

Safety Data Sheet 51-0015-02 Ink, Food Grade Red

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: 7-19-2023

SECTION 1: Identification

1.1 GHS Product identifier

Product name	Ink, Food Grade Red
Product number	51-0015-02
Brand	BestCode (REACH Registration number not relevant - mixture)

1.3 Recommended use of the chemical and restrictions on use

Industrial application: Ink. 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

2.1 Classification of the substance or mixture

- Flammable liquids, Cat. 2
- Eye damage/irritation, Cat. 2A
- Skin corrosion/irritation, Cat. 2
- Aquatic Toxicity (Acute), Cat. 2

2.2 GHS label elements, including precautionary statements.

Pictograms



Signal word

Danger

Hazard statement(s)

H336
H225
H319
H315
H335
H401

May cause drowsiness or dizziness
Highly flammable liquid and vapor
Causes serious eye irritation
Causes skin irritation
May cause respiratory irritation
Toxic to aquatic life

Precautionary statement(s)

P261
P264
P271
P280
P304+P340

Avoid breathing dust/fume/gas/mist/vapors/spray.
Wash ... thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear eye protection/face protection/protective gloves.
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
P337+P313
P403+P233

Call a POISON CENTER/doctor/.../ if you feel unwell.
If eye irritation persists: Get medical advice/attention.
Store in a well-ventilated place. Keep container tightly closed.

P405
P501
P210

Store locked up.
Dispose of contents/container to ...
Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P233
P240

Keep container tightly closed.
Ground/bond container and receiving equipment.

P241

Use explosion-proof electrical/ventilating/lighting/.../ equipment.

P242
P243
P303+P361+P353

Use only non-sparking tools.
Take precautionary measures against static discharge.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P370+P378
P403+P235
P302+P352
P321
P332+P313
P362+P364

In case of fire: Use ... to extinguish.
Store in a well-ventilated place. Keep cool.
IF ON SKIN: Wash with plenty of water/...
Specific treatment (see ... on this label).
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.

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. Ethyl alcohol

Concentration	52.75 – 84.0 % (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

2. Acetone

Concentration	2.75 – 7.0 % (weight)
EC no.	200-662-2
CAS no.	67-64-1
Index no.	606-001-00-8
REACH registration no. (EU)	01-2119471330-49

- 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. Propylene glycol

Concentration	0.81 – 3.0 % (weight)
EC no.	200-338-0
CAS no.	57-55-6
Index no.	NA
REACH registration no. (EU)	01-2119456809-23

4. Acetic acid, ethyl ester

Concentration	0.75 - 1.4 % (weight)
EC no.	205-500-4
CAS no.	141-78-6
Index no.	607-022-00-5
REACH registration no. (EU)	01-2119475103-46

- 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. Ammonium hydroxide

Concentration	0.5 – 3.0 % (weight)
EC no.	215-647-6
CAS no.	1336-21-6
Index no.	007-001-01-2
REACH registration no. (EU)	01-2119982985-14

- Skin corrosion/irritation, Cat. 1B
- Hazardous to the aquatic environment, short-term (acute), Cat. 1

H314	Causes severe skin burns and eye damage
H400	Very toxic to aquatic life

6. Water

Concentration	4.0 - 10 % (weight)
EC no.	231-791-2
CAS no.	7732-18-5
Index no.	NA

7. Non-Hazardous

Concentration	0.0-3.0%
NA	NA

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 affected person unattended. remove victim out of the danger area. Keep 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
Flammable Properties Carbon oxides

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 seperately. 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 vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours 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 recieving equipment. Use explosion proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.

Avoid inhalation of vapour or mist. Use explosion-proof equipment. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. For precautions see section 2.2.

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	Ethyl alcohol
CAS No.	64-17-5

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

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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

Substance	Acetone
CAS No.	67-64-1

	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m ³	ppm	mg/m ³
Australia	500	1185	1000	2375
Austria	500	1200	2000	4800
Belgium	246	594	492 (1)	1187 (1)
Canada - Ontario	250		500 (1)	
Canada - Québec	250		500 (1)	
Denmark	250	600	500	1200
European Union	500	1210		
Finland	500	1200	630 (1)	1500 (1)
France	500	1210	1000	2420
Germany (AGS)	500	1200	1000 (1)	2400 (1)
Germany (DFG)	500	1200	1000 (1)	2400 (1)
Hungary		1210		
Ireland	500	1210		

