



Safety Data Sheet Ink, MEK White Opaque Glass Bottle

According to Regulation (EC) No. 1907/2006 as amended by (EC) No. 2020/878; US OSHA 29CFR 1910.1200

Version 1.0 • Date of issue: 09-25-2023

SECTION 1: Identification

1.1 GHS Product identifier

Product name	Ink, MEK White Opaque Glass Bottle
Product number	51-0084-01
Brand	BestCode (REACH Registration number not relevant - mixture)

1.3 Recommended use of the chemical and restrictions on use

Uses advised against - Do not use for products which come into contact with foodstuffs. Do not use for private purposes (household)

1.4 Supplier's details

Name	BestCode
Address	3034 SE Loop 820 Fort Worth TX 76140 USA
Telephone	817-349-8555
email	Info@Bestcode.co

1.5 Emergency phone number

Chem Tel. Inc. Toll Free	800-255-3924
International	813-248-0585

SECTION 2: Hazard identification

General hazard statement

Hazardous ingredients for labelling : Methyl Ethyl Ketone

2.1 Classification of the substance or mixture

- Eye damage/irritation, Cat. 2A
- Specific target organ toxicity (single exposure), Cat. 3
- Flammable liquids, Cat. 2

2.2 GHS label elements, including precautionary statements

Pictograms



Signal word

Danger

Hazard statement(s)

H335 May cause respiratory irritation
H336 May cause drowsiness or dizziness
H225 Highly flammable liquid and vapor
H319 Causes serious eye irritation

Precautionary statement(s)

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 eye protection/face protection/protective gloves.
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.
P312 Call a POISON CENTER/doctor/.../ if you feel unwell.
P337+P313 If eye irritation persists: Get medical advice/attention.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents/container to ...
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting/.../ equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P370+P378 In case of fire: Use ... to extinguish.
P403+P235 Store in a well-ventilated place. Keep cool.

2.3 Other hazards which do not result in classification.

Results of PBT and vPvB assessments : Does not contain a PBT-/vPvB substance in a concentration of $\geq 0,1\%$.

Endocrine disrupting properties : Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0,1\%$

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. Methoxyisopropyl acetate

Concentration 1 - 5 % (weight)
EC no. 203-603-9
CAS no. 108-65-6
Index no. 607-195-00-7
REACH registration no. (EU) 01-2119475791-29-xxxx

- Flammable liquids, Cat. 3

H226 Flammable liquid and vapor

2. Ethyl Acetate

Concentration 1 - 5 % (weight)
EC no. 205-500-4
CAS no. 141-78-6
Index no. 607-022-00-5
REACH registration no. (EU) 01-2119475103-46-xxxx

- Flammable liquids, Cat. 2
- Specific target organ toxicity (single exposure), Cat. 3
- Eye damage/irritation, Cat. 2A

H225 Highly flammable liquid and vapor
H319 Causes serious eye irritation
H336 May cause drowsiness or dizziness

3. Methyl Ethyl Ketone

Concentration 75 - 90 % (weight)
EC no. 201-159-0
CAS no. 78-93-3
Index no. 606-002-00-3
REACH registration no. (EU) 01-2119457290-43-xxxx

- Flammable liquids, Cat. 2
- Specific target organ toxicity (single exposure), Cat. 3
- Eye damage/irritation, Cat. 2A

H225 Highly flammable liquid and vapor
H319 Causes serious eye irritation
H336 May cause drowsiness or dizziness

4. Oxirane, 2-[[3-(diethoxymethylsilyl)propoxy]methyl]-

Concentration 1 - 5 % (weight)
EC no. 220-780-8
CAS no. 2897-60-1
REACH registration no. (EU) 01-2120120420-79-0002

H317 May cause an allergic skin reaction
H412 Harmful to aquatic life with long lasting effects

5. Isopropyl Alcohol

Concentration < 1 % (weight)
EC no. 200-661-7
CAS no. 67-63-0
Index no. 603-117-00-0
REACH registration no. (EU) 01-2119457558-25-xxxx

