

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Revision date: 19 DEC 2022

SECTION 1: Identification	
1.1. Identification	
Product form	: Mixture
Product name	: Formalin 20%, Buffered
Product code	: 3295-5G
1.2. Recommended use and restrictions	
Use of the substance/mixture	: For laboratory and manufacturing use only.
1.3. Supplier Astral Diagnostics Inc. Inc.	
Logan Township NJ 08085 - United States	
T +1 856 224 0900	
800-441-0366 Technical Service; Monday-Friday www.ethosbiosciences.com	/: 8:00AM-5:00 PM, Eastern US Time
1.4. Emergency telephone number	
Emergency number	: 800-424-9300 CHEMTREC (USA) 24 Hours/Day, 7 Days/Week
SECTION 2: Hazard(s) identification	
2.1. Classification of the substance or m	ixture
GHS-US classification	
Skin corrosion/irritation Category 2	H315 Causes skin irritation
Serious eye damage/eye irritation Category 1	H318 Causes serious eye damage
Skin sensitization, Category 1	H317 May cause an allergic skin reaction
Carcinogenicity Category 1A	H350 May cause cancer (Inhalation)
Hazardous to the aquatic environment - Acute Hazard Category 3	H402 Harmful to aquatic life
Full text of H statements : see section 16	
2.2. GHS Label elements, including prec	autionary statements
GHS-US labeling	
Hazard pictograms (GHS-US)	
	GHS05 GHS07 GHS08
Signal word (GHS-US)	: Danger
Hazard statements (GHS-US)	: H315 - Causes skin irritation
	H317 - May cause an allergic skin reaction H318 - Causes serious eye damage
	H350 - May cause cancer (Inhalation)
Precautionary statements (GHS-US)	H402 - Harmful to aquatic life : P203 - Obtain, read and follow all safety instructions before use.
	P264 - Wash exposed skin thoroughly after handling
	P272 - Contaminated work clothing should not be allowed out of the workplace P273 - Avoid release to the environment
	P280 - Wear protective gloves, protective clothing, eye protection, face protection
	P302+P352 - IF ON SKIN: Wash with plenty of soap and water P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact
	lenses, if present and easy to do. Continue rinsing P308+P313 - IF exposed or concerned: Get medical advice/attention
	P308+P313 - IF exposed of concerned. Get medical advice/attention P310 - Immediately call a poison center or doctor/physician
	P333+P313 - If skin irritation or rash occurs: Get medical advice/attention P362+P364 - Take off contaminated clothing and wash it before reuse
	P405 - Store locked up
	P501 - Dispose of contents/container to comply with local, state and federal regulations
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2.3.	Other hazards which do not	result in classification
Other h	azards not contributing to the cation	: None.

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS-US classification
Water	(CAS-No.) 7732-18-5	> 90	Not classified
Formaldehyde	(CAS-No.) 50-00-0	< 8	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 2 (Inhalation:vapor), H330 Skin Corr. 1C, H314 Eye Dam. 1, H318 Carc. 1A, H350 STOT SE 1, H370 Aquatic Acute 2, H401
Methanol	(CAS-No.) 67-56-1	< 2	Flam. Liq. 2, H225 Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 STOT SE 1, H370
Sodium Phosphate, Dibasic, Anhydrous	(CAS-No.) 7558-79-4	< 1 by weight	Eye Irrit. 2B, H320
Sodium Phosphate, Monobasic, Anhydrous	(CAS-No.) 7558-80-7	< 1 by weight	Not classified

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Allow victim to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Wash skin with plenty of water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and ea do. Continue rinsing. Immediately call a poison center or doctor/physician.	
First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.	
4.2. Most important symptoms and effe	cts (acute and delayed)
Symptoms/effects after inhalation	: May cause an allergic skin reaction. May cause cancer by inhalation.
Symptoms/effects after skin contact	: Causes skin irritation.
Symptoms/effects after eye contact	: Causes serious eye damage.
Symptoms/effects after ingestion	: Nausea Vomiting Diarrhea. Burns or irritation of the linings of the mouth, throat, and
4.3. Immediate medical attention and sp	ecial treatment, if necessary

Obtain medical assistance.

