Safety Data Sheet
51-0016-02 Ink, Food Grade Blue

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: 7-21-2023

SECTION 1: Identification

1.1 GHS Product identifier

Product name	Ink, Food Grade Blue
Product number	51-0016-02
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	May cause drowsiness or dizziness
H225	Highly flammable liquid and vapor
H319	Causes serious eye irritation
H315	Causes skin irritation
H335	May cause respiratory irritation
H401	Toxic to aquatic life
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.
P302+P352	IF ON SKIN: Wash with plenty of water/...
P321	Specific treatment (see … on this label).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.

2.3 Other hazards which do not result in classification.

Results of PBT and vPvB assesments : Does not contain a PBT-/vPvB substance in a concentration of ≥0,1%.

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

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. Ethyl alcohol

Concentration	37.2 – 66.0 % (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	2.25 – 6.0 % (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	0.45 – 4.0 % (weight)
EC no.	200-338-0
CAS no.	57-55-6
Index no.	NA
REACH registration no. (EU)	01-2119456809-23

4. Ammonium hydroxide

Concentration	0.5 – 0.9 % (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	15 - 25 % (weight)
EC no.	231-791-2
CAS no.	7732-18-5

Index no.	NA

7. Non-Hazardous

Concentration	0.0-2.0%

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 (C02)

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/m³	ppm	mg/m³
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
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/m³	ppm	mg/m³
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		
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

Substance	Propylene glycol
CAS No.	57-55-6

	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m³	ppm	mg/m³
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	Ammonium hydroxide
CAS No.	1336-21-6

	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m³	ppm	mg/m³
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.)	Blue
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	No data - 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	7.34 lb/gal
Solubility(ies)	No data available.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data
Decomposition temperature	
Viscosity	No data available.

Additional properties

Physical state	Liquid
Color	Blue
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.
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 assesments : Does not contain a PBT-/vPvB substance in a concentration of ≥0,1%.

Endocrine disrupting properties
Does not contain an endocrine disruptor (EDC) in a concentration of ≥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 seperated into the categories that can be handled seperately 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
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
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.
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 # 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

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

15.2 Chemical Safety Assessment

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

SECTION 16: Other information

Revision Date : 07/21/2023

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.