

# SAFETY DATA SHEET

Prepared according to the regulation on Safety Data Sheets regarding Hazardous substances and mixtures (R.G. 13/12/2014-29204).

## Methyl Ethyl Ketone

Initial release date: 2002/12/18

Revision Date: 13.03.2019

Version 2.1

SDS Number: 800001033918

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name : Methyl Ethyl Ketone

Product code : S2113

Synonyms : butan-2-one, Ethyl methyl ketone, MEK  
CAS-No. : 78-93-3

Index-No. : 606-002-00-3

EC-No. : 201-159-0

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

Use of the Substance/Mixture : Use only in industrial processes.

Recommended restrictions on use : This product must not be used in applications other than the above without first seeking the advice of the supplier.

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

Company : **Shell Chemicals Europe B.V.**  
PO Box 2334  
3000 CH Rotterdam  
Netherlands

Telephone : +31 (0)10 441 5137 / +31 (0)10 441 5191

Telefax : +31 (0)20 716 8316 / +31 (0)20 713 9230

E-mail address of person responsible for the SDS : sccmsds@shell.com

#### 1.4 Emergency telephone number

Emergency telephone number : +44 (0) 1235 239 670  
National Poison Counselling Centre (UZEM) – 114

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**Classification T.R. SEA No 28848**

Flammable liquids, Category 2

H225: Highly flammable liquid and vapour.

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Eye irritation, Category 2

H319: Causes serious eye irritation.

Specific target organ toxicity - single exposure, Category 3, Central nervous system

H336: May cause drowsiness or dizziness.

, Narcotic effects

### 2.2 Label elements

#### Labelling T.R. SEA No 28848

Hazard pictograms :



Signal word : Danger

Hazard statements :

H225

PHYSICAL HAZARDS:

Highly flammable liquid and vapour.

HEALTH HAZARDS:

H319

Causes serious eye irritation.

H336

May cause drowsiness or dizziness.

ENVIRONMENTAL HAZARDS:

Not classified as an environmental hazard under GHS criteria.

Supplemental Hazard Statements :

EUH066

Repeated exposure may cause skin dryness or cracking.

Precautionary statements :

**Prevention:**

P210

Keep away from heat/sparks/open flames/hot surfaces. No smoking.

**Response:**

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P304 + P340

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312

Call a POISON CENTER/doctor if you feel unwell.

**Storage:**

P403 + P235

Store in a well-ventilated place. Keep cool.

**Disposal:**

P501

Dispose of contents and container to appropriate waste site or reclaimer in accordance with local and national regulations.

### 2.3 Other hazards

Vapours are heavier than air. Vapours may travel across the ground and reach remote ignition

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sources causing a flashback fire danger.

Even with proper grounding and bonding, this material can still accumulate an electrostatic charge.

If sufficient charge is allowed to accumulate, electrostatic discharge and ignition of flammable air-vapour mixtures can occur.

Exposure may enhance the toxicity of other materials.

See Chapter 11 for details.

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Substance name : Methyl ethyl ketone, 78-93-3

Index-No. : 606-002-00-3

#### Hazardous components

Chemical name	CAS-No. EC-No. Registration number	T.R. SEA No 28848	Concentration (%)
Methyl ethyl ketone	78-93-3 201-159-0	Flam. Liq.2; H225 Eye Irrit.2; H319 STOT SE3; H336 EUH066	100

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

General advice : Not expected to be a health hazard when used under normal conditions.

Protection of first-aiders : When administering first aid, ensure that you are wearing the appropriate personal protective equipment according to the incident, injury and surroundings.

If inhaled : No treatment necessary under normal conditions of use. If symptoms persist, obtain medical advice.

In case of skin contact : Remove contaminated clothing. Flush exposed area with water and follow by washing with soap if available. If persistent irritation occurs, obtain medical attention.

In case of eye contact : Immediately flush eye(s) with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Transport to the nearest medical facility for additional treatment.