- Flammable liquids, Cat. 2
- Eye damage/irritation, Cat. 2A
- Specific target organ toxicity (single exposure), Cat. 3

H225 Highly flammable liquid and vapor
H319 Causes serious eye irritation
H335 May cause respiratory irritation
H336 May cause drowsiness or dizziness

6. 2,6-Dimethyl-4-heptanone

Concentration < 1 % (weight)
EC no. 203-620-1
CAS no. 108-83-8
Index no. 606-005-00-X
REACH registration no. (EU) 01-2119473980-30-xxxx

- Flammable liquids, Cat. 3
- Specific target organ toxicity (single exposure), Cat. 3

H226 Flammable liquid and vapor
H335 May cause respiratory irritation

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice Consult a physician. Show this safety data sheet to the doctor in attendance.
Move out of dangerous area.

Do not leave the affected person unattended. remove victim out of the danger area. Keep the affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash off with soap and plenty of water.
In case of eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention/advice. Acute and delayed symptoms and effects: Causes serious eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.
If swallowed	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms/effects, acute and delayed.

Narcotic effects

4.3 Indication of immediate medical attention and special treatment needed, if necessary

None

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO₂)

Unsuitable extinguishing media - water jet

5.2 Specific hazards arising from the chemical.

In case of insufficient ventilation and/or in use, may form flammable/explosive vapor-air mixture. Solvent vapors are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

Hazardous combustion products:

Nitrogen oxides (NO_x), Carbon monoxide (CO), Carbon dioxide (CO₂)

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

In case of fire and/or explosion do not breath fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures

Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. For personal protection see section 8.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up.

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapors into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.

7.2 Conditions for safe storage, including any incompatibilities.

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Storage class (TRGS 510): Flammable liquids

Only Packaging's which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Substance	1-Methoxypropyl acetate
CAS No.	108-65-6

	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m ³	ppm	mg/m ³
Australia	50	274	100	548
Austria	50	275	100	550
Belgium	50 (1)	275 (1)	100 (1)(2)	550 (1)(2)
Canada - Ontario	50	270		
Denmark	50 (1)	275 (1)	100 (1)(2)	550 (1)(2)
European Union	50	275	100 (1)	550 (1)
Finland	50	270	100 (1)	550 (1)

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France	50	275	100 (1)	550 (1)
Germany (AGS)	50	270	50 (1)	270 (1)
Germany (DFG)	50	270	50 (1)	270 (1)
Hungary		275		550 (1)
Ireland	50	275	100 (1)	550 (1)
Israel	50	270		
Italy	50 (1)	275 (1)	100 (1)(2)	550 (1)(2)
Latvia	50	275	100 (1)	550 (1)
Norway	50 (1)	270 (1)		
Poland		260 (1)		520 (1)(2)
Romania	50	275	100 (1)	550 (1)
Spain	50 (1)	275 (1)	100 (1)(2)	550 (1)(2)
Sweden	50	275	100 (1)	550 (1)
Switzerland	50	275	50	275
The Netherlands	100	550		
Turkey	50	275	100 (1)	550 (1)
United Kingdom	50 (1)	274 (1)	100 (1)(2)	548 (1)(2)

	Remarks
Belgium	(1) Additional indication "D" means that the absorption of the agent through the skin, mucous membranes or eyes is an important part of the total exposure. It can be the result of both direct contact and its presence in the air. (2) 15 minutes average value
Denmark	(1) Skin (2) 15 minutes average value
European Union	(1) 15 minutes average value Bold-type: Indicative Occupational Exposure Limit Value (IOELV)
Finland	(1) 15 minutes average value
France	Bold type: Restrictive statutory limit values Skin (1) 15 minutes average value
Germany (AGS)	(1) 15 minutes average value
Germany (DFG)	(1) 15 minutes average value
Hungary	(1) 15 minutes average value
Ireland	(1) 15 minutes reference period
Italy	(1) Skin (2) 15 minutes average value
Latvia	(1) 15 minutes average value
Norway	(1) Skin
Poland	(1) Skin (2) 15 minutes average value
Romania	(1) 15 minutes average value
Spain	(1) Skin (2) 15 minutes average value
Sweden	(1) 15 minutes average value
Turkey	(1) 15 minutes average value