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Italy	500	1210		
Japan (MHLW)	500			
Japan (JSOH)	200	470		
Latvia	500	1210		
New Zealand	500	1185	1000	2375
Norway	125	295		
People's Republic of China		300		450 (1)
Poland		600		1800 (1)
Romania	500	1210		
Singapore	750	1780	1000	2380
South Africa	500		1000 (1)	
South Africa Mining	500	1185	1000 (1)	2375 (1)
South Korea	500		750 (1)	
Spain	500	1210		
Sweden	250	600	500 (1)	1200 (1)
Switzerland	500	1200	1000	2400
The Netherlands	500	1210	1000 (1)	2420 (1)
Turkey	500	1210		
USA - NIOSH	250	590		
USA - OSHA	1000	2400		
United Kingdom	500	1210	1500 (1)	3620 (1)
	Remarks			
Belgium	(1) 15 minutes average value			
Canada - Ontario	(1) 15 minutes average value			
Canada - Québec	(1) 15 minutes average value			
European Union	Bold-type: Indicative Occupational Exposure Limit Value (IOELV)			
Finland	(1) 15 minutes average value			
France	Bold type: Restrictive statutory limit values			
Germany (AGS)	(1) 15 minutes average value			
Germany (DFG)	(1) 15 minutes average value			
People's Republic of China	(1) 15 minutes average value			
Poland	(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			
Sweden	(1) 15 minutes average value			
The Netherlands	(1) 15 minutes average value			
United Kingdom	(1) 15 minutes average value			

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Substance	Propylene glycol
CAS No.	57-55-6

	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m ³	ppm	mg/m ³
Australia	150	474		
Canada - Ontario	50	155		
Ireland	150	470		
New Zealand	150 (1)	474		
		10 (1)		
Norway	25	79		
South Africa Mining	150	470		
United Kingdom	150	474		

	Remarks
New Zealand	(1) particulates only

Substance	Acetic acid, ethyl ester
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)

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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)
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	Ammonium hydroxide
CAS No.	1336-21-6

	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m ³	ppm	mg/m ³
Finland	20	14	50 (1)	36 (1)

	Remarks
Finland	(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	Ammonia-like
Odor threshold	No data available.
pH	No data available.
Melting point/freezing point	NA -94 - 137 C
Initial boiling point and boiling range	38 °C - 187 °C
Flash point	>-20 °C
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability or explosive limits	No data available.
Vapor pressure	No data
Vapor density	No data available.
Relative density	7.15 lb/gal
Solubility(ies)	No data available.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	>365°C
Decomposition temperature	
Viscosity	No data available.

Additional properties

Physical state	Liquid
Color	Red
Explosive properties	None
Oxidizing properties	None

Further safety characteristics (supplemental)

Percent Volatile >60 %

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.

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

Acetone: Bases, Oxidizing agents, Reducing agents, Acetone reacts violently with phosphorous oxychloride.

Propylene glycol: Acid chlorides, Acid anhydrides, Oxidizing agents, Chloroformates, Reducing agents.

10.6 Hazardous decomposition products

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

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

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Acute toxicity.

No data available. Inhalation: Dermal. Germ cell mutagenicity. Reproductive toxicity. Aspiration hazard: Kidney, Ureter, Bladder:Changes in both tubules and glomeruli. Blood:Changes in spleen. Behavioral: Muscle contraction or spasticity.

(Ammonium hydroxide)

Specific target organ toxicity - single exposure: Specific target organ toxicity - repeated exposure:

Epidemiology: Teratogenicity: No data available.

Reproductive Effects: Mutagenicity: Neurotoxicity: Other Studies:

Skin corrosion/irritation

Skin corrosion/irritation. No data available. Serious eye damage/eye irritation no data available.

Provide adequate ventilation.

Result: Tumorigenic:Tumors at site or application. Mild eye irritation -24. Serious eye damage/eye irritation: Eyes - rabbit -

Skin: Human.

Mild skin irritation -7 d Serious eye damage/eye irritation Eyes -Rabbit Eyes: Result: Mild skin irritation (OECD Test Guideline 404) Serious eye damage/eye irritation Classified according to Regulation (EU) 1272/2008, Annex VI (Table 3).

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitization

No data available. Guinea pig 88%, 4

Result: Tumorigenic:Tumors at site or application.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic. IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

CAS# 7732-18-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
64-17-5	Ethyl alcohol	n.a.	1	A4	n.a.
67-64-1	Acetone	n.a.	n.a.	A4	n.a.
57-55-6	Propylene glycol	n.a.	n.a.	n.a.	n.a.
141-78-6	Acetic acid, ethyl ester	n.a.	n.a.	n.a.	n.a.
1336-21-6	Ammonium hydroxide	n.a.	n.a.	n.a.	n.a.
7732-18-5	Water	n.a.	n.a.	n.a.	n.a.
NA	Non Hazardous	n.a.	n.a.	n.a.	n.a.

SECTION 12: Ecological information

Toxicity

No data available.