SECTION 5: Fire-fighting measures				
5.1.	Suitable (and unsuitable) extinguishing media			
	0 0	 Foam. Dry powder. Carbon dioxide. Water spray. Sand. Do not use a heavy water stream. 		
5.2.	Specific hazards arising from the che onal information available	emical		

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	equipment and precautions for fire-fighters
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
SECTION 6: Accidental	release measures
6.1. Personal precaution	ns, protective equipment and emergency procedures
6.1.1. For non-emergency	personnel
Protective equipment	: Safety glasses. Protective clothing. Gloves. Combined gas/dust mask with filter type A/P3.
Emergency procedures	: Evacuate unnecessary personnel.
6.1.2. For emergency res	ponders
Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Ventilate area.
6.2. Environmental prec	autions
Prevent entry to sewers and pu	blic waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.
6.3. Methods and mater	ial for containment and cleaning up
Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
6.4. Reference to other	sections
See Heading 8. Exposure cont	rols and personal protection.
SECTION 7: Handling a	nd storage
7.1. Precautions for safe	e handling
Precautions for safe handling	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Avoid breathing gas, mist, vapors, spray. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.
Hygiene measures	: Wash exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.
7.2. Conditions for safe	storage, including any incompatibilities
Storage conditions	: Keep only in the original container in a cool, well ventilated place away from : Heat sources. Keep container closed when not in use.
Incompatible products	: Strong oxidizers. Strong bases. Strong acids.
Incompatible materials	: Sources of ignition. Direct sunlight.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Formaldehyde (50-	00-0)	
ACGIH	ACGIH Ceiling (mg/m ³)	0.37 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	0.75 ppm
OSHA	OSHA PEL (STEL) (ppm)	2 ppm
IDLH	US IDLH (ppm)	20 ppm
NIOSH	NIOSH REL (TWA) (ppm)	0.016 ppm
NIOSH	NIOSH REL (ceiling) (ppm)	0.1 ppm 15 min.
Methanol (67-56-1)		
ACGIH	ACGIH TWA (ppm)	200 ppm (Methanol; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)
ACGIH	ACGIH STEL (ppm)	250 ppm (Methanol; USA; Short time value; TLV - Adopted Value)
OSHA	OSHA PEL (TWA) (mg/m ³)	260 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	200 ppm
IDLH	US IDLH (ppm)	6000 ppm

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Methanol (67-56-1)		
NIOSH	NIOSH REL (TWA) (mg/m ³)	250 mg/m³
NIOSH	NIOSH REL (TWA) (ppm)	200 ppm
NIOSH	NIOSH REL (STEL) (mg/m ³)	325 mg/m ³
NIOSH	NIOSH REL (STEL) (ppm)	250 ppm
NIOSH	Remark (NIOSH)	Skin
Sodium Phosphate, Monobasic, Anhydrous (7558-80-7)		
Not applicable		
Sodium Phosphate, Dibasic, Anhydrous (7558-79-4)		
Not applicable		
Water (7732-18-5)		
Not applicable		
<u>-</u>		

8.2. Appropriate engineering controls

Appropriate engineering controls

: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide adequate general and local exhaust ventilation.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Safety glasses. Gloves. Protective clothing. Gas mask at concentration in the air > TLV.



Hand protection:

Wear protective gloves

Eye protection:

Chemical goggles or safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

Wear appropriate mask

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties		
9.1. Information on basic physical and	chemical properties	
Physical state	: Liquid	
Color	: Colorless	
Odor	: Characteristic	
Odor threshold	: No data available	
рН	: 7	
Melting point	: No data available	

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Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Non flammable.
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: Soluble in water.
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available.
Oxidizing properties	: No data available.