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If swallowed : If swallowed, do not induce vomiting: transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Rinse mouth.  
If any of the following delayed signs and symptoms appear within the next 6 hours, transport to the nearest medical facility: fever greater than 101° F (38.3°C), shortness of breath, chest congestion or continued coughing or wheezing.

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

Symptoms : Not considered to be an inhalation hazard under normal conditions of use.  
Possible respiratory irritation signs and symptoms may include a temporary burning sensation of the nose and throat, coughing, and/or difficulty breathing.  
No specific hazards under normal use conditions.  
Skin irritation signs and symptoms may include a burning sensation, redness, or swelling.  
Ingestion may result in nausea, vomiting and/or diarrhoea.  
Eye irritation signs and symptoms may include a burning sensation, redness, swelling, and/or blurred vision.  
If any of the following delayed signs and symptoms appear within the next 6 hours, transport to the nearest medical facility: fever greater than 101° F (38.3°C), shortness of breath, chest congestion or continued coughing or wheezing.  
If material enters lungs, signs and symptoms may include coughing, choking, wheezing, difficulty in breathing, chest congestion, shortness of breath, and/or fever.  
Defatting dermatitis signs and symptoms may include a burning sensation and/or a dried/cracked appearance.  
Breathing of high vapour concentrations may cause central nervous system (CNS) depression resulting in dizziness, lightheadedness, headache, nausea and loss of coordination.  
Continued inhalation may result in unconsciousness and death.

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

Treatment : IMMEDIATE TREATMENT IS EXTREMELY IMPORTANT!  
Call a doctor or poison control center for guidance.  
Potential for chemical pneumonitis.  
Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Alcohol-resistant foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires

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only.

Unsuitable extinguishing media : None

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

Specific hazards during fire-fighting : The vapour is heavier than air, spreads along the ground and distant ignition is possible.  
Carbon monoxide may be evolved if incomplete combustion occurs.

### 5.3 Advice for firefighters

Special protective equipment for firefighters : Proper protective equipment including chemical resistant gloves are to be worn; chemical resistant suit is indicated if large contact with spilled product is expected. Self-Contained Breathing Apparatus must be worn when approaching a fire in a confined space. Select fire fighter's clothing approved to relevant Standards (e.g. Europe: EN469).

Specific extinguishing methods : Standard procedure for chemical fires.

Further information : Clear fire area of all non-emergency personnel.  
Keep adjacent containers cool by spraying with water.

## SECTION 6: Accidental release measures

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

Personal precautions : Observe the relevant local and international regulations  
Notify authorities if any exposure to the general public or the environment occurs or is likely to occur.  
Local authorities should be advised if significant spillages cannot be contained.  
The vapour is heavier than air, spreads along the ground and distant ignition is possible.  
Vapour may form an explosive mixture with air.  
Avoid contact with skin, eyes and clothing.  
Isolate hazard area and deny entry to unnecessary or unprotected personnel.  
Stay upwind and keep out of low areas.

### 6.2 Environmental precautions

Environmental precautions : Shut off leaks, if possible without personal risks. Remove all possible sources of ignition in the surrounding area. Use appropriate containment to avoid environmental contamination. Prevent from spreading or entering drains, ditches or rivers by using sand, earth, or other appropriate barriers. Attempt to disperse the vapour or to direct its flow to a safe location for

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example by using fog sprays. Take precautionary measures against static discharge. Ensure electrical continuity by bonding and grounding (earthing) all equipment. Ventilate contaminated area thoroughly. Monitor area with combustible gas indicator.

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

Methods for cleaning up : For large liquid spills (> 1 drum), transfer by mechanical means such as vacuum truck to a salvage tank for recovery or safe disposal. Do not flush away residues with water. Retain as contaminated waste. Allow residues to evaporate or soak up with an appropriate absorbent material and dispose of safely. Remove contaminated soil and dispose of safely. For small liquid spills (< 1 drum), transfer by mechanical means to a labeled, sealable container for product recovery or safe disposal. Allow residues to evaporate or soak up with an appropriate absorbent material and dispose of safely. Remove contaminated soil and dispose of safely.

