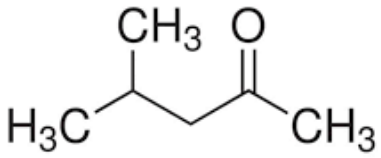
Methyl Isobutyl Ketone (MIBK)
Product Quality, Regulatory & Technical Information Package

August 2025

Product Name:	**Methyl Isobutyl Ketone**
Chemical Name:	4-Methylpentan-2-one
CAS number:	108-10-1
Celanese (bulk) Material number:	50000446



Disclaimer

Celanese is supplying Methyl Isobutyl Ketone as a technical grade product.

This document provides information about technical grade Methyl Isobutyl Ketone ("Product") produced by Celanese and its affiliates ("Celanese" or "we"). The information presented in this document is based on our present state of knowledge and is intended to provide general notes on the Product and its intended uses. It does not constitute a guarantee of any specific properties of the Products described herein or its suitability for a particular application. The customer must make the sole determination whether the Product is suitable for the desired use. Celanese undertakes no obligation to update the information in this document.

The practice of providing this information to customers is for their convenience and is not legally binding. It does not alter the terms and conditions of sale, including without limitation, any limits of liability, applicable to the underlying commercial transaction involving the Product(s) to which this information applies. The Information is intended for use by persons having skill with respect to the subject matter involved.

Celanese makes no warranties, express or implied, and assumes no liability for the accuracy or completeness or in connection with any use of this information. Nothing herein is intended as a license to operate under or a recommendation to infringe any patents.

General

Further literature to the Product, such as Safety Data Sheet, Brochures and Specifications can be retrieved from Celanese website www.celanese.com.

Table of Contents

Product Description

Methyl Isobutyl Ketone is a colorless liquid exhibiting a faint ketonic and camphor-like odor. One of the most useful among the acetone derivate solvents, it has a medium evaporation rate. MIBK is stable and does not polymerize. MIBK is highly compatible with a variety of organic reagents and is a good solvent for a wide range of industrial materials.

End uses for Methyl Isobutyl Ketone include coating solvents, rare-metal extraction, process solvent for adhesives, ink formulations, leather finishing, pharmaceuticals, and as a chemical intermediate. Methyl Isobutyl Ketone is an excellent solvent for cellulose-based and resin-based coating systems. It is a useful solvent for pyrethrins, rubber cements and model dopes. It is a chemical intermediate for rubber antioxidants and specialty surfactants. Methyl Isobutyl Ketone contains dewaxing and separating properties, which can be used in the purification of different chemicals, mineral oils, tall oil, stearic acid and butanol.

Physical properties

Data are intended for the purpose of product description and are not the subject of continuous monitoring. Further physical properties and characteristic data as well as information on safety and handling are listed in the safety data sheet and the sales specifications. Please consult www.celanese.com.

Property		Metric Units	English Units
Boiling Point @ 101.3 kPa (14.69 psi)		116.5 °C	241.7 °F
Critical Compressibility Factor		0.253	
Critical Pressure		3.273 MPa	474.7 psia
Critical Temperature		301.5 °C	574.7 °F
Critical Volume		0.369 m³/ kg·mol	
Dipole moment		$9.0 \cdot 10^{-30}$ cm	
Evaporation rate (n-Butyl Acetate = 1)		1.54	
Evaporation rate (Ether = 1)		5.6	
Flash point (closed cup)		18 °C	64.4 °F
Heat of Vaporization	@ 20 °C (68 °F)	408.9 kJ/kg	175.8 Btu/lb_m
	@ 30 °C (86 °F)	403.1 kJ/kg	173.3 Btu/lb_m
	@ 50 °C (122 °F)	390.8 kJ/kg	168.0 Btu/lb_m
Liquid Heat Capacity	@ 20 °C (68 °F)	2.123 kJ/(kg·K)	0.507 Btu/(lb_m·°F)
	@ 30 °C (86 °F)	2.152 kJ/(kg·K)	0.514 Btu/(lb_m·°F)
	@ 50 °C (122 °F)	2.211 kJ/(kg·K)	0.528 Btu/(lb_m·°F)
Liquid Thermal Conductivity	@ 20 °C (68 °F)	0.145 W/(m·K)	$2.33 \cdot 10^{-5}$ Btu/(ft·sec·°F)
	@ 30 °C (86 °F)	0.143 W/(m·K)	$2.29 \cdot 10^{-5}$ Btu/(ft·sec·°F)
	@ 50 °C (122 °F)	0.137 W/(m·K)	$2.20 \cdot 10^{-5}$ Btu/(ft·sec·°F)
Melting Temperature		- 84 °C	- 119.2 °F
Molar Mass		100.16 g/mol	
Refractive Index n_D^{20}		1.396	
Solubility in Water @ 20 °C (68 °F)		14.1 g/l	
Surface Tension	@ 20 °C (68 °F)	0.0240 N/m	24.0 dynes/cm
	@ 30 °C (86 °F)	0.0229 N/m	22.9 dynes/cm
	@ 50 °C (122 °F)	0.0208 N/m	20.8 dynes/cm
Vapor Density (Air=1)		3.5	
Viscosity	@ 20 °C (68 °F)	0.58 mPa·s	
	@ 30 °C (86 °F)	0.51 mPa·s	
	@ 50 °C (122 °F)	0.40 mPa·s	

