHER		2807-30-9	5 - < 10
METHYL ISOBUTYL KETONE(MIBK)		108-10-1	5 - < 10
n-BUTANE		106-97-8	5 - < 10
TITANIUM DIOXIDE		13463-67-7	3 - < 5
BENZENE, DIMETHYL		1330-20-7	1 - < 3
ISOBUTYL ACETATE		110-19-0	1 - < 3
METHYL PROPYL KETONE(MPK)		107-87-9	1 - < 3
PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE		108-65-6	1 - < 3

\*The exact percentage (concentration) 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. Call a POISON CENTER or doctor/physician if you feel unwell.

**Skin contact** Wash off with soap and water. Get medical attention if irritation develops and persists.

**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Ingestion** In the unlikely event of swallowing contact a physician or poison control center. Rinse mouth.

**Most important symptoms/effects, acute and delayed** May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Prolonged exposure may cause chronic effects.

**Indication of immediate medical attention and special treatment needed** Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

**General information** 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.

### 5. Fire-fighting measures

**Suitable extinguishing media** Powder. Alcohol resistant foam. Carbon dioxide (CO2).

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical** Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

**Special protective equipment and precautions for firefighters** Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

**Fire fighting equipment/instructions** Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

**Specific methods** Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.

**General fire hazards** Extremely flammable aerosol.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. 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. 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

Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

### Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

## 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. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not breathe mist or vapor. Avoid contact with eyes. Avoid prolonged exposure. When using, do not eat, drink or smoke. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

### Conditions for safe storage, including any incompatibilities

Level 1 Aerosol.

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. 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	Form
ACETONE (CAS 67-64-1)	PEL	2400 mg/m <sup>3</sup> 1000 ppm	
BARIUM SULFATE (CAS 7727-43-7)	PEL	5 mg/m <sup>3</sup>	Respirable fraction.
BENZENE, DIMETHYL (CAS 1330-20-7)	PEL	15 mg/m <sup>3</sup> 435 mg/m <sup>3</sup>	Total dust.
ISOBUTYL ACETATE (CAS 110-19-0)	PEL	100 ppm 700 mg/m <sup>3</sup>	
METHYL ISOBUTYL KETONE(MIBK) (CAS 108-10-1)	PEL	150 ppm 410 mg/m <sup>3</sup>	
METHYL PROPYL KETONE(MPK) (CAS 107-87-9)	PEL	100 ppm 700 mg/m <sup>3</sup>	
PROPANE (CAS 74-98-6)	PEL	200 ppm 1800 mg/m <sup>3</sup>	
TITANIUM DIOXIDE (CAS 13463-67-7)	PEL	1000 ppm 15 mg/m <sup>3</sup>	Total dust.

**US. ACGIH Threshold Limit Values**

Components	Type	Value	Form
ACETONE (CAS 67-64-1)	STEL	750 ppm	
	TWA	500 ppm	
BARIUM SULFATE (CAS 7727-43-7)	TWA	5 mg/m3	Inhalable fraction.
BENZENE, DIMETHYL (CAS 1330-20-7)	STEL	150 ppm	
	TWA	100 ppm	
ISOBUTYL ACETATE (CAS 110-19-0)	TWA	150 ppm	
METHYL ISOBUTYL KETONE(MIBK) (CAS 108-10-1)	STEL	75 ppm	
	TWA	20 ppm	
METHYL PROPYL KETONE(MPK) (CAS 107-87-9)	STEL	150 ppm	
n-BUTANE (CAS 106-97-8)	STEL	1000 ppm	
TITANIUM DIOXIDE (CAS 13463-67-7)	TWA	10 mg/m3	

