

**SECTION 1: Identification****1.1. Identification**

Product form	: Substance
Trade name	: METHYL ISOBUTYL KETONE (MIBK)
CAS No	: 108-10-1
Product code	: FAD0043
Formula	: C <sub>6</sub> H <sub>12</sub> O
Synonyms	: 2-methyl-4-pentanone / 2-methylpropyl methyl ketone / 2-pentanone, 4-methyl- / 4-methyl-2-oxopentane / 4-methyl-2-pentanone / 4-methylpentan-2-one / AI3-01229 / Caswell No. 574AA / FEMA No 2731 / hexanone (=methyl isobutyl keton) / hexone / iso-butyl ketone / isobutyl methyl ketone / isopropylacetone (=4-methyl-2-pentanone) / ketone, isobutyl methyl / Methyl isobutyl ketone / MIBK (=methyl isobutyl ketone) / MIK / SHELL MIBK
BIG no	: 10123

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Use of the substance/mixture	: Solvent Chemical raw material Chemical intermediate Odorant
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**1.3. Details of the supplier of the safety data sheet**

Endura Manufacturing Co. Ltd  
12425 149 Street  
Edmonton, T5L 2J6 - Canada  
T 780-451-4242 - F 780-452-5079  
[info@endura.ca](mailto:info@endura.ca) - [www.endura.ca](http://www.endura.ca)

**1.4. Emergency telephone number**

Emergency number	: In the event of an emergency involving dangerous goods: in Canada call CANUTEC at 613-996-6666 or *666 on a cellular phone. in the US call CHEMTREC at 800-424-9300 (Account Name for US is Polyglass Coatings)
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**SECTION 2: Hazard(s) identification****2.1. Classification of the substance or mixture****GHS-US classification**

Flam. Liq. 2	H225 - Highly flammable liquid and vapor
Acute Tox. 4 (Inhalation:dust,mist)	H332 - Harmful if inhaled
Eye Irrit. 2A	H319 - Causes serious eye irritation
Carc. 2	H351 - Suspected of causing cancer
STOT SE 3	H335 - May cause respiratory irritation

Full text of H statements : see section 16

**2.2. Label elements****GHS-US labeling**

Hazard pictograms (GHS-US)



Signal word (GHS-US)

: Danger

Hazard statements (GHS-US)

: H225 - Highly flammable liquid and vapor  
H319 - Causes serious eye irritation  
H332 - Harmful if inhaled  
H335 - May cause respiratory irritation  
H351 - Suspected of causing cancer

Precautionary statements (GHS-US)

: P201 - Obtain special instructions before use  
P202 - Do not handle until all safety precautions have been read and understood  
P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
P233 - Keep container tightly closed  
P240 - Ground/bond container and receiving equipment

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P241 - Use explosion-proof electrical/ventilating/lighting equipment  
P242 - Use only non-sparking tools  
P243 - Take precautionary measures against static discharge  
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray  
P264 - Wash thoroughly after handling  
P271 - Use only outdoors or in a well-ventilated area  
P280 - Wear protective gloves/protective clothing/eye protection/face protection  
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower  
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing  
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P308+P313 - If exposed or concerned: Get medical advice/attention  
P312 - Call a poison center or a doctor if you feel unwell  
P337+P313 - If eye irritation persists: Get medical advice/attention  
P370+P378 - In case of fire: Use dry chemical powder, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>) to extinguish  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed  
P403+P235 - Store in a well-ventilated place. Keep cool  
P405 - Store locked up  
P501 - Dispose of contents/container in accordance with all local, regional, national and international regulations

### 2.3. Other hazards

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: Composition/Information on ingredients

### 3.1. Substance

Name	Product identifier	%	GHS-US classification
methyl isobutyl ketone (Main constituent)	(CAS No) 108-10-1	100	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation:dust,mist), H332 Eye Irrit. 2A, H319 Carc. 2, H351 STOT SE 3, H335

Full text of H-phrases: see section 16

### 3.2. Mixture

Not applicable

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : Check the vital functions. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim conscious with laboured breathing: half-seated. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital. Never give alcohol to drink.

First-aid measures after inhalation : Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.

First-aid measures after skin contact : Wash immediately with lots of water. Soap may be used. Do not apply (chemical) neutralizing agents. Take victim to a doctor if irritation persists.