9.2. Other information

No additional information available

SECTIO	N 10: Stability and reactivity	
10.1. F	Reactivity	
No additior	nal information available	
10.2. (Chemical stability	
Stable und	ler normal conditions.	
10.3. F	Possibility of hazardous reactions	
Not established.		
10.4. 0	Conditions to avoid	
Direct sunlight. Extremely high or low temperatures.		
10.5. I	Incompatible materials	
Strong oxidizers. Strong acids. Strong bases.		
10.6. H	Hazardous decomposition products	
Phosphoru	is oxides. Carbon monoxide. Carbon dioxide.	

SECTION 11: Toxicological information			
11.1. Information on toxicological effects			
Likely routes of exposure :	Inhalation; Skin and eye contact		
Acute toxicity :	Not classified		
Formaldehyde (50-00-0)			
LD50 oral rat	500 mg/kg		
ATE US (oral)	500 mg/kg body weight		
ATE US (dermal)	2000 mg/kg body weight		
ATE US (vapors)	0.578 mg/l/4h		
Methanol (67-56-1)			
LD50 oral rat	> 5000 mg/kg (Rat; BASF test; Literature study; 1187-2769 mg/kg bodyweight; Rat; Weight of evidence)		
LD50 dermal rabbit	15800 mg/kg (Rabbit; Literature study)		
LC50 inhalation rat (mg/l)	85 mg/l/4h (Rat; Literature study)		
LC50 inhalation rat (ppm)	64000 ppm/4h (Rat; Literature study)		