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]

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)
64-17-5	Ethyl alcohol	No	No	No
67-64-1	Acetone	No	Yes NA	No
57-55-6	Propylene glycol	No	No	No
141-78-6	Acetic acid, ethyl ester	No	Yes NA	No
1336-21-6	Ammonium hydroxide	No	Yes NA	No
7732-18-5	Water	No	No	No
NA	Non Hazardous	No	No	No

CAS #	Hazardous Components (Chemical Name)	Canadian NPRI	Canadian Toxic	Canadian DSL
64-17-5	Ethyl alcohol	Yes: Part 5		Yes
67-64-1	Acetone	No	No	Yes
57-55-6	Propylene glycol	No	No	Yes
141-78-6	Acetic acid, ethyl ester	Yes: Part 5	No	Yes
1336-21-6	Ammonium hydroxide	No	No	Yes
7732-18-5	Water	No	No	Yes
NA	Non Hazardous	No	No	No

CAS#	Hazardous Components (Chemical Name)	Other US EPA or State Lists
64-17-5	Ethyl alcohol	CAA HAP,ODC:No; CWA NPDES: No; TSCA: Yes-Inventory; CA PROP. 65: No; CA TAC, Title 8: Title 8.
67-64-1	Acetone	CAA HAP,ODC:No; CWA NPDES: No; TSCA: Yes-Inventory; CA PROP. 65: No; CA TAC, Title 8: Title 8.
57-55-6	Propylene glycol	CAA HAP,ODC:No; CWA NPDES: No; TSCA: Yes-Inventory; CA PROP. 65: No; CA TAC, Title 8: No.
141-78-6	Acetic acid, ethyl ester	CAA HAP,ODC:No; CWA NPDES: No; TSCA: Yes-Inventory; CA PROP. 65: No; CA TAC, Title 8: Title 8.
1336-21-6	Ammonium hydroxide	CAA HAP,ODC:No; CWA NPDES: No; TSCA: Yes-Inventory; CA PROP. 65: No; CA TAC, Title 8: Title 8.
7732-18-5	Water	CAA HAP,ODC:No; CWA NPDES: No; TSCA: Yes-Inventory; CA PROP. 65: No; CA TAC, Title 8: No.
NA	Non Hazardous	CAA HAP,ODC:No; CWA NPDES: No; TSCA: Yes-Inventory; CA PROP. 65: No; CA TAC, Title 8: No.

International Regulatory Lists

CAS # 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

CAS # 67-64-1 Acetone

Mexico INSQ: Yes; Australia ICS: Yes; New Zealand IOC: Yes; China IECSC: Yes; Japan ENCS: Yes - 2-542; Japan ISHL: No; Korea ECL: Yes - KE-29367; Philippines ICCS: Yes; Taiwan TCSCA: Yes; Singapore HSL: No; Israel HSL: No; Germany WHCS: Yes - 6: WGK 1; Switzerland Giftliste 1: Yes - G-1031; Switzerland INNS: No; REACH: Yes - 01-2119471330-49: Full, (P); Kyoto GHG: No; Rotterdam: No; Stockholm: No

CAS # 57-55-6 Propylene glycol

Mexico INSQ: Yes; Australia ICS: Yes; New Zealand IOC: Yes; China IECSC: Yes; Japan ENCS: Yes - 7-62; Japan ISHL: Yes - 2-(8)-323; Korea ECL: Yes - KE-29267; Philippines ICCS: Yes; Taiwan TCSCA: Yes; Singapore HSL: No; Israel HSL: No; Germany WHCS: Yes - 280: WGK 1; Switzerland Giftliste 1: Yes - G-2798; Switzerland INNS: No; REACH: Yes - 01-2119456809-23: Full, (P); Kyoto GHG: No; Rotterdam: No; Stockholm: No

CAS # 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

CAS # 1336-21-6 Ammonium hydroxide

Mexico INSQ: Yes - 2672; Australia ICS: Yes; New Zealand IOC: Yes; China IECSC: Yes; Japan ENCS: Yes - 1-314; Japan ISHL: No; Korea ECL: Yes - KE-01688; Philippines ICCS: Yes; Taiwan TCSCA: Yes; Singapore HSL: Yes - 34022093; Israel HSL: No; Germany WHCS: Yes - 211: WGK 2; Switzerland Giftliste 1: Yes - G-1100; Switzerland INNS: No; REACH: Yes - 01-2119982985-14: Intermediate, (P); Kyoto GHG: No; Rotterdam: No; Stockholm: No

CAS # 7732-18-5 Water

Mexico INSQ: Yes; Australia ICS: Yes; New Zealand IOC: Yes; China IECSC: Yes; Japan ENCS: Yes - 7-1663; Japan ISHL: 2-(4)-1220; Korea ECL: Yes - KE-35400; Philippines ICCS: Yes; Taiwan TCSCA: Yes; Singapore HSL: No; Israel HSL: No; Germany WHCS: No; Switzerland Giftliste 1: No; Switzerland INNS: No; REACH: Yes - 01-2120888954-31: Full, (P); Kyoto GHG: No; Rotterdam: No; Stockholm: No

CAS # NA Non Hazardous

Mexico INSQ: No; Australia ICS: No; New Zealand IOC: No; China IECSC: No; Japan ENCS: No; Japan ISHL: No;
Korea ECL: No; Philippines ICCS: No; Taiwan TCSCA: No; Singapore HSL: No; Israel HSL: No; Germany WHCS: No;
Switzerland Giftliste 1: No; Switzerland INNS: No; REACH: No; Kyoto GHG: No; Rotterdam: No; Stockholm: No

15.2 Chemical Safety Assessment

Chemical safety assessment for substances in this mixture was not carried out.

SECTION 16: Other information

Revision Date : 07/19/2023

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.