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

Components	Type	Value	Form
ACETONE (CAS 67-64-1)	TWA	590 mg/m3 250 ppm	
BARIUM SULFATE (CAS 7727-43-7)	TWA	5 mg/m3	Respirable.
		10 mg/m3	Total
ISOBUTYL ACETATE (CAS 110-19-0)	TWA	700 mg/m3	
		150 ppm	
METHYL ISOBUTYL KETONE(MIBK) (CAS 108-10-1)	STEL	300 mg/m3	
		75 ppm	
	TWA	205 mg/m3	
		50 ppm	
METHYL PROPYL KETONE(MPK) (CAS 107-87-9)	TWA	530 mg/m3	
		150 ppm	
n-BUTANE (CAS 106-97-8)	TWA	1900 mg/m3	
		800 ppm	
PROPANE (CAS 74-98-6)	TWA	1800 mg/m3	
		1000 ppm	

**US. Workplace Environmental Exposure Level (WEEL) Guides**

Components	Type	Value
PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE (CAS 108-65-6)	TWA	50 ppm

**Biological limit values****ACGIH Biological Exposure Indices**

Components	Value	Determinant	Specimen	Sampling Time
ACETONE (CAS 67-64-1)	50 mg/l	Acetone	Urine	*
BENZENE, DIMETHYL (CAS 1330-20-7)	1.5 g/g	Methylhippuric acids	Creatinine in urine	*
METHYL ISOBUTYL KETONE(MIBK) (CAS 108-10-1)	1 mg/l	Methyl isobutyl ketone	Urine	*

\* - For sampling details, please see the source document.

## Exposure guidelines

### US - California OELs: Skin designation

PROPYLENE GLYCOL MONOMETHYL ETHER                      Can be absorbed through the skin.  
ACETATE (CAS 108-65-6)

**Appropriate engineering controls**                      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. Provide eyewash station.

### 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.

**Other**                      Wear suitable protective clothing. Use of an impervious apron is recommended.

**Respiratory protection**                      Chemical respirator with organic vapor cartridge and full facepiece.

**Thermal hazards**                      Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations**                      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

**Physical state**                      Liquid.

**Form**                      Aerosol.

**Color**                      Yellow.

**Odor**                      Aromatic.

**Odor threshold**                      Not available.

**pH**                      Not available.

**Melting point/freezing point**                      Not available.

**Initial boiling point and boiling range**                      -47.2 °F (-44 °C)

**Flash point**                      -2.2 °F (-19.0 °C)

**Evaporation rate**                      Not available.

**Flammability (solid, gas)**                      Not applicable.

### Upper/lower flammability or explosive limits

**Explosive limit - lower (%)**                      1.7 %

**Explosive limit - upper (%)**                      10.9 %

**Vapor pressure**                      Not available.

**Vapor density**                      Not available.

**Relative density**                      0.77 - 0.85

### Solubility(ies)

**Solubility (water)**                      Not available.

**Partition coefficient (n-octanol/water)**                      Not available.

**Auto-ignition temperature**                      Not available.

**Decomposition temperature**                      Not available.

**Viscosity**                      Not available.

### Other information

**Explosive properties**                      Not explosive.

**Flammability class**                      Flammable IA estimated

**Heat of combustion (NFPA 30B)**                      17.6 kJ/g estimated

<b>Oxidizing properties</b>	Not oxidizing.
<b>Percent volatile</b>	66 % estimated
<b>VOC</b>	4.1 lbs/gal (491.3 g/l) 46.5 % (less exempt solvents) 1.08 MIR Value

## 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 temperatures exceeding the flash point. Contact with incompatible materials.
<b>Incompatible materials</b>	Strong acids. Strong oxidizing agents. Nitrates. Aluminum. Halogens. Phosphorus. Fluorine. Chlorine.
<b>Hazardous decomposition products</b>	No hazardous decomposition products are known.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	May cause damage to organs through prolonged or repeated exposure by inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting.
<b>Skin contact</b>	No adverse effects due to skin contact are expected.
<b>Eye contact</b>	Causes serious eye irritation.
<b>Ingestion</b>	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.