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United Kingdom (1) Skin (2) 15 minutes average value

Substance Ethyl acetate
CAS No. 141-78-6

	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m ³	ppm	mg/m ³
Australia	200	720	400	1440
Austria	200	734	400 (1)	1468 (1)
Belgium	200	734	400 (1)	1468 (1)
Canada - Ontario	400			
Canada - Québec	400	1440		
Denmark	150	540	300	1080
European Union	200	734	400 (1)	1468 (1)
Finland	200	730	400 (1)	1470 (1)
France	200	734	400 (1)	1468 (1)
Germany (AGS)	200	730	400 (1)	1460 (1)
Germany (DFG)	200	750	400 (1)	1500 (1)
Hungary		734		1468 (1)
Ireland	200	734	400 (1)	1468 (1)
Italy	200	734	400 (1)	1468 (1)
Japan (MHLW)	200			
Japan (JSOH)	200	720		
Latvia	54	200	400 (1)	1468 (1)
New Zealand	200	720		
Norway	200	734	400 (1)	1468 (1)
People's Republic of China		200		300 (1)
Poland		734		1468 (1)
Romania	200	734	400 (1)	1468 (1)
Singapore	400	1440		
South Africa	800			
South Africa Mining	200	700		
South Korea	400			
Spain	200	734	400 (1)	1460 (1)
Sweden	150	550	300 (1)	1100 (1)
Switzerland	200	730	400 (1)	1470 (1)

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The Netherlands	200	734	400 (1)	1468 (1)
USA - NIOSH	400	1400		
USA - OSHA	400	1400		
United Kingdom	200	734	400 (1)	1468 (1)

	Remarks
Austria	(1) 15 minutes average value
Belgium	(1) 15 minutes average value
European Union	(1) 15 minutes average value Bold-type: Indicative Occupational Exposure Limit Value (IOELV)
Finland	(1) 15 minutes average value
France	Bold type: Restrictive statutory limit values (1) 15 minutes average value
Germany (AGS)	(1) 15 minutes average value
Germany (DFG)	(1) 15 minutes average value
Hungary	(1) 15 minutes average value
Ireland	(1) 15 minutes average value
Italy	(1) 15 minutes average value
Latvia	(1) 15 minutes average value
Norway	(1) 15 minutes average value
People's Republic of China	(1) 15 minutes average value
Poland	(1) 15 minutes average value
Romania	(1) 15 minutes average value
Spain	(1) 15 minutes average value
Sweden	(1) 15 minutes average value
Switzerland	(1) 15 minutes average value
The Netherlands	(1) 15 minutes average value
United Kingdom	(1) 15 minutes average value

Substance	Butan-2-one
CAS No.	78-93-3
Remarks	Methyl Ethyl Ketone (MEK)

	Limit value - Eight hours		Limit value - short term	
	ppm	mg/m ³	ppm	mg/m ³
Australia	150	445	300	890
Austria	100	295	200	590
Belgium	200	600	300 (1)	900 (1)