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Sodium Phosphata Manahasia Anhudraus	(7558_80_7)		
Sodium Phosphate, Monobasic, Anhydrous LD50 oral rat			
ATE US (oral)	8290 mg/kg 8290 mg/kg body weight		
Sodium Phosphate, Dibasic, Anhydrous (755			
LD50 oral rat	5950 mg/kg		
LD50 dermal rabbit	≥ 7940 mg/kg		
Water (7732-18-5) LD50 oral rat	> 00000 malka		
ATE US (oral)	≥ 90000 mg/kg 90000 mg/kg body weight		
Skin corrosion/irritation	: Causes skin irritation.		
	pH: 7		
Serious eye damage/irritation	: Causes serious eye damage.		
	pH: 7		
Respiratory or skin sensitization	: May cause an allergic skin reaction.		
Germ cell mutagenicity	: Not classified		
Carcinogenicity	: May cause cancer (Inhalation).		
Formaldehyde (50-00-0)			
IARC group	1 - Carcinogenic to humans		
Reproductive toxicity	: Not classified		
Specific target organ toxicity – single exposure	: Not classified		
Methanol (67-56-1) STOT-single exposure	Causes damage to organs (liver, kidneys, central nervous system, optic nerve) (Dermal, oral).		
	Causes damage to organs (iver, kidneys, central hervous system, optic herve) (Demai, oral).		
exposure	: Not classified		
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.		
Symptoms/effects after inhalation	: May cause an allergic skin reaction. May cause cancer by inhalation.		
Symptoms/effects after skin contact	: Causes skin irritation.		
Symptoms/effects after eye contact	: Causes serious eye damage.		
Symptoms/effects after ingestion	: Nausea. Vomiting. Diarrhea. Burns or irritation of the linings of the mouth, throat, and gastrointestina		
SECTION 12: Ecological information			
2.1. Toxicity			
Ecology - water	: Harmful to aquatic life.		
Formalin 20%, Buffered			
	27 mg/l		
Formalin 20%, Buffered EC50 Daphnia 1 Formaldehyde (50-00-0)			
•			
EC50 Daphnia 1 Formaldehyde (50-00-0) LC50 fish 1	27 mg/l		
EC50 Daphnia 1 Formaldehyde (50-00-0) LC50 fish 1 EC50 Daphnia 1 EC50 Daphnia 2	27 mg/l 41 mg/l (LC50; 96 h)		
EC50 Daphnia 1 Formaldehyde (50-00-0) LC50 fish 1 EC50 Daphnia 1	27 mg/l 41 mg/l (LC50; 96 h) 14.7 mg/l (EC50; 24 h)		
EC50 Daphnia 1 Formaldehyde (50-00-0) LC50 fish 1 EC50 Daphnia 1 EC50 Daphnia 2 Threshold limit algae 1	27 mg/l 41 mg/l (LC50; 96 h) 14.7 mg/l (EC50; 24 h) 2 mg/l		
EC50 Daphnia 1 Formaldehyde (50-00-0) LC50 fish 1 EC50 Daphnia 1 EC50 Daphnia 2	27 mg/l 41 mg/l (LC50; 96 h) 14.7 mg/l (EC50; 24 h) 2 mg/l 2.5 mg/l (EC0; 192 h)		
EC50 Daphnia 1 Formaldehyde (50-00-0) LC50 fish 1 EC50 Daphnia 1 EC50 Daphnia 2 Threshold limit algae 1 Methanol (67-56-1)	27 mg/l 41 mg/l (LC50; 96 h) 14.7 mg/l (EC50; 24 h) 2 mg/l 2.5 mg/l (EC0; 192 h) 15400 mg/l (LC50; EPA 660/3 - 75/009; 96 h; Lepomis macrochirus; Flow-through system; Fresh water; Experimental value) > 10000 mg/l (EC50; DIN 38412-11; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)		
EC50 Daphnia 1 Formaldehyde (50-00-0) LC50 fish 1 EC50 Daphnia 1 EC50 Daphnia 2 Threshold limit algae 1 Methanol (67-56-1) LC50 fish 1	27 mg/l 41 mg/l (LC50; 96 h) 14.7 mg/l (EC50; 24 h) 2 mg/l 2.5 mg/l (EC0; 192 h) 15400 mg/l (LC50; EPA 660/3 - 75/009; 96 h; Lepomis macrochirus; Flow-through system; Fresh water; Experimental value) > 10000 mg/l (EC50; DIN 38412-11; 48 h; Daphnia magna; Static system; Fresh water;		
EC50 Daphnia 1 Formaldehyde (50-00-0) LC50 fish 1 EC50 Daphnia 1 EC50 Daphnia 2 Threshold limit algae 1 Methanol (67-56-1) LC50 fish 1 EC50 Daphnia 1	27 mg/l 41 mg/l (LC50; 96 h) 14.7 mg/l (EC50; 24 h) 2 mg/l 2.5 mg/l (EC0; 192 h) Interview of the system of the		
EC50 Daphnia 1 Formaldehyde (50-00-0) LC50 fish 1 EC50 Daphnia 1 EC50 Daphnia 2 Threshold limit algae 1 Methanol (67-56-1) LC50 fish 1 EC50 Daphnia 1 LC50 fish 2	27 mg/l 41 mg/l (LC50; 96 h) 14.7 mg/l (EC50; 24 h) 2 mg/l 2.5 mg/l (EC0; 192 h) Interview of the system of the		
EC50 Daphnia 1 Formaldehyde (50-00-0) LC50 fish 1 EC50 Daphnia 1 EC50 Daphnia 2 Threshold limit algae 1 Methanol (67-56-1) LC50 fish 1 EC50 Daphnia 1 LC50 fish 2 Sodium Phosphate, Dibasic, Anhydrous (758)	27 mg/l 41 mg/l (LC50; 96 h) 14.7 mg/l (EC50; 24 h) 2 mg/l 2.5 mg/l (EC0; 192 h) 15400 mg/l (LC50; EPA 660/3 - 75/009; 96 h; Lepomis macrochirus; Flow-through system; Fresh water; Experimental value) > 10000 mg/l (EC50; DIN 38412-11; 48 h; Daphnia magna; Static system; Fresh water; Experimental value) > 10000 mg/l (LC50; 96 h; Salmo gairdneri) 58-79-4)		