### Information on toxicological effects

**Acute toxicity** Narcotic effects.

Components	Species	Test Results
ACETONE (CAS 67-64-1)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 5000 mg/kg
<b>Inhalation</b>		
LC50	Rat	> 20 mg/l, 4 Hours
<b>Oral</b>		
LD50	Rat	> 5000 mg/kg
BENZENE, DIMETHYL (CAS 1330-20-7)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 43 g/kg
<b>Inhalation</b>		
LC50	Mouse	3907 mg/l, 6 Hours
	Rat	6350 mg/l, 4 Hours
<b>Oral</b>		
LD50	Mouse	1590 mg/kg
	Rat	3523 - 8600 mg/kg
ETHYLENE GLYCOL MONOPROPYL ETHER (CAS 2807-30-9)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	0.87 g/kg

Components	Species	Test Results
<b>Inhalation</b>		
LC50	Rat	1530 mg/l, 7 Hours
<b>Oral</b>		
LD50	Mouse	2.4 g/kg
	Rat	4.45 g/kg
ISOBUTYL ACETATE (CAS 110-19-0)		
<b>Acute</b>		
<b>Oral</b>		
LD50	Rabbit	4.8 g/kg
METHYL ISOBUTYL KETONE(MIBK) (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 PROPYL KETONE(MPK) (CAS 107-87-9)		
<b>Acute</b>		
<b>Oral</b>		
LD50	Rat	3.73 g/kg
n-BUTANE (CAS 106-97-8)		
<b>Acute</b>		
<b>Inhalation</b>		
LC50	Mouse	680 mg/l, 2 Hours
	Rat	658 mg/l, 4 Hours
PROPANE (CAS 74-98-6)		
<b>Acute</b>		
<b>Inhalation</b>		
LC50	Rat	> 1442.847 mg/l, 15 Minutes

\* Estimates for product may be based on additional component data not shown.

<b>Skin corrosion/irritation</b>	Prolonged skin contact may cause temporary 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>	May cause genetic defects.
<b>Carcinogenicity</b>	May cause cancer.
<b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>	
BENZENE, DIMETHYL (CAS 1330-20-7)	3 Not classifiable as to carcinogenicity to humans.
METHYL ISOBUTYL KETONE(MIBK) (CAS 108-10-1)	2B Possibly carcinogenic to humans.
TITANIUM DIOXIDE (CAS 13463-67-7)	2B Possibly carcinogenic to humans.
<b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b>	
Not listed.	
<b>Reproductive toxicity</b>	Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals.
<b>Specific target organ toxicity - single exposure</b>	May cause drowsiness and dizziness.
<b>Specific target organ toxicity - repeated exposure</b>	Causes damage to organs through prolonged or repeated exposure.

<b>Aspiration hazard</b>	Not an aspiration hazard.
<b>Chronic effects</b>	Causes 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
<b>ACETONE (CAS 67-64-1)</b>		
<i>Acute</i>		
Other	LC50	Micro-organisms > 100 mg/l
<b>Aquatic</b>		
<i>Acute</i>		
Algae	LC50	Algae > 100 mg/l
Crustacea	LC50	Crustacea > 100 mg/l
Fish	LC50	Fish > 100 mg/l
<i>Chronic</i>		
Crustacea	NOEC	Crustacea 10 - 100 mg/l
<b>BARIUM SULFATE (CAS 7727-43-7)</b>		
<b>Aquatic</b>		
Crustacea	EC50	Tubificid worm (Tubifex tubifex) 28.61 - 38.03 mg/l, 48 hours
<b>BENZENE, DIMETHYL (CAS 1330-20-7)</b>		
<b>Aquatic</b>		
Fish	LC50	Bluegill (Lepomis macrochirus) 7.711 - 9.591 mg/l, 96 hours
<b>METHYL ISOBUTYL KETONE(MIBK) (CAS 108-10-1)</b>		
<b>Aquatic</b>		
Fish	LC50	Fathead minnow (Pimephales promelas) 492 - 593 mg/l, 96 hours
<b>METHYL PROPYL KETONE(MPK) (CAS 107-87-9)</b>		
<b>Aquatic</b>		
Fish	LC50	Fathead minnow (Pimephales promelas) 1190 - 1290 mg/l, 96 hours
<b>TITANIUM DIOXIDE (CAS 13463-67-7)</b>		
<b>Aquatic</b>		
Crustacea	EC50	Water flea (Daphnia magna) > 1000 mg/l, 48 hours
Fish	LC50	Mummichog (Fundulus heteroclitus) > 1000 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)