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Canada - Ontario	200		300	
Canada - Québec	50	150	100 (1)	300 (1)
Denmark	50 (1)	145 (1)	100 (1)(2)	290 (1)(2)
European Union	200	600	300 (1)	900 (1)
Finland	20	60	100 (1)	300 (1)
France	200	600	300 (1)	900 (1)
Germany (AGS)	200 (1)	600 (1)	200 (1)(2)	600 (1)(2)
Germany (DFG)	200 (1)	600 (1)	200 (1)(2)	600 (1)(2)
Hungary		600 (1)		900 (1)(2)
Ireland	200	600	300 (1)	900 (1)
Israel	200	590		
Italy	200	600	300 (1)	900 (1)
Japan (MHLW)	200			
Japan (JSOH)	200	590		
Latvia	67	200	300 (1)	900 (1)
New Zealand	150	445	300	890
Norway	75	220		
People's Republic of China		300		600 (1)
Poland		450 (1)		900 (1)(2)
Romania	200	600	300 (1)	900 (1)
Singapore	200	590	300	885
South Africa	400 (1)		600 (1)(2)	
South Africa Mining	200 (1)	600 (1)	300 (1)(2)	900 (1)(2)
South Korea	200		300 (1)	
Spain	200	600	300	900
Sweden	50	150	300 (1)	900 (1)
Switzerland	200	590	200	590
The Netherlands	197 (1)	590 (1)	300 (1)(2)	900 (1)(2)
Turkey	200	600	300 (1)	900 (1)
USA - NIOSH	200	590	300 (1)	885 (1)
USA - OSHA	200	590		
United Kingdom	200 (1)	600 (1)	300 (1)(2)	899 (1)(2)

	Remarks
Belgium	(1) 15 minutes average value
Canada - Québec	(1) 15 minutes average value
Denmark	(1) Skin (2) 15 minutes average value

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European Union	(1) 15 minutes average value Bold-type: Indicative Occupational Exposure Limit Value (IOELV)
Finland	(1) 15 minutes average value
France	Bold type: Restrictive statutory limit values Skin (1) 15 minutes average value
Germany (AGS)	(1) Skin (2) 15 minutes average value
Germany (DFG)	(1) Skin (2) 15 minutes average value
Hungary	(1) Skin (2) 15 minutes average value
Ireland	(1) 15 minutes reference period
Italy	(1) 15 minutes average value
Latvia	(1) 15 minutes average value
People's Republic of China	(1) 15 minutes average value
Poland	(1) Skin (2) 15 minutes average value
Romania	(1) 15 minutes average value
South Africa	(1) Skin (2) 15 minutes average value
South Africa Mining	(1) Skin (2) 15 minutes average value
South Korea	(1) 15 minutes average value
Sweden	(1) 15 minutes average value
The Netherlands	(1) Skin (2) 15 minutes average value
Turkey	(1) 15 minutes average value
USA - NIOSH	(1) 15 minutes average value
United Kingdom	(1) Skin (2) 15 minutes average value

Substance	Propan-2-ol
CAS No.	67-63-0

	Limit value - Eight hours		Limit value - short term	
	ppm	mg/m ³	ppm	mg/m ³
Australia	400	983	500	1230
Austria	200	500	800	2000
Belgium	200	500	400 (1)	1000 (1)
Canada - Ontario	200		400	
Canada - Québec	200		400 (1)	
Denmark	200	490	400	980
Finland	200	500	250 (1)	620 (1)
France			400	980
Germany (AGS)	200	500	400 (1)	1000 (1)
Germany (DFG)	200	500	400 (1)	1000 (1)

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Hungary		500 (1)		1000 (1)(2)
Ireland	200		400 (1)	
Japan (MHLW)	200			
Japan (JSOH)	400 (1)	980 (1)		
Latvia		350		600 (1)
New Zealand	400	983	500	1230
Norway	100	245		
People's Republic of China		350		700 (1)
Poland		900 (1)		1200 (1)(2)
Romania	81	200	203 (1)	500 (1)
Singapore	400	983	500	1230
South Africa	400		800 (1)	
South Africa Mining	400	980	500 (1)	1225 (1)
South Korea	200		400 (1)	
Spain	200	500	400	1000
Sweden	150	350	250 (1)	600 (1)
Switzerland	200	500	400	1000
USA - NIOSH	400	980	500 (1)	1225 (1)
USA - OSHA	400	980		
United Kingdom	400	999	500 (1)	1250 (1)