First-aid measures after eye contact : Rinse immediately with plenty of water. Do not apply neutralizing agents. Take victim to an ophthalmologist if irritation persists.

First-aid measures after ingestion : Rinse mouth with water. Do not induce vomiting. Give activated charcoal. Immediately call a poison center or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. Ingestion of large quantities: immediately to hospital.

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

Symptoms/injuries after inhalation : Irritation of the respiratory tract. Irritation of the nasal mucous membranes. EXPOSURE TO HIGH CONCENTRATIONS: Central nervous system depression. Feeling of weakness. Nausea. Headache. Dizziness. Narcosis.

Symptoms/injuries after skin contact : Slight irritation. ON CONTINUOUS EXPOSURE/CONTACT: Dry skin. Cracking of the skin.

Symptoms/injuries after eye contact : Irritation of the eye tissue.

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- Symptoms/injuries after ingestion : Risk of aspiration pneumonia. Gastrointestinal complaints. AFTER ABSORPTION OF HIGH QUANTITIES: Central nervous system depression. Symptoms similar to those listed under inhalation.
- Chronic symptoms : ON CONTINUOUS/REPEATED EXPOSURE/CONTACT: Feeling of weakness. Red skin. Skin rash/inflammation. Dry/sore throat. Gastrointestinal complaints. Loss of appetite. Headache. Dizziness. Lung tissue affection/degeneration.

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

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

- Suitable extinguishing media : Alcohol-resistant foam. Dry chemical powder. Carbon dioxide.
- Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : DIRECT FIRE HAZARD. Highly flammable. Gas/vapour flammable with air within explosion limits. INDIRECT FIRE HAZARD. May be ignited by sparks. Gas/vapour spreads at floor level: ignition hazard. Reactions involving a fire hazard: see "Reactivity Hazard".
- Explosion hazard : DIRECT EXPLOSION HAZARD. Gas/vapour explosive with air within explosion limits. INDIRECT EXPLOSION HAZARD. may be ignited by sparks. Reactions with explosion hazards: see "Reactivity Hazard".
- Reactivity : On heating on exposure to air: peroxidation resulting in increased fire or explosion risk. Upon combustion: CO and CO<sub>2</sub> are formed. Reacts with many compounds e.g.: with (some) acids/bases, with (some) halogens compounds and with (strong) reducers: (increased) risk of fire/explosion. Reacts violently with (strong) oxidizers: peroxidation resulting in increased fire or explosion risk.

### 5.3. Advice for firefighters

- Firefighting instructions : Cool tanks/drums with water spray/remove them into safety. Do not move the load if exposed to heat.
- Protection during firefighting : Heat/fire exposure: compressed air/oxygen apparatus.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

- Protective equipment : Gloves. Protective goggles. Protective clothing. Large spills/in enclosed spaces: compressed air apparatus. See "Material-Handling" to select protective clothing.
- Emergency procedures : Keep upwind. Mark the danger area. Consider evacuation. Seal off low-lying areas. Close doors and windows of adjacent premises. Stop engines and no smoking. No naked flames or sparks. Spark- and explosionproof appliances and lighting equipment. Keep containers closed. Wash contaminated clothes.

#### 6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

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

- For containment : Contain released substance, pump into suitable containers. Consult "Material-handling" to select material of containers. Plug the leak, cut off the supply. Dam up the liquid spill. Try to reduce evaporation. Measure the concentration of the explosive gas-air mixture. Dilute/disperse combustible gas/vapour with water curtain. Provide equipment/receptacles with earthing. Do not use compressed air for pumping over spills.
- Methods for cleaning up : Take up liquid spill into a non combustible material e.g.: kieselguhr, powdered limestone or dry sand/earth/vermiculite. Scoop absorbed substance into closing containers. See "Material-handling" for suitable container materials. Carefully collect the spill/leftovers. Spill must not return in its original container. Damaged/cooled tanks must be emptied. Do not use compressed air for pumping over spills. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling.