Temperature		Liquid Density
(°F)	(°C)	(g/cm³)
33.8	1	0.8171
41	5	0.8134
50	10	0.8088
59	15	0.8042
68	20	0.7996
77	25	0.7950
86	30	0.7904
95	35	0.7858
104	40	0.7812

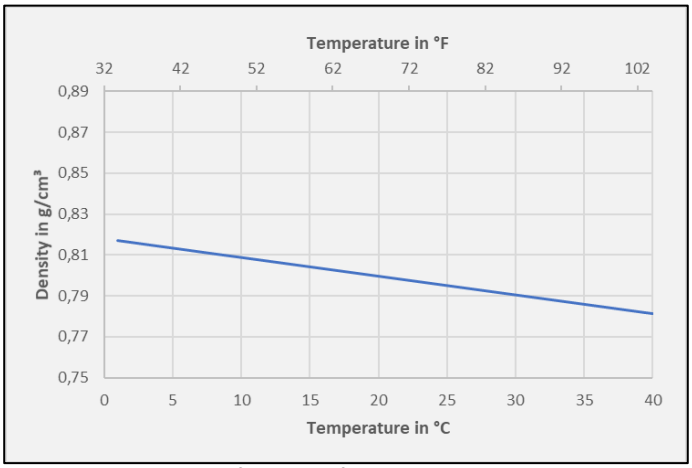


Figure 1: Density as a function of Temperature

Temperature		Vapor Pressure	
(°F)	(°C)	(kg/cm²)	(hPa)
32	0	0.006	5.6
41	5	0.008	7.9
50	10	0.011	10.9
59	15	0.015	14.8
68	20	0.020	20.0
77	25	0.027	26.5
86	30	0.036	34.8
95	35	0.046	45.2
104	40	0.059	58.1
113	45	0.075	74.0
122	50	0.095	93.4

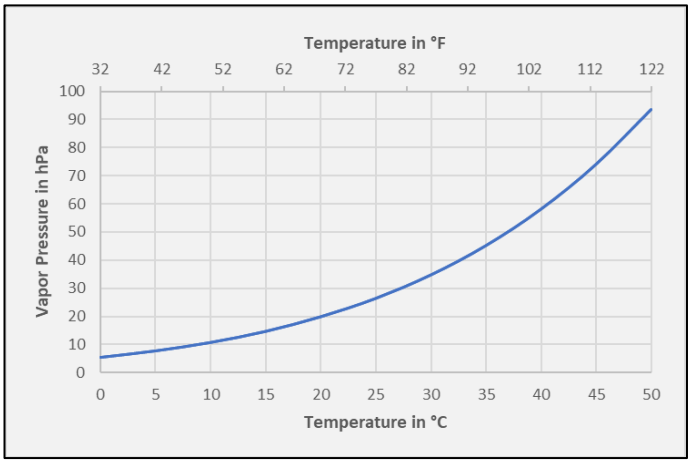


Figure 2: Vapor Pressure as a function of Temperature

Storage and Handling Recommendations

Storage

Recommended Blanketing	Air [a, b] or Dry Nitrogen [a, b, c]
Recommended Temperature	Ambient
Recommended Pressure	Atmospheric
Bulk Quantities	Outside, detached tanks
Small Containers	Cool, dry, well ventilated area

