

	1. Product and Company	Identification	
Product Code:	0003306		
Product Name:	Formalin 10%		
Company Name:	Alpha-Tec Systems, Inc. 1311 SE Cardinal Ct Suite 170 Vancouver, WA 98683	Phone Number: 1 (360)260-2779	
Web site address:	Alphatecsystems.com		
Email address:	Regulatory@Alphatecsystems.com		
Emergency Contact:	INFOTRAC International	00-1- (352)323-3500	
Information:	North America	1 (800)535-5053	
Intended Use:	For Laboratory Use Only		
Product List	Formalin 10% Product Code Also Applies to: X003320, X003362, 0003110, 0003324, 0003724, 0003102, 0003105, 0003335, 0003362.		
	2. Hazards Identif	ication	
Skin Sensitization, Category Germ Cell Mutagenicity, Cate Carcinogenicity, Category 1E Specific Target Organ Toxici	egory 2		
GHS Signal Word:	Danger		
GHS Hazard Phrases: GHS Precautionary Phrases:	 H225 - Highly flammable liquid and v H302 - Harmful if swallowed. H315 - Causes skin irritation. H317 - May cause an allergic skin re H332 - Harmful if inhaled. H341 - Suspected of causing genetic H350 - May cause cancer . H370 - Causes damage to organs P201 - Obtain special instructions be P202 - Do not handle until all safety. 	action. c defects. fore use.	
	P210 - Keep away from heat/sparks/ P233 - Keep container tightly closed. P260 - Do not breathe dust/fume/gas P264 - Wash hands thoroughly after P270 - Do not eat, drink or smoke wh P271 - Use only outdoors or in a well P272 - Contaminated work clothing s P280 - Wear protective gloves/protect	s/mist/vapors/spray. handling. hen using this product. I-ventilated area. should not be allowed out of the workplace. ctive clothing/eye protection/face protection.	
GHS Response Phrases:	unwell. P302+352 - IF ON SKIN: Wash with	POISON CENTER or doctor/physician if you feel plenty of soap and water. r): Remove/take off immediately all contaminated	
Licensed to Alpha Tec Systems: MIRS	SDS, (c) A V Systems, Inc.	GHS forma	



			Supersedes Revision: 11/30/2018		
GHS Storage and Disposal Phrases: Potential Health Effects (Acute and Chronic): Inhalation:		 clothing. Rinse skin with water/shower. P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P308+311 - If exposed of concerned: Call a POISON CENTER/Doctor/ P313 - Get medical advice/attention. P312 - Call a POISON CENTER or doctor/physician if you feel unwell. P330 - Rinse mouth. P332+313 - If skin irritation occurs, get medical advice/attention. P332+313 - If skin irritation or rash occurs, seek medical advice/attention. P362+364 - Take off contaminated clothing and wash it before reuse. P405 - Store locked up. P501 - Dispose of contents/container to safe area accrding to state and local guidelines. Chronic: Effects may be delayed. Possible risk of harm to the unborn child. 			
		may lead to pulmonary ede depression and asphixiatio	ema. Inhalation at high concentrations may cause CNS on.		
Skin Contac	t:	May cause skin irritation. N	May cause cyanosis of the extremities.		
Eye Contact	:		lay cause chemical conjunctivitis and corneal damage.		
Ingestion:			l irritation with nausea, vomiting and diarrhea. The this substance have not been fully investigated.		
	3	. Composition/Info	rmation on Ingredients		
CAS #	Hazardous Com	ponents (Chemical Name)	Concentration		
50-00-0	Formaldehyde {I aldehyde (gas)}	Formalin (solution); Methyl	0.0 -3.7 %		
67-56-1	Methanol {Methy alcohol}	yl alcohol; Carbinol; Wood	0.0 -1.5 %		
7558-79-4		te, Dibasic {Phosphoric acid, isodium, hydrogen phosphate}	100.0 -1000. PPM		
7558-80-7	Monosodium pho	osphate	100.0 -1000. PPM		
		4. First A	id Measures		
Emergency Procedures:	and First Aid				
In Case of Inhalation:		Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid. Do NOT use mouth-to-mouth resuscitation.			
		Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.			
In Case of Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting lower eyelids.		vater for at least 15 minutes, occasionally lifting the upper and			
		conscious and alert, rinse	buth to an unconscious person. Do NOT induce vomiting. If mouth and drink 2-4 cupfuls of milk or water. Wash mouth out		
Note to Physician:		Treat symptomatically and	supportively.		