	Remarks
Belgium	(1) 15 minutes average value
Canada - Québec	(1) 15 minutes average value
Finland	(1) 15 minutes average value
Germany (AGS)	(1) 15 minutes average value
Germany (DFG)	(1) 15 minutes average value
Hungary	(1) Skin (2) 15 minutes average value
Ireland	(1) 15 minutes reference period
Japan (JSOH)	(1) Occupational exposure limit ceiling: Reference value to the maximal exposure concentration of the substance during a working day
Latvia	(1) 15 minutes average value
People's Republic of China	(1) 15 minutes average value
Poland	(1) Skin (2) 15 minutes average value
Romania	(1) 15 minutes average value
South Africa	(1) 15 minutes average value
South Africa Mining	(1) 15 minutes average value

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South Korea	(1) 15 minutes average value
Sweden	(1) 15 minutes average value
USA - NIOSH	(1) 15 minutes average value
United Kingdom	(1) 15 minutes average value

Substance	2,6-Dimethylheptan-4-one
CAS No.	108-83-8

	Limit value - Eight hours		Limit value - short term	
	ppm	mg/m ³	ppm	mg/m ³
Australia	25	145		
Austria	50	290		
Belgium	25	147		
Canada - Ontario	25			
Canada - Québec	25	145		
Denmark	25	150	50	300
Finland	25	150	40 (1)	240 (1)
France	25	250		
Ireland	25	150		
New Zealand	25	145		
Norway	20	120		
People's Republic of China		145		
Poland		150		300 (1)
Romania	26	150	43 (1)	250 (1)
Singapore	25	145		
South Africa	50			
South Africa Mining	25	150		
South Korea	25			
Spain	25	148		
Switzerland	25	150		
USA - NIOSH	25	150		
USA - OSHA	50	290		
United Kingdom	25	148		

	Remarks
Finland	(1) 15 minutes average value
Poland	(1) 15 minutes average value

Romania (1) 15 minutes average value

8.2 Appropriate engineering controls

General ventilation

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Wear eye/face protection

Body protection

Impervious clothing, flame retardant antistatic protective clothing., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Environmental exposure controls

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

SECTION 9: Physical and chemical properties

Appearance (physical state, color, etc.)	Colored liquid
Odor	Solvent
Odor threshold	No data available.
pH	No data available.
Melting point/freezing point	Not determined.
Initial boiling point and boiling range	79 °C @760 mm Hg
Flash point	-9 °C 15.8 °F
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability or explosive limits	No data available.
Vapor pressure	No data available
Vapor density	No data available.
Relative density	No data available
Solubility(ies)	No data available.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available
Decomposition temperature	
Viscosity	No data available.

Additional properties

Physical state	Liquid
Color	White
Explosive properties	None
Oxidizing properties	None

SECTION 10: Stability and reactivity

10.1 Reactivity

There are no known reactivity hazards associated with this product.

10.2 Chemical stability

No stability concerns.

10.3 Possibility of hazardous reactions

None under normal use conditions.

10.4 Conditions to avoid.

Avoid storing in direct sunlight and avoid extremes of temperature.

Heat, flames, and sparks.

10.5 Incompatible materials

Isopropanol: Oxidizing agents, Acid anhydrides, Aluminum, Halogenated compounds, Acids

10.6 Hazardous decomposition products

Other decomposition products - No data available in the event of fire: see section 5
Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m³.

Isopropanol: Hazardous decomposition products formed under fire conditions. - Carbon oxides
Other decomposition products - No data available
In the event of fire: see section 5.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Test data not available for complete mixture

Shall not be classified as acutely toxic.

GHS of the United Nations, annex 4: May be harmful if swallowed.

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitization

Shall not be classified as a respiratory or skin sensitizer.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity (STOT) - single exposure

May cause drowsiness or dizziness.

Specific target organ toxicity (STOT) - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

Additional information

Repeated exposure may cause skin dryness or cracking.

SECTION 12: Ecological information

Toxicity

Shall not be classified as hazardous to the aquatic environment.

Persistence and degradability

No data available on product

Bio accumulative potential

No data available on product

Mobility in soil

The product contains organic solvents which will evaporate easily from all surfaces. The product contains substances which are insoluble in water and which sediment in water systems.

