

Safety Data Sheet

51-0083-01 Ink, MEK White Opaque, High Temp.

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: 09-28-2023

SECTION 1: Identification

1.1 GHS Product identifier

Product name	Ink, MEK White Opaque, High Temp.
Product number	51-0083-01
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, propyl acetate, Isopropyl alcohol

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)

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. METHYL ETHYL KETONE

Concentration	25 - 50 % (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

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- 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.

2. Ethanol

Concentration 10 - 25 % (weight)
EC no. 200-578-6
CAS no. 64-17-5
Index no. 603-002-00-5
REACH registration no. (EU) 01-2119457610-43

- Flammable liquids, Cat. 2

H225 Highly flammable liquid and vapor
H319 Causes serious eye irritation.

3. Methoxy Propyl Acetate (PMA)

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 Highly flammable liquid and vapor

4. PROPYL ACETATE

Concentration 1 - 5 % (weight)
EC no. 203-686-1
CAS no. 109-60-4
Index no. 607-024-00-6
REACH registration no. (EU) 01-2119484620-39-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.

5. Isopropanol

Concentration 1 - 5 % (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.
H336	May cause drowsiness or dizziness.

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 (NOx), 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 breathe 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 vapours 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 Packagings 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	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)
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

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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
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	Ethanol
CAS No.	64-17-5

	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m ³	ppm	mg/m ³
Australia	1000	1880		

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Austria	1000	1900	2000	3800
Belgium	1000	1907		
Canada - Ontario			1000	
Canada - Québec			1000 (1)	
Denmark	1000	1900	2000	3800
Finland	1000	1900	1300 (1)	2500 (1)
France	1000	1900	5000	9500
Germany (AGS)	200	380	800 (1)	1520 (1)
Germany (DFG)	200	380	800 (1)	1520 (1)
Hungary		1900		3800 (1)
Ireland			1000 (1)	
Latvia		1000		
New Zealand	1000	1880		
Norway	500	950		
Poland		1900		
Romania	1000	1900	5000 (1)	9500 (1)
Singapore	1000	1880		
South Africa			2000 (1)	
South Africa Mining	1000	1900		
South Korea	1000			
Spain			1000	1910
Sweden	500	1000	1000 (1)	1900 (1)
Switzerland	500	960	1000	1920
The Netherlands		260 (1)		1900 (1)(2)
USA - NIOSH	1000	1900		
USA - OSHA	1000	1900		
United Kingdom	1000	1920		

	Remarks
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) 15 minutes average value
Ireland	(1) 15 minutes reference period
Romania	(1) 15 minutes average value
South Africa	(1) Ceiling limit value
Sweden	(1) 15 minutes average value
The Netherlands	(1) Skin (2) 15 minutes average value

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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)
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

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

Substance	n-Propyl acetate
CAS No.	109-60-4

	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m ³	ppm	mg/m ³
Australia	200	835	250	1040
Austria	100	420	100	420
Belgium	200	847	250 (1)	1055 (1)
Canada - Ontario	200		250	
Canada - Québec	200	835	250 (1)	1040 (1)
Denmark	150	625	300	1250
Finland	100	420	200 (1)	850 (1)
France	200	840		
Germany (DFG)	100	420	200 (1)	840 (1)
Hungary		840 (1)		840 (1)(2)
Ireland	100	840	150 (1)	1050 (1)
Japan (MHLW)	200			
Japan (JSOH)	200	830		
Latvia		200		
New Zealand	200	835	250	1040
Norway	100	420		
People's Republic of China		200		300 (1)
Poland		200		400 (1)

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Romania	96	400	144 (1)	600 (1)
Singapore	200	835	250	1040
South Africa	200		300 (1)	
South Africa Mining	200	840	250 (1)	1050 (1)
South Korea	200		250 (1)	
Spain	200	849	250 (1)	1060 (1)
Sweden	100	400	200 (1)	800 (1)
Switzerland	100	420	200	840
USA - NIOSH	200	840	250 (1)	1050 (1)
USA - OSHA	200	840		
United Kingdom	200	849	250 (1)	1060 (1)

