

acc. to 29 CFR 1910.1200 App D

10X MOPS Buffer

Version number: GHS 6.0 Revision: 2020-10-13 Replaces version of: 2020-02-20 (GHS 5)

SECTION 1: Identification

1.1 Product identifier

Name 10X MOPS Buffer Product number M2101, M2138

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses General use

1.3 Details of the supplier of the safety data sheet

Teknova 2290 Bert Dr. Hollister California 95023 United States

Telephone: 831-637-1100 Telefax: 831-637-2355 e-mail: info@teknova.com Website: www.teknova.com

1.4 Emergency telephone number

CHEM TREC Emergency Phone Number (800)-424-9300

SECTION 2: Hazard(s) identification

2.1 Classification of the substance or mixture

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

This mixture does not meet the criteria for classification.

2.2 Label elements

Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200) not required

2.3 Other hazards

Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not relevant (mixture)

3.2 Mixtures

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Description of the mixture

Name of substance	CAS No.	Weight
MOPS	1132-61-2	8.372
Sodium Chloride	7647-14-5	2.922
Tricine Buffer	5704-04-1	0.7168
Ammonium Chloride	12125-02-9	0.5082
Magnesium Chloride, Hexahydrate	7791-18-6	0.1068
Potassium Sulfate	7778-80-5	0.0481
Ferrous (Iron II) Sulfate Heptahydrate	7782-63-0	0.00278
Calcium Chloride Dihydrate	10035-04-8	0.0000735
Boric Acid	10043-35-3	0.00002474
Manganese (II) Chloride Tetrahydrate	13446-34-9	0.000016
Cobalt chloride Hexahydrate	7791-13-1	0.00000718
Ammonium molybdate(VI)	12054-85-2	0.0000036
Zinc Sulfate Heptahydrate	7446-20-0	0.0000028
copper sulfate pentahydrate	7758-99-8	0.0000024

For full text of abbreviations: see SECTION 16.

SECTION 4: First-aid measures

4.1 Description of first-aid measures

General notes

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.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

Following skin contact

Wash with plenty of soap and water.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

4.3 Indication of any immediate medical attention and special treatment needed

none

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SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

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

Unsuitable extinguishing media

Water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

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

5.3 Advice for firefighters

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

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 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.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation Use local and general ventilation. Use only in well-ventilated areas.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

7.3 Specific end use(s)

See section 16 for a general overview.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)

Coun try	Name of agent	CAS No.	Iden- tifier	TWA [ppm]	TWA [mg/ m³]	STEL [ppm]	STEL [mg/ m³]	Ceil- ing-C [ppm]	Ceil- ing-C [mg/ m³]	Nota- tion	Sourc e
US	boric acid	10043- 35-3	TLV®		2		6			i	AC- GIH® 2019
US	ammonium chloride	12125- 02-9	PEL (CA)		10		20			fume	Cal/ OSHA PEL
US	ammonium chloride	12125- 02-9	REL		10 (10 h)		20			fume	NIOSH REL
US	ammonium chloride	12125- 02-9	TLV®		10		20			fume	AC- GIH® 2019

Notation

Ceiling-C ceiling value is a limit value above which exposure should not occur

fume as fume

inhalable fraction

STEL short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period

(unless otherwise specified)

TWA time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-

weighted average (unless otherwise specified

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Relevant DNELs of components of the mixture