Results of PBT and vPvB assessment

Results of PBT and vPvB assessment: Does not contain a PBT-/vPvB substance in a concentration of $\geq 0,1\%$.

Endocrine disrupting properties

Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0,1\%$

Other adverse effects

No data available

SECTION 13: Disposal considerations

Disposal methods

Product disposal

Solvent reclamation/regeneration.

Packaging disposal

Dispose of an unused product.

Waste treatment

It is a dangerous waste; only packaging which are approved (e.g. acc. to ADR) may be used. Completely emptied packages may be recycled. Handle contaminated packages in the same way as the substance itself.

Sewage disposal

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Other disposal recommendations

Please consider the relevant national or regional provisions. Waste shall be separated into categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

49 CFR US DOT

UN Number: 1210

Class: 3

Packing Group: II

Proper Shipping Name: Printing ink,[flammable or] Printing ink related material [(including printing ink thinning or reducing compound),flammable]

Marine pollutant: -

Reportable quantity (RQ) - 6,196 lbs (2,813 kg) (Methyl Ethyl Ketone)

IMDG

UN Number: 1210

Class: 3

Packing Group: II

EMS Number: F-E,S-D

Proper Shipping Name: Printing ink,[flammable or] Printing ink related material [(including printing ink thinning or reducing compound),flammable]

IATA

UN Number: 1210

Class: 3

Packing Group: II

Proper Shipping Name: Printing ink,[flammable or] Printing ink related material [(including printing ink thinning or reducing compound),flammable]

SECTION 15: Regulatory information

15.1 Safety, health, and environmental regulations specific for the product in question

Safety Data Sheet
Ink, MEK White Opaque Glass Bottle

Version 1.0 • Date of issue: 09-25-2023

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
78-93-3	Methyl ethyl ketone	No	Yes NA	No
67-63-0	Isopropyl alcohol	No	No	Yes
141-78-6	Acetic acid, ethyl ester	No	Yes NA	No
108-65-6	Propylene glycol methyl ether acetate	No	No	No
2897-60-1	Silane, Diethoxymethyl[3-(oxiranylmethoxy)propyl]-	No	No	No
108-83-8	Diisobutyl ketone	No	No	No

CAS #	Hazardous Components (Chemical Name)	Canadian NPRI	Canadian Toxic	Canadian DSL
78-93-3	Methyl ethyl ketone	Yes: Part 5	No	Yes
67-63-0	Isopropyl alcohol	Yes: Part 5		Yes
141-78-6	Acetic acid, ethyl ester	Yes: Part 5	No	Yes
108-65-6	Propylene glycol methyl ether acetate	Yes	No	Yes
2897-60-1	Silane, Diethoxymethyl[3-(oxiranylmethoxy)propyl]-	No	No	Yes - N: Part 1
108-83-8	Diisobutyl ketone	No	No	Yes

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
78-93-3	Methyl ethyl ketone	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
67-63-0	Isopropyl alcohol	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
141-78-6	Acetic acid, ethyl ester	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
108-65-6	Propylene glycol methyl ether acetate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 8A PAIR, 8D TERM; CA PROP.65: No
2897-60-1	Silane, Diethoxymethyl[3-(oxiranylmethoxy)propyl]-	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 8A; CA PROP.65: No
108-83-8	Diisobutyl ketone	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

International Regulatory Lists

78-93-3 Methyl ethyl ketone Mexico INSQ: Yes - 1193; Australia ICS: Yes; New Zealand IOC: Yes; China IECSC: Yes; Japan ENCS: Yes - 2-542; Japan ISHL: No; Korea ECL: Yes - KE-24094; Philippines ICCS: Yes; Taiwan TCSCA: Yes; Singapore HSL: No; Israel HSL: No; Germany WHCS: Yes - 150: WGK 1; Switzerland Giftliste 1: Yes - G-2429; Switzerland INNS: No; REACH: Yes – 01-2119457290-43: Full, (P); Kyoto GHG: No; Rotterdam: No; Stockholm: No