a. Refer to National Fire Protection Agency (NFPA) #77 "Static Electricity" or the respective national technical code for proper electrical grounding procedures.
b. See the National Fire Protection Agency (NFPA) #30 "Flammable and Combustible Liquids Code" or the respective national technical code and consult with qualified fire protection specialists to determine specific storage tank design requirements.
c. Blanketing may be used to retain quality in long-term storage conditions.

Handling

- Thoroughly review Safety Data Sheet before handling product.
- Protect small containers from physical damage. Keep containers closed when not in use. Open containers slowly to allow any excess pressure to vent.
- Keep away from heat, sparks, flame or other sources of ignition. Use spark-resistant tools.
- See the National Fire Protection Agency (NFPA) #30 "Flammable and Combustible Liquids Code" or the respective national technical code and consult with qualified fire protection specialists to determine specific storage tank design requirements.
- Use proper electrical grounding and bonding procedures when loading, unloading and transferring. Refer to the National Fire Protection Agency (NFPA) #77 "Recommended Practice for Static Electricity" or the respective national technical code for proper electrical grounding procedures.
- Electrical equipment and circuits in all storage and handling areas must conform to requirements of national electrical code (Articles 500 and 501) or the respective national technical code for hazardous location.
- The Product floats on water and may create a special hazard.
- The Product's vapor is heavier than air and can travel considerable distance to a source of ignition and flashback.
- Blanketing may be used to retain quality in long-term storage conditions.
- For further information on safety and handling, please use the following link: https://www.celanese.com/sds-search

Packaging

Recommended Containers:

- DOT 111A100W1 Tank Cars
- DOT MC 307 or DOT 407 Tank Trucks
- Ship Tank and Barge

The Product is available from Celanese as bulk material.

Materials of Construction

Unit / element	Acceptable Material	Alternate Material
Tank	Stainless Steel [a]	Carbon Steel [e] Aluminum [b] Lined Carbon Steel [f]
Piping	Carbon Steel [e]	Stainless Steel [a]
Valves	Carbon Steel [e]	Stainless Steel [a]
Pumps	Carbon Steel [e]	Stainless Steel [a]
Relief Valves	Carbon Steel [e]	Stainless Steel [a]
Gaskets	Glass filled PTFE [d]	PTFE [d]
Pump Seals	Single Mechanical Seal: Stainless Steel / Hastelloy C-276 metallic components [c], Kalrez O-rings	–
Valve Packing	PTFE [d]	–
Pipe End Connections	Welded and flanged system	Threaded with PTFE [d] tape thread lubricant
Heat Exchanger	Product side: Carbon Steel [e]	Product side: Stainless Steel [a]
Hoses	Stainless Steel [a]	Aluminum [b]
Tank Truck	Stainless Steel [a]	Aluminum [b]
Tank Car	Stainless Steel [a]	Carbon Steel [e] Aluminum [b] Lined Carbon Steel [f]
ISO Tank	Stainless Steel [a]	Aluminum [b]
Barge	Stainless Steel [a]	Zn Lined Carbon Steel [g]
Ship Tank	Stainless Steel [a]	Zn Lined Carbon Steel [g]

a. Type 304 or 316 Stainless Steel
b. Use 3000, 5000, 6000 series Aluminum when temperature does not exceed 120 °F (49 °C).
c. May need to consider double or tandem seal arrangement for emission control.
d. Polytetrafluoroethylene
e. Rust free
f. Lining refers to high baked phenolic resin.
g. Zn Lining refers to Zinc Silicate, Inorganic Zinc or Zinc Rich Inorganic.

Product Quality Statements

Manufacturing Locations

The Product is produced at manufacturing location in Cangrejera (Mexico).