### 6.4 Reference to other sections

For guidance on selection of personal protective equipment see Chapter 8 of this Safety Data Sheet., For guidance on disposal of spilled material see Chapter 13 of this Safety Data Sheet.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Technical measures : Avoid breathing of or direct contact with material. Only use in well ventilated areas. Wash thoroughly after handling. For guidance on selection of personal protective equipment see Chapter 8 of this Safety Data Sheet. Use the information in this data sheet as input to a risk assessment of local circumstances to help determine appropriate controls for safe handling, storage and disposal of this material. Ensure that all local regulations regarding handling and storage facilities are followed.

Advice on safe handling : Avoid contact with skin, eyes and clothing. Use local exhaust ventilation if there is risk of inhalation of vapours, mists or aerosols. Bulk storage tanks should be diked (bunded). Extinguish any naked flames. Do not smoke. Remove ignition sources. Avoid sparks. Electrostatic discharge may cause fire. Ensure electrical continuity by bonding and grounding (earthing) all equipment to reduce the risk. The vapours in the head space of the storage vessel may lie in the flammable/explosive range and hence may be flammable. Properly dispose of any contaminated rags or cleaning mate-

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rials in order to prevent fires.

Do NOT use compressed air for filling, discharging, or handling operations.

Hygiene measures : Wash hands before eating, drinking, smoking and using the toilet. Launder contaminated clothing before re-use.

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

Requirements for storage areas and containers : The vapour is heavier than air. Beware of accumulation in pits and confined spaces. Refer to section 15 for any additional specific legislation covering the packaging and storage of this product.

Packaging material : Suitable material: For containers, or container linings use mild steel, stainless steel.  
Unsuitable material: Natural, butyl, neoprene or nitrile rubbers.

Suitable material: Aluminium

### 7.3 Specific end use(s)

Specific use(s) : Please refer to Ch16 and/or the annexes for the registered uses under REACH.

Ensure that all local regulations regarding handling and storage facilities are followed.

See additional references that provide safe handling practices: American Petroleum Institute 2003 (Protection Against Ignitions Arising out of Static, Lightning and Stray Currents) or National Fire Protection Agency 77 (Recommended Practices on Static Electricity).

IEC/TS 60079-32-1: Electrostatic hazards, guidance

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
Methyl ethyl ketone	78-93-3	TWA (8 Hour)	200 ppm 600 mg/m <sup>3</sup>	TR OEL
		STEL 15 min	300 ppm 900 mg/m <sup>3</sup>	TR OEL

#### Biological occupational exposure limits

No biological limit allocated.

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### 8.2 Exposure controls

#### Engineering measures

The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Select controls based on a risk assessment of local circumstances. Appropriate measures include:

Use sealed systems as far as possible.

Adequate explosion-proof ventilation to control airborne concentrations below the exposure guidelines/limits.

Local exhaust ventilation is recommended.

Firewater monitors and deluge systems are recommended.

Eye washes and showers for emergency use.

Where material is heated, sprayed or mist formed, there is greater potential for airborne concentrations to be generated.

#### General Information:

Always observe good personal hygiene measures, such as washing hands after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.

Define procedures for safe handling and maintenance of controls.

Educate and train workers in the hazards and control measures relevant to normal activities associated with this product.

Ensure appropriate selection, testing and maintenance of equipment used to control exposure, e.g. personal protective equipment, local exhaust ventilation.

Drain down system prior to equipment break-in or maintenance.

Retain drain downs in sealed storage pending disposal or subsequent recycle.

#### Personal protective equipment

Eye protection : Wear goggles for use against liquids and gas.  
Wear full face shield if splashes are likely to occur.