5. Fire Fighting Measures Flash Pt: No data. Method Used: Estimate Explosive Limits: LEL: No data. UEL: No data. Autoignition Pt: No data. UEL: No data. Suitable Extinguishing Media: In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam. Use water spray to cool fire-exposed containers. Use agent most appropriate to extinguish fire. Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHAN/IOS (Approved or equivalent), and full protective gear: During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Wi burn if involved in a fire. Use water spray to keep fire-exposed containers cool. Combusible liquid. Vapors may be heavier than air. They can spread along the ground and collect in low or confined areas. Containers may explode when heated. Runoff from fire control or dilution water may cause pollution. Flammable Proporties and No data available. No data available. Hazardous Combustion No data available. Products: 5. Acccidental Release Measures Steps To Be Taken In Case Materia Is Released Or Spills/Leaks: Absorb spill with intert material (e.g. verniculite, sand or earth), then place in suitable container. Avoid runoff into storm severs and ditches which lead to waterway: Clean up spills inmediately, observing precautions in the Protective Equipment section. Remove all sources of ignition. Use a spark-proof tool. Provide ventilation. Proceautions To Be Taken i					·	
Explosive Limits: LEL: No data. UEL: No data. Autoignition Pt: No data. Suitable Extinguishing Media: In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam. Use water spray to cool fire-exposed containers. Use agent most appropriate to extinguish fire. Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSH4/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Wurn if involved in a fire. Use water spray to keep fire-exposed containers cool. Combustible liquid. Vapors may be heavier than air. They can spread along the ground and collect in low or confinence areas. Containers may explode when heated. Runoff fror fire control or dilution water may cause pollution. Flammable Properties and Hazards: No data available. Products: 6. Accidental Release Measures Steps To Be Taken In Case Material Is Released Or Spills/Leaks: Absorb spill with inert material (e.g. verniculite, sand or earth), then plac in suitable container. Avoid runoff into storm severs and diches which lead to waterways. Clean up spills immediately, observing precutions in the Protective Equipment section. Remove all sources of ignition. Use a spark-proof tool. Provide ventilation. Precautions To Be Taken In Mash Horoughly after handling. Use only in a well-ventilated area. Use with adequate ventilation. Avoid contact with skin and eyes. Empty containers to heat, sparks or open flames. Precautions To Be Taken In Handling: Washt thoroughly after handling. Use only in a well-ventil			5. Fir	e Fighting Meas	ures	
Autoginition Pt: No data. Suitable Extinguishing Media: In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam. Use water spray to cool fire-exposed containers. Use agent most appropriate to extinguish fire. Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NICSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Wi burn fire/or combustion may be heavier than air. They can spread along the ground and collect in low or confined areas. Containers may explode when heated. Runoff for fire control or dilution water may cause pollution. Flammable Properties and Hazards: No data available. Products: C. Acctidental Release Measures Steps To Be Taken In Case Material is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8. SpillsLeaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then plac in suitable container. Avoid runoff into storm severs and diches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Remove all sources of ignition. Use a spark-proof tool. Provide ventilation. Precautions To Be Taken In Math intorrolphy after handling. Use only in a well-ventilated area. Use with adequate ventilation. Wash thoroughly after handling. Use only in a well-ventilated area. Use with adequate ventilation. Precautions To Be Taken In Storing. Wash thoroughly after han	Flash Pt:		No data. Method	Used: Estimate		
Suitable Extinguishing Media: In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam. Use water spray to cool fire-exposed containers. Use agent most appropriate to extinguish fire. Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Wo burn if involved in a fire. Use water spray to keep fire-exposed containers cool. Combustible liquid. Vapors may be heavier than air. They can spread along the ground and collect in low or confined areas. Containers may explode when heated. Runoff for fire control or dilution water may cause pollution. Flammable Properties and Hazards: No data available. Hazardous Combustion No data available. Products: 6. Accidental Release Measures Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Absorb spill with inert material (e.g. verniculite, sand or earth), then plac in suitable container. Avoid runoff into storm sewers and diches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Remove all sources of ignition. Use a spark-proof tool. Provide ventilation. Precautions To Be Taken In Wash thoroughly after handling. Use only in a well-ventilated area. Use with adequate ventilation. Avoid breathing dust, mist, or vapor. Avoid contact with eyes, skin, and clothing. Avoid contact with skin and eyes. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container is theat, sparks or open fames.<!--</th--><th>Explosive Li</th><th>mits:</th><th colspan="3">LEL: No data. UEL: No data.</th>	Explosive Li	mits:	LEL: No data. UEL: No data.			
Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Wi burn if involved in a fire. Use water spray to keep fire-exposed containers cool. Combustible liquid. Vapors may be heavier than air. They can spread along the ground and collect in low or confined areas. Containers may explode when heated. Runoff for fire control or dilution water may cause pollution. Fianmable Properties and Hazards: No data available. Hazards: No data available. Products: C. Accidental Release Measures Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8. Spilled: Spills/Lease. Abcors bajlls immediately, observing precautions in the Protective Equipment section. Remove all sources of ignition. Use a spark-proof tool. Provide ventilation. Precautions To Be Taken In Handling: Wash thoroughly after handling. Use only in a well-ventilated area. Use with adequate ventilation. Avoid breathing dust, mist, or vapor. Avoid contact with eyes, skin, and clothing. Avoid contact with skin and eyes. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep containers to heat, sparks or open fames. Precautions To Be Taken In Koep away from heat, sparks and fiame. Aveid negation and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container ti	Autoignition	Autoignition Pt: No data.				
MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Wi burn if involved in a fire. Use water spray to keep fire-exposed containers cool. Combustible liquid. Vapors may be heavier than air. They can spread along the ground and collect in low or confined areas. Containers may explode when heated. Runoff fror fire control or dilution water may cause pollution. Flammable Properties and Hazardos: No data available. Hazardos: No data available. Hazardos: No data available. Products: C. Accidental Release Measures Steps To Be Taken In Case Material Is Released Or Spills/Leaks: Absorb spill with inert material (e.g. vermicultie, sand or earth), then plac in suitable container. Avoid runof into storm severs and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Remove all sources of ignition. Use a spark-proof tool. Provide ventilation. Precautions To Be Taken in Handling: Wash thoroughly after handling. Use only in a well-ventilated area. Use with adequate ventilation. Avoid breathing dust, mist, or vapor. Avoid container thyty closed. Keep away from sources of ignition. Store in tightly closed container. Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open fames. Precautions To Be Taken in Keep away from heat, sparks and flame. Keep away from sources of ignition. Store in tightly closed. Company for heat, sparks and flame. Keep away from sources of ignition. Store in tightly closed container. Store in a cool,	Suitable Exti	nguishing Media	water spray to cool fire-exposed containers. Use agent most appropriate to extinguish			
Hazards: No data available. Products: 6. Accidental Release Measures Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Remove all sources of ignition. Use a spark-proof tool. Provide ventilation. Precautions To Be Taken In Handling: Wash thoroughly after handling. Use only in a well-ventilated area. Use with adequate ventilation. Avoid contact with skin and eyes. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Keep away from heat, sparks and flame. Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Precautions To Be Taken In Storing: Keep away from heat, sparks and flame. Keep away from sources of ignition. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatib substances. Store protected from moisture. Storing: 8. Exposure Controls/Personal Protection CAS # Partial Chemical Name OSHA TWA ACGIH TWA Other Limits on data. 50-00-0 Formaldehyde (gasi) STEL: 200 ppm TLY: 200 ppm No data. 67-56-1 Methanol (Methyl alcohol; Carbinol; Wood alcohol} </th <th colspan="4">MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, and highly toxic gases may be generated by thermal decomposition or combu burn if involved in a fire. Use water spray to keep fire-exposed containers cool Combustible liquid. Vapors may be heavier than air. They can spread along th and collect in low or confined areas. Containers may explode when heated. R</th> <th>During a fire, irritating on or combustion. Will Itainers cool. ead along the ground</th>	MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, and highly toxic gases may be generated by thermal decomposition or combu burn if involved in a fire. Use water spray to keep fire-exposed containers cool Combustible liquid. Vapors may be heavier than air. They can spread along th and collect in low or confined areas. Containers may explode when heated. R				During a fire, irritating on or combustion. Will Itainers cool. ead along the ground	
Hazardous Combustion Products: No data available. Products: 6. Accidental Release Measures Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then plac in suitable container. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Remove all sources of ignition. Use a spark-proof tool. Provide ventilation. Precautions To Be Taken in Handling: Wash thoroughly after handling. Use only in a well-ventilated area. Use with adequate ventilation. Avoid breathing dust, mist, or vapor. Avoid contact with eyes, skin, and clothing. Avoid contact with skin and eyes. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Keep away from heat, sparks and flame. Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Precautions To Be Taken in Storing: Keep away from heat, sparks and flame. Keep away from sources of ignition. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatib substances. Store protected from moisture. Source Set Suppose (Formalin (solution); Methyl aldehyde (gas)) PEL: 075 ppm STEL: 2 ppm (15 min) Cell: 0.3 ppm No data. No data. Sodum phosphate, Dibasic Wood alcoholj No data. No data. No data. No data.						
Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Absorb spill with inert material (e.g. verniculite, sand or earth), then place in suitable container. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Remove all sources of ignition. Use a spark-proof tool. Provide ventilation. Precautions To Be Taken in Handling: Wash thoroughly after handling. Use only in a well-ventilated area. Use with adequate ventilation. Avoid breathing dust, mist, or vapor. Avoid contact with eyes, skin, and clothing. Avoid contact with skin and eyes. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Keep away from heat, sparks and flame. Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Precautions To Be Taken in Storing: Keep away from heat, sparks and flame. Keep away from sources of ignition. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatib substances. Store protected from moisture. S0-00-0 Formaldehyde (Formalin (solution); Methyl aldehyde (gas)) PEL: 0.75 ppm STEL: 2 ppm (15 min) CEL: 0.3 ppm No data. 67-56-1 Methanol (Methyl alcohol; Carbinol; Wood alcohol} PEL: 00 ppm STEL: 2 ppm (15 min) No data. No data. 7558-79-4 Sodium phosphate, Dibasic (Phosphoric acid, disodium salt; Disodium, hydrogen phosphate}) No data. No data.	Hazardous Combustion No data available.					
Material Is Released Or Spilled: Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then plac in suitable container. Avoid runoff into storm severs and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Remove all sources of ignition. Use a spark-proof tool. Provide ventilation. Precautions To Be Taken in Handling: Wash thoroughly after handling. Use only in a well-ventilated area. Use with adequate ventilation. Avoid breathing dust, mist, or vapor. Avoid contact with eyes, skin, and clothing. Avoid contact with skin and eyes. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Keep away from heat, sparks and flame. Avoid ingestion and inhalation. D on to pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Precautions To Be Taken in Storing: Keep away from heat, sparks and flame. Keep away from sources of ignition. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatib substances. Store protected from moisture. Stering:			6. Accide	ental Release Me	asures	
Precautions To Be Taken in Handling: Wash thoroughly after handling. Use only in a well-ventilated area. Use with adequate ventilation. Avoid breathing dust, mist, or vapor. Avoid contact with eyes, skin, and clothing. Avoid contact with skin and eyes. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Keep away from heat, sparks and flame. Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Precautions To Be Taken in Storing: Keep away from heat, sparks and flame. Keep away from sources of ignition. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatib substances. Store protected from moisture. 2 8 . Exposure Controls/Personal Protection CAS # Partial Chemical Name OSHA TWA ACGIH TWA Other Limits 50-00-0 Formaldehyde (Formalin (solution)); Methyl aldehyde (gas)} PEL: 0.75 ppm STEL: 2 ppm (15 min) CEIL: 0.3 ppm No data. No data. 67-56-1 Methanol {Methyl alcohol; Carbinol; Wood alcohol} PEL: 200 ppm TLV: 200 ppm No data. No data. 7558-79-4 Sodium phosphate, Dibasic (Phosphoric acid, disodium salt; Disodium, hydrogen phosphate) No data. No data. No data.	Material Is Released Or Spilled:Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), the in suitable container. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Remove all sources of ignition. Use a spark-proof tool. Prov			vhich lead to the Protective		