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Name of substance	CAS No.	Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
Sodium Chloride	7647-14-5	DNEL	2,069 mg/ m³	human, inhalatory	worker (industry)	chronic - system- ic effects
Sodium Chloride	7647-14-5	DNEL	2,069 mg/ m³	human, inhalatory	worker (industry)	acute - systemic effects
Sodium Chloride	7647-14-5	DNEL	295.5 mg/ kg bw/day	human, dermal	worker (industry)	chronic - system- ic effects
Sodium Chloride	7647-14-5	DNEL	295.5 mg/ kg bw/day	human, dermal	worker (industry)	acute - systemic effects
Ammonium Chloride	12125-02-9	DNEL	33.5 mg/m ³	human, inhalatory	worker (industry)	chronic - system- ic effects
Ammonium Chloride	12125-02-9	DNEL	190 mg/kg bw/day	human, dermal	worker (industry)	chronic - system- ic effects
Potassium Sulfate	7778-80-5	DNEL	37.6 mg/m ³	human, inhalatory	worker (industry)	chronic - system- ic effects
Potassium Sulfate	7778-80-5	DNEL	21.3 mg/kg bw/day	human, dermal	worker (industry)	chronic - system- ic effects
Ferrous (Iron II) Sulfate Heptahydrate	7782-63-0	DNEL	2.8 mg/kg bw/day	human, dermal	worker (industry)	chronic - system- ic effects
Calcium Chloride Di- hydrate	10035-04-8	DNEL	5 mg/m³	human, inhalatory	worker (industry)	chronic - local ef- fects
Calcium Chloride Di- hydrate	10035-04-8	DNEL	10 mg/m³	human, inhalatory	worker (industry)	acute - local ef- fects
Boric Acid	10043-35-3	DNEL	8.3 mg/m ³	human, inhalatory	worker (industry)	chronic - system- ic effects
Boric Acid	10043-35-3	DNEL	392 mg/kg bw/day	human, dermal	worker (industry)	chronic - system- ic effects
Manganese (II) Chlor- ide Tetrahydrate	13446-34-9	DNEL	0.2 mg/m ³	human, inhalatory	worker (industry)	chronic - system- ic effects
Manganese (II) Chlor- ide Tetrahydrate	13446-34-9	DNEL	0.004 mg/ kg bw/day	human, dermal	worker (industry)	chronic - system- ic effects
Zinc Sulfate Heptahy- drate	7446-20-0	DNEL	1 mg/m³	human, inhalatory	worker (industry)	chronic - system- ic effects
Zinc Sulfate Heptahy- drate	7446-20-0	DNEL	8.3 mg/kg bw/day	human, dermal	worker (industry)	chronic - system- ic effects

Relevant PNECs of components of the mixture

Name of substance	CAS No.	Endpoint	Threshold level	Organism	Environmental compartment	Exposure time
Sodium Chloride	7647-14-5	PNEC	5 ^{mg} / _l	aquatic organisms	freshwater	short-term (single instance)

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Relevant PNECs of components of the mixture