Hand protection

Remarks : Where hand contact with the product may occur the use of gloves approved to relevant standards (e.g. Europe: EN374, US: F739) made from the following materials may provide suitable chemical protection. Longer term protection: Butyl rubber. Nitrile rubber. Incidental contact/Splash protection: PVC or neoprene rubber gloves. For continuous contact we recommend gloves with breakthrough time of more than 240 minutes with preference for > 480 minutes where suitable gloves can be identified. For short-term/splash protection we recommend the same but recognize that suitable gloves offering this level of protection may not be available and in this case a lower breakthrough time maybe acceptable so long as appropriate maintenance and replacement regimes are followed. Glove thickness is not a good predictor of glove resistance to a chemical as it is dependent on the exact composition of the glove material. Glove thickness should be typically greater than 0.35 mm depending on the glove make and model. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical re-



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- istance of glove material, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Personal hygiene is a key element of effective hand care. Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly. Application of a non-perfumed moisturizer is recommended.
- Skin and body protection** : Wear antistatic and flame-retardant clothing, if a local risk assessment deems it so.  
Skin protection is not required under normal conditions of use. For prolonged or repeated exposures use impervious clothing over parts of the body subject to exposure.  
If repeated and/or prolonged skin exposure to the substance is likely, then wear suitable gloves tested to relevant Standard, and provide employee skin care programmes.
- Respiratory protection** : If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, select respiratory protection equipment suitable for the specific conditions of use and meeting relevant legislation. Check with respiratory protective equipment suppliers. Where air-filtering respirators are unsuitable (e.g. airborne concentrations are high, risk of oxygen deficiency, confined space) use appropriate positive pressure breathing apparatus. Where air-filtering respirators are suitable, select an appropriate combination of mask and filter.  
If air-filtering respirators are suitable for conditions of use: Select a filter suitable for organic gases and vapours [Type A boiling point >65°C (149°F)].
- Protective measures** : Personal protective equipment (PPE) should meet recommended national standards. Check with PPE suppliers.
- Thermal hazards** : Not applicable

### Environmental exposure controls

- General advice** : Local guidelines on emission limits for volatile substances must be observed for the discharge of exhaust air containing vapour.  
Minimise release to the environment. An environmental assessment must be made to ensure compliance with local environmental legislation.  
Information on accidental release measures are to be found in section 6.

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

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Appearance	: Liquid.
Colour	: clear
Odour	: characteristic
Odour Threshold	: Data not available
pH	: Not applicable
Melting point/freezing point	: -86 °C
Boiling point/boiling range	: 79,5 °C
Flash point	: -9 °C
Evaporation rate	: 3,3 Method: DIN 53170, di-ethyl ether=1
Flammability (solid, gas)	: Not applicable
Upper explosion limit	: 11,5 %(V)
Lower explosion limit	: 1,8 %(V)
Vapour pressure	: 12,600 Pa (20 °C)
Relative vapour density	: 2,4 (20 °C)
Relative density	: 0,804 - 0,806 (20 °C) Method: ASTM D4052
Density	: 0,804 - 0,806 kg/m <sup>3</sup> (20 °C) Method: ASTM D4052
Solubility(ies) Water solubility	: 250 g/l Miscible. (20 °C)
Partition coefficient: n- octanol/water	: log Pow: 0,3
Auto-ignition temperature	: 515 °C
Decomposition temperature	: Data not available

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Viscosity  
Viscosity, dynamic : 0,42 mPa.s (20 °C)

Viscosity, kinematic : Data not available

Explosive properties : Not applicable

Oxidizing properties : Data not available

### 9.2 Other information

Surface tension : 24,8 mN/m, 20 °C

Conductivity : Electrical conductivity: > 10,000 pS/m

A number of factors, for example liquid temperature, presence of contaminants, and anti-static additives can greatly influence the conductivity of a liquid, This material is not expected to be a static accumulator.