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Formalin 20%, Buffered		
Persistence and degradability	Not established.	
Formaldehyde (50-00-0)		
Persistence and degradability	Readily biodegradable in water. Biodegradability in soil: no data available. No test data on mobility of the components available. Photodegradation in the air.	
Biochemical oxygen demand (BOD)	0.64 g O₂/g substance	
Chemical oxygen demand (COD)	1.06 g O₂/g substance	
ThOD	1.068 g O₂/g substance	
BOD (% of ThOD)	0.6 (5 days; Literature study)	
Methanol (67-56-1)		
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Highly mobile in soil.	
Biochemical oxygen demand (BOD)	0.6 - 1.12 g O₂/g substance	
Chemical oxygen demand (COD)	1.42 g O₂/g substance	
ThOD	1.5 g O₂/g substance	
BOD (% of ThOD)	0.8 (Literature study)	

12.3. Bioaccumulative potential

Formalin 20%, Buffered		
Bioaccumulative potential	Not established.	
Formaldehyde (50-00-0)		
Log Pow	-0.78 - 0.0	
Bioaccumulative potential	Bioaccumulation: not applicable.	
Methanol (67-56-1)		
BCF fish 1	< 10 (BCF; 72 h; Leuciscus idus)	
Log Pow	-0.77 (Experimental value; Other)	
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).	

12.4. Mobility in soil

Formaldehyde (50-00-0)	
Ecology - soil	Toxic to flora.
Methanol (67-56-1)	
Surface tension	0.023 N/m (20 °C)
Log Koc	Koc,PCKOCWIN v1.66; 1; Calculated value
Ecology - soil	Highly mobile in soil.

12.5. Other adverse effects	
Effect on the global warming GWPmix comment	No known effects from this product.No known effects from this product.
Other information	: Avoid release to the environment.