	Remarks
Belgium	(1) 15 minutes average value
Canada - Québec	(1) 15 minutes average value
Finland	(1) 15 minutes average value
Germany (DFG)	(1) 15 minutes average value
Hungary	(1) Skin (2) 15 minutes average value
Ireland	(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
South Africa	(1) 15 minutes average value
South Africa Mining	(1) 15 minutes average value
South Korea	(1) 15 minutes average value
Spain	(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	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	

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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)
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
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
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

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.)	
Odor	Pungent
Odor threshold	No data available.
pH	No data available.
Melting point/freezing point	Not determined.
Initial boiling point and boiling range	64,7 °C
Flash point	-8 °C 17.6 °F
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability or explosive limits	2,5 vol% - 13,5 vol%
Vapor pressure	169,3 hPa at 25°C
Vapor density	No data available.
Relative density	7,8 g/cm ³
Solubility(ies)	No data available.
Partition coefficient: n-octanol/water	No data available.

Auto-ignition temperature	380 °C
Decomposition temperature	
Viscosity	No data available.

Additional properties

Physical state	Liquid
Color	White
Explosive properties	None
Oxidizing properties	None

Supplemental information regarding physical hazard classes

T2 (maximum permissible surface temperature on the equipment: 300°C)

SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "conditions to avoid" and "incompatible materials". The mixture contains reactive substance(s). Risk of ignition.

If heated: Risk of ignition

10.2 Chemical stability

See below "conditions to avoid."

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

Oxidizers

Ethanol: Alkali metals, Oxidizing agents, Peroxides

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

10.6 Hazardous decomposition products

Other decomposition products - No data available In the event of fire: see section 5

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

Bioaccumulative potential

No data available on product

Mobility in soil

No data available

Results of PBT and vPvB assessment

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 $\geq 0,1\%$

Other adverse effects

No data available

SECTION 13: Disposal considerations

Disposal methods

Product disposal

Solvent reclamation/regeneration.

Packaging disposal

Dispose of as unused product.

Waste treatment

It is a dangerous waste; only packagings 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 the 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

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

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Ink, MEK White Opaque, High Temp.

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64-17-5	Ethanol	No	No	No
108-65-6	Propylene glycol methyl ether acetate	No	No	No
109-60-4	n-Propyl Acetate	No	No	No
67-63-0	Isopropyl alcohol	No	No	Yes

CAS #	Hazardous Components (Chemical Name)	Canadian NPRI	Canadian Toxic	Canadian DSL
78-93-3	Methyl ethyl ketone	Yes: Part 5	No	Yes
64-17-5	Ethanol	Yes: Part 5		
108-65-6	Propylene glycol methyl ether acetate	Yes	No	Yes
109-60-4	n-Propyl Acetate	Yes		
67-63-0	Isopropyl alcohol	Yes: Part 5		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
64-17-5	Ethanol	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8
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
109-60-4	n-Propyl Acetate	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

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

64-17-5 Ethyl alcohol Mexico INSQ: Yes; Australia ICS: Yes; New Zealand IOC: Yes; China IECSC: Yes; Japan ENCS: Yes - 5-153; Japan ISHL: No; Korea ECL: Yes - KE-13217; Philippines ICCS: Yes; Taiwan TCSCA: Yes; Singapore HSL: No; Israel HSL: Yes - Cat.; Germany WHCS: Yes - 96: WGK 1; Switzerland Giftliste 1: Yes - G-1158; Switzerland INNS: No; REACH: Yes -01-2119457610-43: 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

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 Gifftliste 1: Yes - G-1712; Switzerland INNS: No; REACH: Yes - 01-2119457558-25: 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: 09/28/2023

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.