Molecular weight : 72,11 g/mol

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

The product does not pose any further reactivity hazards in addition to those listed in the following sub-paragraph.

### 10.2 Chemical stability

No hazardous reaction is expected when handled and stored according to provisions

### 10.3 Possibility of hazardous reactions

Hazardous reactions : Reacts with strong oxidising agents.

### 10.4 Conditions to avoid

Conditions to avoid : Avoid heat, sparks, open flames and other ignition sources.  
Prevent vapour accumulation.  
In certain circumstances product can ignite due to static electricity.

### 10.5 Incompatible materials

Materials to avoid : Strong oxidising agents.

### 10.6 Hazardous decomposition products

Thermal decomposition is highly dependent on conditions. A complex mixture of airborne solids, liquids and gases including carbon monoxide, carbon dioxide, sulphur oxides and unidentified organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.

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### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

Information on likely routes of exposure : Exposure may occur via inhalation, ingestion, skin absorption, skin or eye contact, and accidental ingestion.

#### Acute toxicity

##### Product:

Acute oral toxicity : LD50 (Rat): > 2000 - <= 5000 mg/kg  
Remarks: May be harmful if swallowed.

Acute inhalation toxicity : LC50: > 5000 ppm  
Remarks: Low toxicity:

Acute dermal toxicity : LD50 (Rabbit): > 5000 mg/kg  
Remarks: Low toxicity:

#### Skin corrosion/irritation

##### Product:

Remarks: Not irritating to skin.

#### Serious eye damage/eye irritation

##### Product:

Remarks: Causes serious eye irritation.

#### Respiratory or skin sensitisation

##### Product:

Remarks: Not a sensitiser.  
Based on available data, the classification criteria are not met.

#### Germ cell mutagenicity

##### Product:

Genotoxicity in vivo : Remarks: Not mutagenic.

#### Carcinogenicity

##### Product:

Remarks: Not a carcinogen.  
Based on available data, the classification criteria are not met.

Material	GHS/CLP Carcinogenicity Classification
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Methyl ethyl ketone	No carcinogenicity classification.
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### Reproductive toxicity

#### Product:

Effects on fertility

:

Remarks: Not a developmental toxicant.  
Does not impair fertility.  
Based on available data, the classification criteria are not met.

### STOT - single exposure

#### Product:

Remarks: May cause drowsiness and dizziness.

### STOT - repeated exposure

#### Product:

Remarks: Low systemic toxicity on repeated exposure.  
Repeated exposure may cause skin dryness or cracking.

### Aspiration toxicity

#### Product:

Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.

### Further information

#### Product:

Remarks: Classifications by other authorities under varying regulatory frameworks may exist.

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## SECTION 12: Ecological information

### 12.1 Toxicity

#### Product:

Toxicity to fish (Acute toxicity) : Remarks: Practically non toxic:  
LL/EL/IL50 > 100 mg/l

Toxicity to daphnia and other aquatic invertebrates (Acute toxicity) : Remarks: Practically non toxic:  
LL/EL/IL50 > 100 mg/l

Toxicity to algae (Acute toxicity) : Remarks: Practically non toxic:  
LL/EL/IL50 > 100 mg/l

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Toxicity to fish (Chronic toxicity) : Remarks: Data not available

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : Remarks: Data not available

Toxicity to bacteria (Acute toxicity) : Remarks: Practically non toxic:  
LL/EL/IL50 > 100 mg/l

### 12.2 Persistence and degradability

#### Product:

Biodegradability : Remarks: Readily biodegradable.  
Oxidises rapidly by photo-chemical reactions in air.

### 12.3 Bioaccumulative potential

#### Product:

Bioaccumulation : Remarks: Does not bioaccumulate significantly.

### 12.4 Mobility in soil

#### Product:

Mobility : Remarks: Dissolves in water.

### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment : The substance does not fulfill all screening criteria for persistence, bioaccumulation and toxicity and hence is not considered to be PBT or vPvB..