### 6.4. Reference to other sections

No additional information available

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Comply with the legal requirements. Remove contaminated clothing immediately. Clean contaminated clothing. Handle uncleaned empty containers as full ones. Thoroughly clean/dry the installation before use. Do not discharge the waste into the drain. Do not use compressed air for pumping over. Use spark-/explosionproof appliances and lighting system. Take precautions against electrostatic charges. Keep away from naked flames/heat. Keep away from ignition sources/sparks. Avoid prolonged and repeated contact with skin. Keep container tightly closed. Before use: check for peroxides and eliminate them. Measure the concentration in the air regularly. Work under local exhaust/ventilation.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Remove contaminated clothes. Wash contaminated clothing before reuse.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed when not in use. Keep container tightly closed.
- Heat-ignition : KEEP SUBSTANCE AWAY FROM: heat sources. ignition sources.
- Prohibitions on mixed storage : KEEP SUBSTANCE AWAY FROM: oxidizing agents. reducing agents. (strong) acids. (strong) bases. halogens.
- Storage area : Store in a cool area. Store in a dry area. Ventilation at floor level. Fireproof storeroom. Provide for a tub to collect spills. Provide the tank with earthing. Aboveground. May be stored under nitrogen. Meet the legal requirements.
- Special rules on packaging : SPECIAL REQUIREMENTS: hermetical. clean. correctly labelled. meet the legal requirements. Secure fragile packagings in solid containers.
- Packaging materials : SUITABLE MATERIAL: steel. stainless steel. carbon steel. aluminium. iron. glass. MATERIAL TO AVOID: copper. synthetic material.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

METHYL ISOBUTYL KETONE (MIBK) (108-10-1)		
ACGIH	ACGIH TWA (ppm)	20 ppm (Methyl isobutyl ketone; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)
ACGIH	ACGIH STEL (ppm)	75 ppm (Methyl isobutyl ketone; USA; Short time value; TLV - Adopted Value)
ACGIH	Remark (ACGIH)	URT irr; dizziness; headache
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	410 mg/m <sup>3</sup>
OSHA	OSHA PEL (TWA) (ppm)	100 ppm

#### 8.2. Exposure controls

- Appropriate engineering controls : Ensure good ventilation of the work station.
- Materials for protective clothing : GIVE EXCELLENT RESISTANCE: polyethylene/ethylenevinylalcohol. GIVE GOOD RESISTANCE: butyl rubber. PVA. tetrafluoroethylene. GIVE LESS RESISTANCE: No data available. GIVE POOR RESISTANCE: chloroprene rubber. chlorinated polyethylene. natural rubber. neoprene. nitrile rubber. PVC. viton. nitrile rubber/PVC.
- Hand protection : Gloves.
- Eye protection : Safety glasses.
- Skin and body protection : Head/neck protection. Protective clothing.
- Respiratory protection : Wear gas mask with filter type A if conc. in air > exposure limit. Self-contained breathing apparatus if conc. in air > 1000 ppm.
- Other information : Do not eat, drink or smoke when using this product.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Appearance : Liquid.
- Color : Colourless
- Odor : Pleasant odour Sweet odour Camphor odour
- Odor threshold : 0.1 - 7.8 ppm

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pH	: 5.4 (14.1 g/l; 20 °C)
pH solution	: 14.1 g/l
Melting point	: -84 °C
Freezing point	: No data available
Boiling point	: 116 °C (1013 hPa) 241 °F
Critical temperature	: 298 °C
Critical pressure	: 32730 hPa
Flash point	: 18 °C (Closed cup) 65 °F
Relative evaporation rate (butyl acetate=1)	: 1.6
Relative evaporation rate (ether=1)	: 5.6
Flammability (solid, gas)	: No data available
Explosion limits	: 1.0 - 8.0 vol % 42 - 330 g/m <sup>3</sup>
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapor pressure	: 20.93 hPa (20 °C)
Vapor pressure at 50 °C	: 26.4 hPa (25 °C)
Relative density	: 0.7978 (20 °C)
Relative vapor density at 20 °C	: 3.5
Relative density of saturated gas/air mixture	: 1.02
Specific gravity / density	: 802 kg/m <sup>3</sup>
Molecular mass	: 100.16 g/mol
Solubility	: Moderately soluble in water. Soluble in ethanol. Soluble in ether. Soluble in acetone. Soluble in chloroform. Soluble in oils/fats. Water: 1.4 g/100ml (20 °C) Ethanol: Complete Ether: Complete Acetone: Complete
Log Pow	: 1.9 (Experimental value; OECD 117: Partition Coefficient (n-octanol/water), HPLC method)
Auto-ignition temperature	: 448 °C 838 °F
Decomposition temperature	: Not applicable
Viscosity	: No data available
Viscosity, kinematic	: 0.00068 mm <sup>2</sup> /s (25 °C; Calculated)
Viscosity, dynamic	: 0.545 mPa.s (25 °C; 0.406 mPa.s; 50 °C)