- Cangrejera Plant
  Carretera Coatzacoalcos-Villahermosa, Km. 12.3
  96400 Coatzacoalcos
  Veracruz, Mexico

ISO Certification

The Product is a technical grade material produced under ISO 9001 rules. Certificates are available at Celanese web page (Select Filter "Intermediate Chemistry" and additional filters to retrieve the Certificate from the respective Manufacturing site):
https://www.celanese.com/certificate-search

Specification

The Product is supplied according to Celanese Sales Specification. A copy of the Sales Specification is attached to this dossier.

1. Celanese has a product traceability and withdrawal/recall program in place which we believe is appropriate for technical grade products.
2. The Product is not manufactured under GMP rules.
3. Celanese makes no nutrition statement.
4. There is no food or pharmaceutical grade hazard assessment program available for the Product.

Analytical Methods

Applied analytical methods according to the sales specifications provided as attachment.

Specifications	Analytical Methods [1]
Methyl Isobutyl Ketone	DIN 51 405 / ASTM D 3329
Water	DIN 51777 / ASTM D 1364 (mod. Karl-Fisher Method) / ASTM E 203
Acidity as Acetic Acid	DIN EN ISO 2114 / ASTM D 1613
Color	DIN EN 1557 / DIN ISO 6271 / ASTM D 1209 / ASTM 5386
Nonvolatile Matter	DIN 53 172 / ASTM D 1353
Appearance	Visual Examination / ASTM E 2680
Specific Gravity 20°C/20°C	DIN 51757 method D / ASTM D 4052

[1] Alternative equivalent methods can be used at Celanese Terminals.

Manufacturing Process & Raw Materials

Celanese manufactures the Product by hydrogenation of Mesityl Oxide (MO) in the presence of a catalyst. The raw materials and the catalyst are fed to the reactor where the major products are Methyl Isobutyl Ketone (MIBK) and Methyl Isobutyl Carbinol (MIBC). The crude product is then sent to the purification unit where the Product is purified by distillation.

Celanese supplies basic chemicals. Our production technology relies on a continuous production process. The initial basic molecules used at the beginning of the value chain are mainly from fossil origin from national wide pipeline networks that might contain trace amounts of bio-content, independent of any Celanese activity. Because of the multiple reaction and purification steps along the value chain to produce MIBK, we believe that the quality properties of our products are not influenced by the trace bio-content feedstock. During the manufacturing process, the material does not come into contact with materials of animal origin.

Shelf Life

The shelf life of the Product is one year.

The shelf life dates from the date of packaging, and for bulk deliveries this is the date of loading. This period is in general applicable to material

- packaged in discrete containers such as drums or bulk containers and
- stored under conditions recommended by Celanese.

For the Product this entails storage at ambient temperatures in tightly sealed, undamaged containers in a cool and well-ventilated place under dry air or dry nitrogen blanket. Blanketing may be used to retain quality in long term storage conditions, especially to prevent access of humidity.

Most products will have a longer useful life, but should be examined by the owner at its sole responsibility at the end of the recommended storage life to determine purity and condition of product. Bulk storage life, under recommended storage conditions, may be longer if the Product is routinely monitored for specific indications of the condition of the material, or if the Product in the tank is removed and replenished with fresh material on a routine basis. Any use of the Product after expiration of the shelf life is the sole responsibility of the buyer.

Kosher

The Product is not available as a certified Kosher grade.

Celanese supplies basic chemicals. Our production technology relies on a continuous production process. The initial basic molecules used at the beginning of the value chain are mainly from fossil origin from national wide pipeline networks that might contain trace amounts of bio-content, independent of any Celanese activity. Because of the multiple reaction and purification steps along the value chain to produce MIBK, we believe that the quality properties of our products are not influenced by the bio-content feedstock. All catalysts and processing aids are of synthetic origin; we do not use any direct raw materials having an animal or dairy origin, nor is our process likely to be contaminated by such. Ethanol is not used as raw material or processing aid.

Halal

The Product is not available as a certified Halal grade.