ACETONE	0.2, (log Pow)
BENZENE, DIMETHYL	3.12 - 3.2
ISOBUTYL ACETATE	1.78
METHYL ISOBUTYL KETONE(MIBK)	1.38
METHYL PROPYL KETONE(MPK)	0.91
n-BUTANE	2.89
PROPANE	2.36

**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. Contents under pressure. Do not puncture, incinerate or crush. 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 / unused 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. Do not re-use empty containers.

## 14. Transport information

### DOT

<b>UN number</b>	UN1950
<b>UN proper shipping name</b>	Aerosols, flammable, (each not exceeding 1 L capacity)
<b>Transport hazard class(es)</b>	
<b>Class</b>	2.1
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	2.1
<b>Packing group</b>	Not applicable.
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Special provisions</b>	N82
<b>Packaging exceptions</b>	306
<b>Packaging non bulk</b>	None
<b>Packaging bulk</b>	None

### IATA

<b>UN number</b>	UN1950
<b>UN proper shipping name</b>	Aerosols, flammable
<b>Transport hazard class(es)</b>	
<b>Class</b>	2.1
<b>Subsidiary risk</b>	-
<b>Packing group</b>	Not applicable.
<b>Environmental hazards</b>	No.
<b>ERG Code</b>	10L
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Other information</b>	
<b>Passenger and cargo aircraft</b>	Allowed.
<b>Cargo aircraft only</b>	Allowed.

### IMDG

<b>UN number</b>	UN1950
<b>UN proper shipping name</b>	AEROSOLS
<b>Transport hazard class(es)</b>	
<b>Class</b>	2
<b>Subsidiary risk</b>	-
<b>Packing group</b>	Not applicable.
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	No.
<b>EmS</b>	F-D, S-U
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not established.

DOT



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.

#### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

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

ACETONE (CAS 67-64-1)	Listed.
BARIUM SULFATE (CAS 7727-43-7)	Listed.
BENZENE, DIMETHYL (CAS 1330-20-7)	Listed.
ETHYLENE GLYCOL MONOPROPYL ETHER (CAS 2807-30-9)	Listed.
ISOBUTYL ACETATE (CAS 110-19-0)	Listed.
METHYL ISOBUTYL KETONE(MIBK) (CAS 108-10-1)	Listed.
METHYL PROPYL KETONE(MPK) (CAS 107-87-9)	Listed.
n-BUTANE (CAS 106-97-8)	Listed.
PROPANE (CAS 74-98-6)	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 chemical** No

#### SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
ETHYLENE GLYCOL MONOPROPYL ETHER	2807-30-9	5 - < 10
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5 - < 10
BENZENE, DIMETHYL	1330-20-7	1 - < 3

### Other federal regulations

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

BENZENE, DIMETHYL (CAS 1330-20-7)

ETHYLENE GLYCOL MONOPROPYL ETHER (CAS 2807-30-9)  
METHYL ISOBUTYL KETONE(MIBK) (CAS 108-10-1)

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

n-BUTANE (CAS 106-97-8)  
PROPANE (CAS 74-98-6)

**Safe Drinking Water Act (SDWA)** Not regulated.

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

ACETONE (CAS 67-64-1)	6532
METHYL ISOBUTYL KETONE(MIBK) (CAS 108-10-1)	6715

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

ACETONE (CAS 67-64-1)	35 %WV
METHYL ISOBUTYL KETONE(MIBK) (CAS 108-10-1)	35 %WV

**DEA Exempt Chemical Mixtures Code Number**

ACETONE (CAS 67-64-1)	6532
METHYL ISOBUTYL KETONE(MIBK) (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, subd. (a))**