### 9.2. Other information

Specific conductivity	: 5.2 µS/m
Saturation concentration	: 77 g/m <sup>3</sup>
VOC content (Regulatory - Less water and exempt solvents)	: 100 % :
Other properties	: Gas/vapour heavier than air at 20°C. Clear. Volatile.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

On heating on exposure to air: peroxidation resulting in increased fire or explosion risk. Upon combustion: CO and CO<sub>2</sub> are formed. Reacts with many compounds e.g.: with (some) acids/bases, with (some) halogens compounds and with (strong) reducers: (increased) risk of fire/explosion. Reacts violently with (strong) oxidizers: peroxidation resulting in increased fire or explosion risk.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

No additional information available

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### 10.5. Incompatible materials

Oxidizing agent. Aldehydes. Halogens. acids. Hydrogen peroxide.

### 10.6. Hazardous decomposition products

No additional information available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Likely routes of exposure : Inhalation; Ingestion; Skin and eyes contact

Acute toxicity : Inhalation:dust,mist: Harmful if inhaled.

METHYL ISOBUTYL KETONE (MIBK) (108-10-1)	
LD50 oral rat	2080 mg/kg (Rat; Equivalent or similar to OECD 401; Experimental value)
LD50 dermal rat	>= 2000 mg/kg body weight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)
LD50 dermal rabbit	> 16000 mg/kg (Rabbit)
LC50 inhalation rat (mg/l)	8.2- 16.4,Rat; Experimental value
LC50 inhalation rat (ppm)	2000 - 4000 ppm/4h (Rat; Experimental value)
ATE US (oral)	2080.000 mg/kg body weight
ATE US (gases)	2000.000 ppmV/4h
ATE US (dust, mist)	1.500 mg/l/4h

Skin corrosion/irritation : Not classified  
pH: 5.4 (14.1 g/l; 20 °C)

Serious eye damage/irritation : Causes serious eye irritation.  
pH: 5.4 (14.1 g/l; 20 °C)

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Suspected of causing cancer.

METHYL ISOBUTYL KETONE (MIBK) (108-10-1)	
IARC group	2B - Possibly Carcinogenic to Humans

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : May cause respiratory irritation.

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

Symptoms/injuries after inhalation : Irritation of the respiratory tract. Irritation of the nasal mucous membranes. EXPOSURE TO HIGH CONCENTRATIONS: Central nervous system depression. Feeling of weakness. Nausea. Headache. Dizziness. Narcosis.

Symptoms/injuries after skin contact : Slight irritation. ON CONTINUOUS EXPOSURE/CONTACT: Dry skin. Cracking of the skin.

Symptoms/injuries after eye contact : Irritation of the eye tissue.

Symptoms/injuries after ingestion : Risk of aspiration pneumonia. Gastrointestinal complaints. AFTER ABSORPTION OF HIGH QUANTITIES: Central nervous system depression. Symptoms similar to those listed under inhalation.

Chronic symptoms : ON CONTINUOUS/REPEATED EXPOSURE/CONTACT: Feeling of weakness. Red skin. Skin rash/inflammation. Dry/sore throat. Gastrointestinal complaints. Loss of appetite. Headache. Dizziness. Lung tissue affection/degeneration.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Classification concerning the environment: not applicable.

Ecology - air : Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009). Not included in the list of fluorinated greenhouse gases (Regulation (EC) No 842/2006). TA-Luft Klasse 5.2.5.

Ecology - water : Fouling to shoreline. Slightly harmful to fishes (LC50(96h) >100 mg/l). Slightly harmful to invertebrates (Daphnia) (EC50 (48h) > 100 mg/l). Slightly harmful to algae (EC50: 100 - 1000 mg/l). Slightly harmful to bacteria.