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Name of substance	CAS No.	Endpoint	Threshold level	Organism	Environmental compartment	Exposure time
Sodium Chloride	7647-14-5	PNEC	500 ^{mg} / _l	aquatic organisms	sewage treat- ment plant (STP)	short-term (single instance)
Sodium Chloride	7647-14-5	PNEC	4.86 ^{mg} / _{kg}	terrestrial organ- soil isms		short-term (single instance)
Ammonium Chloride	12125-02-9	PNEC	1.2 ^{mg} / _l	aquatic organisms	freshwater	short-term (single instance)
Ammonium Chloride	12125-02-9	PNEC	11.2 ^{mg} / _l	aquatic organisms	marine water	short-term (single instance)
Ammonium Chloride	12125-02-9	PNEC	16.2 ^{mg} / _l	aquatic organisms	sewage treat- ment plant (STP)	short-term (single instance)
Ammonium Chloride	12125-02-9	PNEC	0.163 ^{mg} / _{kg}	terrestrial organ- isms	soil	short-term (single instance)
Magnesium Chloride, Hexahydrate	7791-18-6	PNEC	3.21 ^{mg} / _l	aquatic organisms	freshwater	short-term (single instance)
Magnesium Chloride, Hexahydrate	7791-18-6	PNEC	0.32 ^{mg} / _l	aquatic organisms	marine water	short-term (single instance)
Magnesium Chloride, Hexahydrate	7791-18-6	PNEC	90 ^{mg} / _l	aquatic organisms	sewage treat- ment plant (STP)	short-term (single instance)
Magnesium Chloride, Hexahydrate	7791-18-6	PNEC	288.9 ^{mg} / _{kg}	aquatic organisms	freshwater sedi- ment	short-term (single instance)
Magnesium Chloride, Hexahydrate	7791-18-6	PNEC	28.89 ^{mg} / _{kg}	aquatic organisms	marine sediment	short-term (single instance)
Magnesium Chloride, Hexahydrate	7791-18-6	PNEC	662.8 ^{mg} / _{kg}	terrestrial organ- isms	soil	short-term (single instance)
Potassium Sulfate	7778-80-5	PNEC	0.68 ^{mg} / _l	aquatic organisms	freshwater	short-term (single instance)
Potassium Sulfate	7778-80-5	PNEC	0.068 ^{mg} / _l	aquatic organisms	marine water	short-term (single instance)
Potassium Sulfate	7778-80-5	PNEC	10 ^{mg} / _l	aquatic organisms	sewage treat- ment plant (STP)	short-term (single instance)
Boric Acid	10043-35-3	PNEC	2.9 ^{mg} / _l	aquatic organisms	freshwater	short-term (single instance)
Boric Acid	10043-35-3	PNEC	2.9 ^{mg} / _l	aquatic organisms	marine water	short-term (single instance)
Boric Acid	10043-35-3	PNEC	10 ^{mg} / _l	aquatic organisms	sewage treat- ment plant (STP)	short-term (single instance)
Boric Acid	10043-35-3	PNEC	5.7 ^{mg} / _{kg}	terrestrial organ- isms	soil	short-term (single instance)
Manganese (II) Chlor- ide Tetrahydrate	13446-34-9	PNEC	0.013 ^{mg} / _l	aquatic organisms	freshwater	short-term (single instance)
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Relevant PNECs of components of the mixture

Name of substance	CAS No.	Endpoint	Threshold	Organism	Environmental	Exposure time
			level		compartment	
Manganese (II) Chlor- ide Tetrahydrate	13446-34-9	PNEC	0 ^{mg} / _l	aquatic organisms	marine water	short-term (single instance)
Manganese (II) Chlor- ide Tetrahydrate	13446-34-9	PNEC	20.4 ^{mg} / _l	aquatic organisms	sewage treat- ment plant (STP)	short-term (single instance)
Manganese (II) Chlor- ide Tetrahydrate	13446-34-9	PNEC	0.011 ^{mg} / _{kg}	aquatic organisms	freshwater sedi- ment	short-term (single instance)
Manganese (II) Chlor- ide Tetrahydrate	13446-34-9	PNEC	0.001 ^{mg} / _{kg}	aquatic organisms	marine sediment	short-term (single instance)
Manganese (II) Chlor- ide Tetrahydrate	13446-34-9	PNEC	14.8 ^{mg} / _{kg}	terrestrial organ- isms	soil	short-term (single instance)
Zinc Sulfate Heptahy- drate	7446-20-0	PNEC	20.6 ^{µg} / _l	aquatic organisms	freshwater	short-term (single instance)
Zinc Sulfate Heptahy- drate	7446-20-0	PNEC	6.1 ^{µg} / _l	aquatic organisms	marine water	short-term (single instance)
Zinc Sulfate Heptahy- drate	7446-20-0	PNEC	100 ^{µg} / _l	aquatic organisms	sewage treat- ment plant (STP)	short-term (single instance)
Zinc Sulfate Heptahy- drate	7446-20-0	PNEC	117.8 ^{mg} / _{kg}	aquatic organisms	freshwater sedi- ment	short-term (single instance)
Zinc Sulfate Heptahy- drate	7446-20-0	PNEC	56.5 ^{mg} / _{kg}	aquatic organisms	marine sediment	short-term (single instance)
Zinc Sulfate Heptahy- drate	7446-20-0	PNEC	35.6 ^{mg} / _{kg}	terrestrial organ- isms	soil	short-term (single instance)
copper sulfate pen- tahydrate	7758-99-8	PNEC	7.8 ^{µg} / _l	aquatic organisms	freshwater	short-term (single instance)
copper sulfate pen- tahydrate	7758-99-8	PNEC	5.2 ^{µg} / _l	aquatic organisms	marine water	short-term (single instance)
copper sulfate pen- tahydrate	7758-99-8	PNEC	230 ^{µg} / _l	aquatic organisms	sewage treat- ment plant (STP)	short-term (single instance)
copper sulfate pen- tahydrate	7758-99-8	PNEC	87 ^{mg} / _{kg}	aquatic organisms	freshwater sedi- ment	short-term (single instance)
copper sulfate pen- tahydrate	7758-99-8	PNEC	676 ^{mg} / _{kg}	aquatic organisms	marine sediment	short-term (single instance)
copper sulfate pen- tahydrate	7758-99-8	PNEC	65 ^{mg} / _{kg}	terrestrial organ- isms	soil	short-term (single instance)