ACETONE (CAS 67-64-1)  
BENZENE, DIMETHYL (CAS 1330-20-7)  
ETHYLENE GLYCOL MONOPROPYL ETHER (CAS 2807-30-9)  
METHYL ISOBUTYL KETONE(MIBK) (CAS 108-10-1)  
n-BUTANE (CAS 106-97-8)  
TITANIUM DIOXIDE (CAS 13463-67-7)

**US. Massachusetts RTK - Substance List**

ACETONE (CAS 67-64-1)  
BARIUM SULFATE (CAS 7727-43-7)  
BENZENE, DIMETHYL (CAS 1330-20-7)  
ISOBUTYL ACETATE (CAS 110-19-0)  
METHYL ISOBUTYL KETONE(MIBK) (CAS 108-10-1)  
METHYL PROPYL KETONE(MPK) (CAS 107-87-9)  
n-BUTANE (CAS 106-97-8)  
PROPANE (CAS 74-98-6)  
TITANIUM DIOXIDE (CAS 13463-67-7)

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

ACETONE (CAS 67-64-1)  
BARIUM SULFATE (CAS 7727-43-7)  
BENZENE, DIMETHYL (CAS 1330-20-7)  
ETHYLENE GLYCOL MONOPROPYL ETHER (CAS 2807-30-9)  
ISOBUTYL ACETATE (CAS 110-19-0)  
METHYL ISOBUTYL KETONE(MIBK) (CAS 108-10-1)  
METHYL PROPYL KETONE(MPK) (CAS 107-87-9)  
n-BUTANE (CAS 106-97-8)  
PROPANE (CAS 74-98-6)  
TITANIUM DIOXIDE (CAS 13463-67-7)

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

ACETONE (CAS 67-64-1)  
BARIUM SULFATE (CAS 7727-43-7)  
BENZENE, DIMETHYL (CAS 1330-20-7)  
ETHYLENE GLYCOL MONOPROPYL ETHER (CAS 2807-30-9)  
ISOBUTYL ACETATE (CAS 110-19-0)  
METHYL ISOBUTYL KETONE(MIBK) (CAS 108-10-1)  
METHYL PROPYL KETONE(MPK) (CAS 107-87-9)  
n-BUTANE (CAS 106-97-8)  
PROPANE (CAS 74-98-6)

TITANIUM DIOXIDE (CAS 13463-67-7)

**US. Rhode Island RTK**

ACETONE (CAS 67-64-1)  
BENZENE, DIMETHYL (CAS 1330-20-7)  
ETHYLENE GLYCOL MONOPROPYL ETHER (CAS 2807-30-9)  
ISOBUTYL ACETATE (CAS 110-19-0)  
METHYL ISOBUTYL KETONE(MIBK) (CAS 108-10-1)  
n-BUTANE (CAS 106-97-8)  
PROPANE (CAS 74-98-6)

**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**

BENZENE (CAS 71-43-2)	Listed: February 27, 1987
ETHYLBENZENE (CAS 100-41-4)	Listed: June 11, 2004
METHYL ISOBUTYL KETONE(MIBK) (CAS 108-10-1)	Listed: November 4, 2011
TITANIUM DIOXIDE (CAS 13463-67-7)	Listed: September 2, 2011

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

BENZENE (CAS 71-43-2)	Listed: December 26, 1997
METHYL ISOBUTYL KETONE(MIBK) (CAS 108-10-1)	Listed: March 28, 2014

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

BENZENE (CAS 71-43-2)	Listed: December 26, 1997
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**International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*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	02-05-2016
Version #	01
HMIS® ratings	Health: 2* Flammability: 4 Physical hazard: 0
NFPA ratings	Health: 2 Flammability: 4 Instability: 0

**NFPA ratings**



**Disclaimer**

The information contained herein is based on data supplied to us from sources believed to be reliable at the date of issue. Nothing herein shall be deemed to create any warranty of any kind, express or implied, concerning the accuracy or completeness of the information provided or the results to be obtained from the use thereof. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage, transportation, handling and disposal of the product in compliance with applicable federal, state and local laws and regulations. This information relates to the material designated and may not be valid for such material used in combination with any other materials nor in any process.