Celanese supplies basic chemicals. Our production technology relies on a continuous production process. The initial basic molecules used at the beginning of the value chain are mainly from fossil origin from national wide pipeline networks that might contain trace amounts of bio-content, independent of any Celanese activity. Because of the multiple reaction and purification steps along the value chain to produce MIBK, we believe that the quality properties of our products are not influenced by the bio-content feedstock. All catalysts and processing aids are of synthetic origin; we do not use any direct raw materials having an animal or dairy origin, nor is our process likely to be contaminated by such. Ethanol is not used as raw material or processing aid.

ICH Guidelines

The Product itself is defined as a class 2 solvent by the ICH Guideline Q3C(R9) for residual solvents.

The major impurities classified as solvent according to the ICH Guideline Q3C(R9) for residual solvents contained in the Product are Acetone and Acetic Acid. Acetone and Acetic Acid are listed as class 3 solvents in the guideline.

The Product does not contain intentionally added sources of biological substances as described in ICH: Q5A (R2): Viral safety evaluation of biotechnology products derived from cell lines of human or animal origin.

Radiation

The Product is not subjected to any artificial radiation.

Regulatory Statements

The Product as of this date is listed in the following regulations:

- California Proposition 65
- CERCLA Hazardous substances
- EPCRA Section 313

Animal Testing

The Product was not subject of animal testing for cosmetic purposes by or on behalf of Celanese in order to meet the requirements of Regulation (EC) No 1223/2009 on cosmetic products.

As a chemical products manufacturer and importer, Celanese is required to participate in the chemical industry's efforts to ensure the protection of human health and the environment, and also has obligations under the REACH regulation (Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals).

Celanese practice is to extensively search internally and externally for existing toxicological information before initiating testing. Where existing information does not exist for relevant endpoints, a comprehensive effort will be made to avoid the use of animals by employing alternative methods. When

other means have been exhausted and animal testing may be required to develop data to ensure the protection of health and the environment, scientifically sound techniques to reduce the numbers of animals will be used. All applicable animal welfare laws will be followed to ensure care and compassion are exercised.

BSE/TSE

Celanese supplies basic chemicals. Our production technology relies on a continuous production process. The initial basic molecules used at the beginning of the value chain are mainly from fossil origin from national wide pipeline networks that might contain trace amounts of bio-content, independent of any Celanese activity. Because of the multiple reaction and purification steps along the value chain to produce MIBK, we believe that the quality properties in terms of BSE/TSE are not influenced by the trace bio-content feedstock. All catalysts and processing aids are of synthetic origin; we do not use any direct raw materials having an animal dairy origin, nor is our process likely to be contaminated by such.

Genetically Modified Organisms (GMO)

The chemistry to manufacture the Product does not use genetically modified or engineered organisms or biomaterials. No GMO/GME substances are added to the Product. The product is not verified through the Non-GMO Project Verification Program.

Celanese supplies basic chemicals. Our production technology relies on a continuous production process. The initial basic molecules used at the beginning of the value chain are mainly from fossil origin from national wide pipeline networks that might contain trace amounts of bio-content, independent of any Celanese activity. Because of the multiple reaction and purification steps along the value chain to produce MIBK, we believe that the quality properties in terms of GMO are not influenced by the bio-content feedstock. However, we do not have a specification for them, and we do not analyze them.

Global Country Inventories

The substance is listed in the following country inventories:

Chemical Inventory Status	listed	comments
Australia (AIIC)	yes	
Canada (DSL)	yes	
China (IECSC)	yes	
Japan (ENCS)	yes	
New Zealand (NZIOC)	yes	
Philippines (PICCS)	yes	
USA (TSCA)*	yes	active
Korea (KECI)	yes	
Taiwan (TCSI)	yes	
Mexico (INSQ)	yes	

* It is not subject to any action under TSCA Section 4, 5, 6, 8a, 8d, or 12b.

Allergens

The Product does not, based on Celanese's knowledge, contain the following substances and products thereof commonly associated with food allergens:

- Peanut
- Soya
- Bean
- Milk
- Egg
- Fish
- Peas
- Barley
- Lupine
- Mollusks
- Sulfur Dioxide
- Sulphites
- Tree nuts
- Wheat
- Crustaceans
- Gluten
- Glycerol
- Mustard

Excluded substances

These substances are not, based on Celanese's knowledge, present in the Product. They are not known to be generated in the production process, nor are we aware of such substances appearing as impurities in the raw materials. However, we do not have a specification for those substances, nor do we analyze for them.