8.2 Exposure controls

Appropriate engineering controls

General ventilation.

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Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

- Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

- Type of material

Nitrile

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state	liquid
Color	no data available
Odor	no data available

Other safety parameters

pH (value)	not determined
Melting point/freezing point	not determined
Initial boiling point and boiling range	100 °C
Flash point	not determined
Evaporation rate	not determined
Flammability (solid, gas)	not relevant, (fluid)
Explosive limits	not determined

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Vapor pressure	0 Pa at 25 °C
Density	not determined
Vapor density	not determined
Relative density	information on this property is not available
Solubility(ies)	not determined

Partition coefficient

Other information	there is no additional information
Oxidizing properties	none
Explosive properties	none
Viscosity	not determined
Auto-ignition temperature	
- n-octanol/water (log KOW)	this information is not available

9.2 Other information there is no additional information

SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

10.5 Incompatible materials

Oxidizers

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

This mixture does not meet the criteria for classification.

Acute toxicity

The classification criteria for these hazard classes are not met.

Acute toxicity estimate (ATE) of components of the mixture
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Name of substance	CAS No	Exposure route	ATE
Ammonium Chloride	12125-02-9	oral	1,410 ^{mg} / _{kg}
Ferrous (Iron II) Sulfate Heptahydrate	7782-63-0	oral	500 ^{mg} / _{kg}
Boric Acid	10043-35-3	inhalation: dust/mist	2.12 ^{mg} / _l /4h
Manganese (II) Chloride Tetrahydrate	13446-34-9	oral	500 ^{mg} / _{kg}
Cobalt chloride Hexahydrate	7791-13-1	oral	766 ^{mg} / _{kg}
Ammonium molybdate(VI)	12054-85-2	oral	333 ^{mg} / _{kg}
Ammonium molybdate(VI)	12054-85-2	inhalation: dust/mist	5 ^{mg} / _l /4h
Zinc Sulfate Heptahydrate	7446-20-0	oral	926 ^{mg} / _{kg}
copper sulfate pentahydrate	7758-99-8	oral	1,088 ^{mg} / _{kg}
copper sulfate pentahydrate	7758-99-8	dermal	2,000 ^{mg} / _{kg}

Skin corrosion/irritation

The classification criteria for this hazard class are not met. Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

The classification criteria for this hazard class are not met. Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitization

The classification criteria for these hazard classes are not met.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

The classification criteria for this hazard class are not met.

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IARC Monographs on the Evaluation of Carcinogenic Risks to Humans

Name of substance	CAS No	Classification	Number
Cobalt chloride Hexahydrate		2B	

Legend

2B Possibly carcinogenic to humans

Specific target organ toxicity - single exposure

The classification criteria for this hazard class are not met. Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

The classification criteria for this hazard class are not met.

Aspiration hazard

The classification criteria for this hazard class are not met.

SECTION 12: Ecological information

12.1 Toxicity

Shall not be classified as hazardous to the aquatic environment.