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SECTION 13: Disposal considerations			
3.1. Disposal methods			
•	: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to comply with local, state and federal regulations.		
cology - waste materials : Avoid release to			
SECTION 14: Transport information			
Department of Transportation (DOT) n accordance with DOT Not regulated			
SECTION 15: Regulatory information			
5.1. US Federal regulations			
Formalin 20%, Buffered			
SARA Section 311/312 Hazard Classes		 hazard - Carcinogenicity hazard - Respiratory or skin sensitization hazard - Serious eye damage or eye irritation hazard - Skin corrosion or Irritation 	
Substances Control Act (TSCA) inventory Chemical(s) subject to the reporting requirements 1986 and 40 CFR Part 372.	of Section 313 or Title III	of the Superfund Amendments and Reauthorization Act (SARA) of	
· · · · · · · · · · · · · · · · · · ·			
Methanol	CAS-N	No. 67-56-1	
		· · · ·	
Methanol		No. 67-56-1	
Methanol Formaldehyde		No. 67-56-1	
Methanol Formaldehyde Formaldehyde (50-00-0) RQ (Reportable quantity, section 304 of EPA's	CAS-N	No. 67-56-1 No. 50-00-0	
Methanol Formaldehyde Formaldehyde (50-00-0) RQ (Reportable quantity, section 304 of EPA's List of Lists)	CAS-N 100 lb Immediate (acute) health	No. 67-56-1 No. 50-00-0	
Methanol Formaldehyde Formaldehyde (50-00-0) RQ (Reportable quantity, section 304 of EPA's List of Lists) SARA Section 311/312 Hazard Classes SARA Section 313 - Emission Reporting Methanol (67-56-1)	CAS-N 100 lb Immediate (acute) health Delayed (chronic) health	No. 67-56-1 No. 50-00-0	
Methanol Formaldehyde Formaldehyde (50-00-0) RQ (Reportable quantity, section 304 of EPA's List of Lists) SARA Section 311/312 Hazard Classes SARA Section 313 - Emission Reporting	CAS-N 100 lb Immediate (acute) health Delayed (chronic) health	No. 67-56-1 No. 50-00-0	
Methanol Formaldehyde Formaldehyde (50-00-0) RQ (Reportable quantity, section 304 of EPA's List of Lists) SARA Section 311/312 Hazard Classes SARA Section 313 - Emission Reporting Methanol (67-56-1) RQ (Reportable quantity, section 304 of EPA's	CAS-N 100 lb Immediate (acute) health Delayed (chronic) health 0.1 %	No. 67-56-1 No. 50-00-0 h hazard h hazard	
Methanol Formaldehyde Formaldehyde (50-00-0) RQ (Reportable quantity, section 304 of EPA's List of Lists) SARA Section 311/312 Hazard Classes SARA Section 313 - Emission Reporting Methanol (67-56-1) RQ (Reportable quantity, section 304 of EPA's List of Lists)	CAS-N CAS-N 100 lb Immediate (acute) health Delayed (chronic) health 0.1 % 5000 lb Immediate (acute) health Fire hazard	No. 67-56-1 No. 50-00-0 h hazard h hazard	
Methanol Formaldehyde Formaldehyde (50-00-0) RQ (Reportable quantity, section 304 of EPA's List of Lists) SARA Section 311/312 Hazard Classes SARA Section 313 - Emission Reporting Methanol (67-56-1) RQ (Reportable quantity, section 304 of EPA's List of Lists) SARA Section 311/312 Hazard Classes	CAS-N CAS-N 100 lb Immediate (acute) health Delayed (chronic) health 0.1 % 5000 lb Immediate (acute) health Fire hazard	No. 67-56-1 No. 50-00-0 h hazard h hazard	
Methanol Formaldehyde Formaldehyde (50-00-0) RQ (Reportable quantity, section 304 of EPA's List of Lists) SARA Section 311/312 Hazard Classes SARA Section 313 - Emission Reporting Methanol (67-56-1) RQ (Reportable quantity, section 304 of EPA's List of Lists) SARA Section 311/312 Hazard Classes Sodium Phosphate, Dibasic, Anhydrous (7558 RQ (Reportable quantity, section 304 of EPA's List of Lists)	CAS-N CAS-N 100 lb Immediate (acute) health Delayed (chronic) health 0.1 % 5000 lb Immediate (acute) health Fire hazard 79-4)	No. 67-56-1 No. 50-00-0 h hazard h hazard	
Methanol Formaldehyde Formaldehyde (50-00-0) RQ (Reportable quantity, section 304 of EPA's List of Lists) SARA Section 311/312 Hazard Classes SARA Section 313 - Emission Reporting Methanol (67-56-1) RQ (Reportable quantity, section 304 of EPA's List of Lists) SARA Section 311/312 Hazard Classes Sodium Phosphate, Dibasic, Anhydrous (7558 RQ (Reportable quantity, section 304 of EPA's List of Lists) SARA Section 311/312 Hazard Classes Sodium Phosphate, Dibasic, Anhydrous (7558 RQ (Reportable quantity, section 304 of EPA's List of Lists) 15.2. International regulations	CAS-N CAS-N 100 lb Immediate (acute) health Delayed (chronic) health 0.1 % 5000 lb Immediate (acute) health Fire hazard 79-4)	No. 67-56-1 No. 50-00-0 h hazard h hazard	
Methanol Formaldehyde Formaldehyde (50-00-0) RQ (Reportable quantity, section 304 of EPA's List of Lists) SARA Section 311/312 Hazard Classes SARA Section 313 - Emission Reporting Methanol (67-56-1) RQ (Reportable quantity, section 304 of EPA's List of Lists) SARA Section 311/312 Hazard Classes Sodium Phosphate, Dibasic, Anhydrous (7558 RQ (Reportable quantity, section 304 of EPA's List of Lists) SARA Section 311/312 Hazard Classes Sodium Phosphate, Dibasic, Anhydrous (7558 RQ (Reportable quantity, section 304 of EPA's List of Lists) 15.2. International regulations CANADA	CAS-N CAS-N 100 lb Immediate (acute) health Delayed (chronic) health 0.1 % 5000 lb Immediate (acute) health Fire hazard 79-4)	No. 67-56-1 No. 50-00-0 h hazard h hazard	
Methanol Formaldehyde Formaldehyde (50-00-0) RQ (Reportable quantity, section 304 of EPA's List of Lists) SARA Section 311/312 Hazard Classes SARA Section 313 - Emission Reporting Methanol (67-56-1) RQ (Reportable quantity, section 304 of EPA's List of Lists) SARA Section 311/312 Hazard Classes Sodium Phosphate, Dibasic, Anhydrous (7558 RQ (Reportable quantity, section 304 of EPA's	CAS-N	No. 67-56-1 No. 50-00-0 h hazard h hazard	
Methanol Formaldehyde Formaldehyde (50-00-0) RQ (Reportable quantity, section 304 of EPA's List of Lists) SARA Section 311/312 Hazard Classes SARA Section 313 - Emission Reporting Methanol (67-56-1) RQ (Reportable quantity, section 304 of EPA's List of Lists) SARA Section 311/312 Hazard Classes Sodium Phosphate, Dibasic, Anhydrous (7558 RQ (Reportable quantity, section 304 of EPA's List of Lists) SARA Section 311/312 Hazard Classes Sodium Phosphate, Dibasic, Anhydrous (7558 RQ (Reportable quantity, section 304 of EPA's List of Lists) 15.2. International regulations CANADA Formaldehyde (50-00-0)	CAS-N	No. 67-56-1 No. 50-00-0 h hazard h hazard	