No metals are intentionally added to the product or process. Normal trace levels of metals may be found in the product.

- Persistent Bioaccumulative Toxic (PBT) Chemicals listed by the TRI Program as of May 16, 2021
- Chemicals listed in EPA's Toxic and Priority Pollutants Under the Clean Water Act as of May 16, 2021 and listed in 40CFR 401.15 and 40 CFR 423, Appendix A respectively
- Persistent Organic Pollutants (POPs)
- Substances listed in North Carolina TAC List 15A NCAC 02Q .0711
- Substances acc. to the ZDHC Manufacturing Restricted Substances List, Version 3.1 (July 2023) above applicable thresholds.

- 2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP)
- 3-Monochloro-propanediol (3-MCPD)
- Aflatoxins
- Algaecide / biocide
- Alkyl phenol ethoxylates (APEO)
- Aromatic amines
- Asbestos
- Azo compounds
- BADGE (2,2-bis(4-hydroxyphenyl)propane bis(2,3-epoxypropyl) ether)
- BFDGE (bis(hydroxyphenyl)methane bis(2,3-epoxypropyl) ethers)
- Bisphenol A
- Bisphenol F
- Brominated flame retardants
- Butylated hydroxytoluene (BHT)
- Coloring Agents / Dyes
- Cytokines
- Monoclonal antibodies
- Nanomaterials
- Nanoparticle-based protein Therapeutics
- Naphthalene
- Natural Latex
- Nitrates
- Nitrogen oxide
- Nitrosamines
- Nitrosating agents
- NOGE (novolac glycidyl ether)
- Organotin compounds
- Ortho phenyl phenol (OPP)
- Ozone depleting substances
- Palm Oils / Palm Kernel Oils
- Paradichlorobenzene (PDCB)
- Pentachlorothiophenol (PCTP)

- Decabromodiphenyl ether (DecaBDE)
- Dichloro-propanediol (DCP)
- Dioxins
- Epichlorohydrin
- Epoxy compounds
- Ethylene oxide
- Flame retardants
- Fluorochemicals
- Formaldehyde and Formaldehyde releasers
- Glycol ethers
- Gold
- Halogens / Halogenated Substances
- Heavy metals
- Hexachlorobutadiene (HCBD)
- Hybridoma cells
- Jatropha
- Melamine
- Microplastics
- Mineral Oil Aromatic Hydrocarbons (MOAH)
- Mineral Oil Saturated Hydrocarbons (MOSH)
- Per- and polyfluoroalkyl substances (PFAS)[2]
- Pesticides
- Phenol, isopropylated phosphate (PIP (3:1))
- Phosphates
- Phthalates
- Pigments
- Plasticizers
- Polybrominated substances
- Polychlorinated substances
- Polyvinyl chloride (PVC)
- Protein subunits
- Radioactive substances
- Sewer sludge
- Silicones
- Subunit vaccines from in-vitro cell culture
- Tantalum
- Tin
- Tribromophenol
- Triclosan
- Tris (nonylphenyl) phosphite
- Tungsten
- Viral vectors and Viral vector derived products

EU REACH

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Celanese is aware of the obligations imposed by REACH on EU manufacturers and importers as well as on downstream users.
We are obliged to comply with the requirements of the REACH legislation relating to our European manufacturing facilities, our own imports as well as our obligations as a downstream user in the European chemical industry.
Should you require additional information on REACH and SVHC, please contact Celanese at REACH@celanese.com.

Food & Food Contact

Celanese produces and offers the Product exclusively as a technical product. The Product is not of a Food or Food contact grade. Any suitability for use is the sole responsibility of the buyer to verify fitness of the Product for the intended use and fitness of the final good for introduction into the market and to ensure compliance of the final goods with the relevant regulations.