67-63-0 Isopropyl alcohol Mexico INSQ: Yes - 1219; Australia ICS: Yes; New Zealand IOC: Yes; China IECSC: Yes; Japan ENCS: Yes - 2-207; Japan ISHL: Yes - 2-(8)-319; Korea ECL: Yes - KE-29363; Philippines ICCS: Yes; Taiwan TCSCA: Yes; Singapore HSL: No; Israel HSL: Yes - Cat.; Germany WHCS: Yes - 135: WGK 1; Switzerland Giftliste 1: Yes - G-1712; Switzerland INNS: No; REACH: Yes - 01-2119457558-25: Full, (P); Kyoto GHG: No; Rotterdam: No; Stockholm: No

141-78-6 Acetic acid, ethyl ester Mexico INSQ: Yes - 1173; Australia ICS: Yes; New Zealand IOC: Yes; China IECSC: Yes; Japan ENCS: Yes - 2-726; Japan ISHL: No; Korea ECL: Yes - KE-00047; Philippines ICCS: Yes; Taiwan TCSCA: Yes; Singapore HSL: No; Israel HSL: No; Germany WHCS: Yes - 95: WGK 1; Switzerland Giftliste 1: Yes - G-1157; Switzerland INNS: No; REACH: Yes - 01-2119475103-46: Full, (P); Kyoto GHG: No; Rotterdam: No; Stockholm: No

108-65-6 Propylene glycol methyl ether acetate Mexico INSQ: Yes; Australia ICS: Yes; New Zealand IOC: Yes; China IECSC: Yes; Japan ENCS: Yes - 5-1508; Japan ISHL: Yes - 5-1518; Korea ECL: Yes - KE-23315; Philippines ICCS: Yes; Taiwan TCSCA: Yes; Singapore HSL: No; Israel HSL: No; Germany WHCS: Yes - 5033: WGK 1; Switzerland Giftliste 1: Yes - G-54973; Switzerland INNS: No; REACH: Yes - 01-2119475791-29: Full, (P); Kyoto GHG: No; Rotterdam: No; Stockholm: No

2897-60-1 Silane, Diethoxymethyl[3-(oxiranylmethoxy)propyl]- Mexico INSQ: No; Australia ICS: Yes; New Zealand IOC: Yes; China IECSC: Yes; Japan ENCS: Yes - 2-2072; Japan ISHL: No; Korea ECL: KE-14-0113; Philippines ICCS: No; Taiwan TCSCA: Yes; Singapore HSL: No; Israel HSL: No; Germany WHCS: No; Switzerland Giftliste 1: No; Switzerland INNS: No; REACH: Yes - 01-2120120420-79: Full, (P); Kyoto GHG: No; Rotterdam: No; Stockholm: No

108-83-8 Diisobutyl ketone Mexico INSQ: Yes - 1157; Australia ICS: Yes; New Zealand IOC: Yes - HSR001130; China IECSC: Yes; Japan ENCS: Yes - 2-2475; Japan ISHL: Yes - 2-(8)-16; Korea ECL: Yes - KE-10907; Philippines ICCS: Yes; Taiwan TCSCA: Yes; Singapore HSL: No; Israel HSL: No; Germany WHCS: Yes - 591: WGK 1; Switzerland Giftliste 1: Yes - G-1546; Switzerland INNS: No; REACH: Yes - 01-2119474441-41: Full, (P); Kyoto GHG: No; Rotterdam: No; Stockholm: No

California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987

Warning this product could exposure you to chemicals listed by the state of California under the safe Drinking Water and Toxic Enforcement Act of 1989 (Proposition 65) as being known to cause cancer, birth defects, and/or reproductive harm. See www.P65warnings.a.gov for more details.

15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Revision Date: 09/25/2023

16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their purposes. In no event shall BestCode be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages, whatsoever arising, even if BestCode has been advised of the possibility of such damages.