Water (7732-18-5)

Listed on the Canadian DSL (Domestic Substances List) Sodium Phosphate, Dibasic, Anhydrous (7558-79-4)

Listed on the Canadian DSL (Domestic Substances List)

Sodium Phosphate, Monobasic, Anhydrous (7558-80-7)

Listed on the Canadian DSL (Domestic Substances List)

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EU-Regulations

No additional information available

National regulations

Formaldehyde (50-00-0) Listed on the Canadian IDL (Ingredient Disclosure List) Listed on IARC (International Agency for Research on Cancer) Listed as carcinogen on NTP (National Toxicology Program)

Methanol (67-56-1)

Listed on the Canadian Ingredient Disclosure List

15.3. US State regulations

This product can expose you to Formaldehyde, which is known to the State of California to cause cancer, and Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Formaldehyde (50-00-0)				
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
Yes	Yes	No	No	40 µg/day
Methanol (67-56-1)				
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	Yes	No	No	

SECTION 16: Other information

Revision date

: 19 DEC 2022

Full text of H-phrases:

Highly flammable liquid and vapor
Flammable liquid and vapor
Toxic if swallowed
Harmful if swallowed
Toxic in contact with skin
Harmful in contact with skin
Causes severe skin burns and eye damage
Causes skin irritation
May cause an allergic skin reaction
Causes serious eye damage
Fatal if inhaled
Toxic if inhaled
May cause cancer

Safety Data Sheet

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H350	May cause cancer
H370	Causes damage to organs
H401	Toxic to aquatic life
H402	Harmful to aquatic life
NFPA health hazard	: 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.
IFPA fire hazard	: 1 - Materials that must be preheated before ignition can occur.
NFPA reactivity	 : 0 - Material that in themselves are normally stable, even under fire conditions.
lazard Rating	
Health	×
Flammability	: 2 Moderate Hazard - Temporary or minor injury may occur
	 * - Chronic (long-term) health effects may result from repeated overexposure
Physical	 1 Slight Hazard - Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 F. (Class IIIB)
Personal protection	: 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.
	: H
	H - Splash goggles, Gloves, Synthetic apron, Vapor respirator

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations SDS US (GHS HazCom 2012)

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