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### 12.2. Persistence and degradability

METHYL ISOBUTYL KETONE (MIBK) (108-10-1)	
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions. Low potential for adsorption in soil. Photolysis in the air.
Biochemical oxygen demand (BOD)	2.06 g O <sub>2</sub> /g substance
Chemical oxygen demand (COD)	2.16 g O <sub>2</sub> /g substance
ThOD	2.72 g O <sub>2</sub> /g substance
BOD (% of ThOD)	0.76

### 12.3. Bioaccumulative potential

METHYL ISOBUTYL KETONE (MIBK) (108-10-1)	
BCF fish 1	2 - 5 (BCF)
Log Pow	1.9 (Experimental value; OECD 117: Partition Coefficient (n-octanol/water), HPLC method)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

### 12.4. Mobility in soil

METHYL ISOBUTYL KETONE (MIBK) (108-10-1)	
Surface tension	0.024 N/m (20 °C)
Log Koc	Koc, 101.85; Weight of evidence; Calculated value; log Koc; 2.008; Weight of evidence; Calculated value

### 12.5. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals. Recycle by distillation. Incinerate under surveillance with energy recovery. Do not discharge into surface water.

Additional information : Do not reuse empty containers.  
. Handle empty containers with care because residual vapors are flammable.

## SECTION 14: Transport information

### Department of Transportation (DOT)

In accordance with DOT

Transport document description : UN1245 Methyl isobutyl ketone, 3, II

UN-No.(DOT) : UN1245

Proper Shipping Name (DOT) : Methyl isobutyl ketone

Class (DOT) : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120

Hazard labels (DOT) : 3 - Flammable liquid



Packing group (DOT) : II - Medium Danger

DOT Packaging Non Bulk (49 CFR 173.xxx) : 202

DOT Packaging Bulk (49 CFR 173.xxx) : 242



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DOT Special Provisions (49 CFR 172.102)	: IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized T4 - 2.65 178.274(d)(2) Normal..... 178.275(d)(3) TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = $97 / 1 + a (tr - tf)$ Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling
DOT Packaging Exceptions (49 CFR 173.xxx)	: 150
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: 5 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 60 L
DOT Vessel Stowage Location	: B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded
Other information	: No supplementary information available.

### TDG

Transport document description	: UN1245 METHYL ISOBUTYL KETONE (METHYL ISOBUTYL KETONE), 3, II
UN-No. (TDG)	: UN1245
TDG Proper Shipping Name	: METHYL ISOBUTYL KETONE
TDG Primary Hazard Classes	: 3 - Class 3 - Flammable Liquids
Packing group	: II - Medium Danger
Explosive Limit and Limited Quantity Index	: 1
Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index	: 5

### Transport by sea

UN-No. (IMDG)	: 1245
Proper Shipping Name (IMDG)	: METHYL ISOBUTYL KETONE
Class (IMDG)	: 3 - Flammable liquids
Packing group (IMDG)	: II - substances presenting medium danger
EmS-No. (1)	: F-E
EmS-No. (2)	: S-D

### Air transport

No additional information available

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

<b>METHYL ISOBUTYL KETONE (MIBK) (108-10-1)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Listed on SARA Section 313 (Specific toxic chemical listings)	
CERCLA RQ	5000 lb

### 15.2. International regulations

#### CANADA

No additional information available

#### EU-Regulations

No additional information available

#### National regulations

<b>METHYL ISOBUTYL KETONE (MIBK) (108-10-1)</b>
Listed on IARC (International Agency for Research on Cancer)



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### 15.3. US State regulations

METHYL ISOBUTYL KETONE (MIBK) (108-10-1)	
U.S. - California - Proposition 65 - Carcinogens List	Yes
U.S. - California - Proposition 65 - Developmental Toxicity	Yes
U.S. - California - Proposition 65 - Reproductive Toxicity - Female	No
U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No
State or local regulations	U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List

### SECTION 16: Other information

Full text of H-phrases:

H225	Highly flammable liquid and vapor
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H351	Suspected of causing cancer

SDS US Endura

*The information contained here has been compiled from sources considered by Endura Manufacturing Co. Ltd to be dependable and is accurate to the best of the Company's knowledge. However, neither Endura Manufacturing Co. Ltd or any of its subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained herein. 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. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.*