### 12.6 Other adverse effects

#### Product:

Additional ecological information : Remarks: Does not have ozone depletion potential.

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : Recover or recycle if possible.  
It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal meth-

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ods in compliance with applicable regulations.

Do not dispose into the environment, in drains or in water courses

Waste product should not be allowed to contaminate soil or ground water, or be disposed of into the environment.

Waste, spills or used product is dangerous waste.

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

Local regulations may be more stringent than regional or national requirements and must be complied with.

Contaminated packaging : Drain container thoroughly.  
After draining, vent in a safe place away from sparks and fire.  
Residues may cause an explosion hazard.  
Do not, puncture, cut, or weld uncleaned drums.  
Send to drum recoverer or metal reclaimer.

Dispose in accordance with prevailing regulations, preferably to a recognized collector or contractor. The competence of the collector or contractor should be established beforehand.

## SECTION 14: Transport information

### 14.1 UN number

ADR : UN 1193

RID : UN 1193

IMDG : UN 1193

IATA : UN 1193

### 14.2 UN proper shipping name

ADR : ETHYL METHYL KETONE

RID : ETHYL METHYL KETONE

IMDG : ETHYL METHYL KETONE

IATA : METHYL ETHYL KETONE

### 14.3 Transport hazard class(es)

ADR : 3

RID : 3

IMDG : 3

IATA : 3

### 14.4 Packing group

ADR  
Packing group : II

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Classification Code : F1  
Hazard Identification Number : 33  
Labels : 3

### RID

Packing group : II  
Classification Code : F1  
Hazard Identification Number : 33  
Labels : 3

### IMDG

Packing group : II  
Labels : 3

### IATA

Packing group : II  
Labels : 3

#### 14.5 Environmental hazards

##### ADR

Environmentally hazardous : no

##### RID

Environmentally hazardous : no

##### IMDG

Marine pollutant : no

#### 14.6 Special precautions for user

Remarks : Special Precautions: Refer to Chapter 7, Handling & Storage, for special precautions which a user needs to be aware of or needs to comply with in connection with transport.

#### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Pollution category : Z  
Ship type : 3; Must be Double Hulled  
Product name : Methyl ethyl ketone

**Additional Information** : This product may be transported under nitrogen blanketing. Nitrogen is an odourless and invisible gas. Exposure to nitrogen may cause asphyxiation or death. Personnel must observe strict safety precautions when involved with a confined space entry.

### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Other regulations : The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.



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Regulations on the health and safety precautions for chemicals in the workplace. Regulations on the fire protection of buildings. Regulations on the prevention of industrial accidents and the reduction of their effects.

### The components of this product are reported in the following inventories:

AIIC : Listed

DSL : Listed

IECSC : Listed

KECI : Listed

ENCS : Listed

PICCS : Listed

EINECS : Listed

TSCA : Listed

TCSI : Listed

NZIoC : Listed

### SECTION 16: Other information

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Certified Qualification date : 12 May 2018

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# SAFETY DATA SHEET

Prepared according to the regulation on Safety Data Sheets regarding Hazardous substances and mixtures (R.G. 13/12/2014-29204).

## Methyl Ethyl Ketone

Initial release date: 2002/12/18

Revision Date: 13.03.2019

Version 2.1

SDS Number: 800001033918

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### Further information

Training advice : Provide adequate information, instruction and training for operators.

Other information : A vertical bar (|) in the left margin indicates an amendment from the previous version.

Revision changes: Revised according to regulation on Safety Data Sheets (SDSs) regarding hazardous substances and mixtures (R.G. 13/12/2014-29204)

Sources of key data used to compile the Safety Data Sheet : The quoted data are from, but not limited to, one or more sources of information (e.g. toxicological data from Shell Health Services, material suppliers' data, CONCAWE, EU IUCLID date base, EC 1272 regulation, etc).

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