12.2 Persistence and degradability

Data are not available.

12.3 Bioaccumulative potential

Data are not available.

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Data are not available.

12.6 Other adverse effects

Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Sewage disposal-relevant information

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

Waste treatment of containers/packages

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

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.

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SECTION 14: Transport information

14.1 UN number not subject to transport regulations

14.2 UN proper shipping name not assigned14.3 Transport hazard class(es) not assigned

14.4 Packing group not assigned

14.5 Environmental hazards non-environmentally hazardous acc. to the danger-

ous goods regulations

14.6 Special precautions for user

There is no additional information.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

The cargo is not intended to be carried in bulk.

Information for each of the UN Model Regulations

Transport of dangerous goods by road or rail (49 CFR US DOT)

Not subject to transport regulations.

International Maritime Dangerous Goods Code (IMDG)

Not subject to IMDG.

International Civil Aviation Organization (ICAO-IATA/DGR)

Not subject to ICAO-IATA.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question National regulations (United States)

Superfund Amendment and Reauthorization Act (SARA TITLE III)

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)

none of the ingredients are listed

- Specific Toxic Chemical Listings (EPCRA Section 313) none of the ingredients are listed

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

- List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4)

Name of substance	CAS No	Remarks	Statutory code	Final RQ pounds (Kg)
Ammonium Chloride	12125-02-9		1	5000 (2270)
Ferrous (Iron II) Sulfate Heptahydrate	7782-63-0		1	1000 (454)

Legend

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[&]quot;1" indicates that the statutory source is section 311(b)(2) of the Clean Water Act



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Clean Air Act

none of the ingredients are listed

Right to Know Hazardous Substance List

- Hazardous Substance List (NJ-RTK)

Name of substance	CAS No.	Remarks	Classifications
Manganese (II) Chloride Tetrahydrate			
copper sulfate pentahydrate			
Ammonium Chloride	12125-02-9		
Ferrous (Iron II) Sulfate Heptahydrate	7720-78-7		
Ammonium molybdate(VI)	13106-76-8		
Zinc Sulfate Heptahydrate			
Cobalt chloride Hexahydrate			CA

Legend

CA Carcinogenic

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

none of the ingredients are listed

Industry or sector specific available guidance(s)

NPCA-HMIS® III

Hazardous Materials Identification System. American Coatings Association.

Category	Rating	Description
Chronic	*	chronic (long-term) health effects may result from repeated overexposure
Health	0	no significant risk to health
Flammability	0	material that will not burn under typical fire conditions
Physical hazard	0	material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive
Personal protection	-	

NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

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Category	Degree of hazard	Description
Flammability	0	material that will not burn under typical fire conditions
Health	0	material that, under emergency conditions, would offer no hazard beyond that of or- dinary combustible material
Instability	0	material that is normally stable, even under fire conditions
Special hazard		

National inventories

Country	Inventory	Status
US	TSCA	not all ingredients are listed

Legend

TSCA

Toxic Substance Control Act

15.2 Chemical Safety Assessment

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

SECTION 16: Other information, including date of preparation or last revision

Indication of changes (revised safety data sheet)

Section	Former entry (text/value)	Actual entry (text/value)	Safety- relevant
1.1	Product number: M2101	Product number: M2101, M2138	yes
15.1	VOC content: Regulated Volatile Organic Compounds (VOC- EPA): Regulated Volatile Organic Compounds (VOC-Cal ARB):		yes

Key literature references and sources for data

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.

Transport of dangerous goods by road or rail (49 CFR US DOT). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Disclaimer

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculation are based on information furnished by the manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstance of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in section 1. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Teknova, inc. Shall not be held liable for any damage res-

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acc. to 29 CFR 1910.1200 App D

10X MOPS Buffer

Version number: GHS 6.0 Revision: 2020-10-13 Replaces version of: 2020-02-20 (GHS 5)

ulting from handling or from contact with the above product. Teknova, inc.

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