[2] PFAS as defined by the OECD: PFAS definition published by Organization for Economic Co-operation and Development (OECD) provided at this LINK (last accessed on 25 July 2024) or via DOI 10.1787/e458e796-en

Packaging Inks in Swiss Ordinance of the FDHA on Materials and Articles (817.023.21)

Status: 21st January 2021

Packaging inks are regulated in the section 12 of the Ordinance of the FDHA on Materials and Articles, and the provisions of this Section apply to packaging inks as specific constituent elements of materials and articles.
General listings in Annex 2 and Annex 10 to the Swiss Ordinance of the FDHA on Materials and Articles (817.023.21):

Annex 2
Not listed.

Annex 10

1	Nr.	435
2	Bezeichnung des Stoffes	4-Methyl-2-pentanone
3	CAS-Nr.	0000108-10-1
4	Ref-Nr.	66725
5	Verwendung	S
6	Teil	A
7	SML [mg/kg]	5 (T)
8		
9	Beschränkungen und Spezifikationen	Summe mit 4-Methyl-2-pentanol [108-11-2]

Restriction of Hazardous Substances (RoHS)

Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (recast) (RoHS)

Status: 21st January 2021

The Product as supplied by Celanese does not fall within the scope of directive 2011/65/EU, since it applies to electrical and electronic equipment (EEE) "falling within the categories set out in Annex I." (Art. 2)
Annex II of Directive 2011/65/EU lists "Restricted substances […] and maximum concentration values tolerated by weight in homogeneous materials"

- Lead (0.1 %)
- Mercury (0.1 %)
- Cadmium (0.01 %)
- Hexavalent chromium (0.1 %)
- Polybrominated biphenyls (PBB) (0.1 %)
- Polybrominated diphenyl ethers (PBDE) (0.1 %)
- Bis(2-ethylhexyl) phthalate (DEHP) (0,1 %)
- Butyl benzyl phthalate (BBP) (0,1 %)
- Dibutyl phthalate (DBP) (0,1 %)
- Diisobutyl phthalate (DIBP) (0,1 %)

The Product, based on Celanese's knowledge, does not contain these substances at the required limits.

However, these substances are not routinely tested in our analytical procedures and quality control system, therefore, analytical data on the existence/non-existence of these substances cannot be provided.

Volatile Organic Compounds (VOC)

Status: 21st January 2021

The Product fulfills the criteria and is considered a VOC according to

- 2010/75/EU on industrial emissions (integrated pollution prevention and control) (Recast)
- 2004/42/CE on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products (Paints Directive)
- Swiss OVOC, Ordinance on the Incentive Tax on Volatile Organic Compounds 814.018

Attachment I: Sales Specifications

Celanese
The chemistry inside innovation™

Methyl Isobutyl Ketone

(4-Methylpentan-2-one) CAS-No. 108-10-1

Sales Specification

Specifications [1]		Limit	Unit
Methyl Isobutyl Ketone	min.	99.0	wt. %
Water	max.	0.10	wt. %
Acidity, as Acetic Acid	max.	0.01	wt. %
Color	max.	10	Pt-Co
Nonvolatile Matter	max.	0.010	g/100 mL
Appearance	-	CFSM [2]	-
Specific Gravity 20 °C/20 °C	-	0.8000 – 0.8040	-

(1) Test methods available upon request.
(2) Clear and Free from Suspended Matter.

Product Numbers: 50000446

Spec. MIBK-001-Global-Jun25

Supersedes: MIBK-001 (Jan. 2017) and MIBK_50000446_SLS_e_V3 of November 15, 2016 (Version-No. 3)

Celanese Performance Solutions Switzerland Sàrl
Route du Nant-d'Avril 146,
1217 Meyrin,
Switzerland
T+41 22 717 69 00

Celanese Pte Ltd
Celanese Singapore Pte Ltd
70 Anson Road
#21-01/02
Hub Synergy Point
Singapore 079905
T+65-6513-0443

Celanese Sales U.S. Ltd.
222 W. Las Colinas Blvd.
Suite 900N
Irving TX 75039 U.S.A.
T +1-972-443-4000

Celanese (Shanghai) International Trading Co. Ltd.
Room 411, No. 473
Fute West 1st Road
Waigaoqiao Free Trade Zone
Shanghai, China
T +86-21-38619288