Precautions To Be Taken in Handling: Wash thoroughly after handling. Use only in a well-ventilated area. Use with adequate ventilation. Avoid breathing dust, mist, or vapor. Avoid contact with eyes, skin, and clothing. Avoid contact with skin and eyes. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Keep away from heat, sparks and flame. Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Precautions To Be Taken in Storing: Keep away from heat, sparks and flame. Keep away from sources of ignition. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatib substances. Store protected from moisture. 2 8 . Exposure Controls/Personal Protection CAS # Partial Chemical Name OSHA TWA ACGIH TWA Other Limits 50-00-0 Formaldehyde (Formalin (solution)); Methyl aldehyde (gas)} PEL: 0.75 ppm STEL: 2 ppm (15 min) CEIL: 0.3 ppm No data. No data. 67-56-1 Methanol {Methyl alcohol; Carbinol; Wood alcohol} PEL: 200 ppm TLV: 200 ppm No data. No data. 7558-79-4 Sodium phosphate, Dibasic (Phosphoric acid, disodium salt; Disodium, hydrogen phosphate) No data. No data. No data.			7. Ha	andling and Stor	age	
Storing: tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store protected from moisture. 8. Exposure Controls/Personal Protection CAS # Partial Chemical Name OSHA TWA ACGIH TWA Other Limits 50-00-0 Formaldehyde {Formalin (solution); Methyl aldehyde (gas)} PEL: 0.75 ppm CEIL: 0.3 ppm No data. 67-56-1 Methanol {Methyl alcohol; Carbinol; Wood alcohol} PEL: 200 ppm TLV: 200 ppm No data. 7558-79-4 Sodium phosphate, Dibasic {Phosphoric acid, disodium salt; Disodium, hydrogen phosphate}} No data. No data. No data.	Precautions To Be Taken in Handling: Wash thoroughly after handling. Use only in a well-ventilated area. Use with adequate ventilation. Avoid breathing dust, mist, or vapor. Avoid contact with eyes, skin, and clothing. Avoid contact with skin and eyes. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Keep awa from heat, sparks and flame. Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open				n eyes, skin, and n product residue, y closed. Keep away ot pressurize, cut,	
CAS #Partial Chemical NameOSHA TWAACGIH TWAOther Limits50-00-0Formaldehyde {Formalin (solution); Methyl aldehyde (gas)}PEL: 0.75 ppm STEL: 2 ppm (15 min)CEIL: 0.3 ppmNo data.67-56-1Methanol {Methyl alcohol; Carbinol; Wood alcohol}PEL: 200 ppmTLV: 200 ppm STEL: 250 ppmNo data.7558-79-4Sodium phosphate, Dibasic {Phosphoric acid, disodium salt; Disodium, hydrogen phosphate}No data.No data.No data.	Precautions To Be Taken in Storing:Keep away from heat, sparks and flame. Keep away from sources of ignition. Store in a cool, dry, well-ventilated area away from incompatiStoring:tightly closed container. Store in a cool, dry, well-ventilated area away from incompati					•
50-00-0Formaldehyde {Formalin (solution); Methyl aldehyde (gas)}PEL: 0.75 ppm STEL: 2 ppm (15 min)CEIL: 0.3 ppmNo data.67-56-1Methanol {Methyl alcohol; Carbinol; Wood alcohol}PEL: 200 ppmTLV: 200 ppm STEL: 250 ppmNo data.7558-79-4Sodium phosphate, Dibasic {Phosphoric acid, disodium salt; Disodium, hydrogen phosphate}No data.No data.No data.		8	. Exposure C	controls/Persona	al Protection	
Methyl aldehyde (gas)} STEL: 2 ppm (15 min) 67-56-1 Methanol {Methyl alcohol; Carbinol; Wood alcohol} PEL: 200 ppm TLV: 200 ppm No data. 7558-79-4 Sodium phosphate, Dibasic No data. No data. No data. No data. 7558-79-4 Sodium phosphate, Dibasic No data. No data. No data. No data. Image: Disodium, hydrogen phosphate} Image: Disodium solit; Disodium, hydrogen phosphate} Image: Disodium solit; Disodium, hydrogen phosphate} Image: Disodium solit; Disodium solit; Disodium, hydrogen phosphate} Image: Disodium solit; Disodium solit; Disodium, hydrogen phosphate} Image: Disodium solit; Disodium solit; Disodium solit; Disodium solit; Disodium solit; Disodium, hydrogen phosphate} Image: Disodium solit; Disodium solit	CAS #	Partial Chemical	Name	OSHA TWA	ACGIH TWA	Other Limits
67-56-1 Methanol {Methyl alcohol; Carbinol; PEL: 200 ppm TLV: 200 ppm No data. Wood alcohol} STEL: 250 ppm No data. 7558-79-4 Sodium phosphate, Dibasic No data. No data. {Phosphoric acid, disodium salt; Disodium, hydrogen phosphate} No data. No data. No data.	50-00-0				CEIL: 0.3 ppm	No data.
{Phosphoric acid, disodium salt; Disodium, hydrogen phosphate}	67-56-1	Methanol {Methy		PEL: 200 ppm		No data.
7558-80-7 Monosodium phosphate No data. No data. No data. No data.	7558-79-4	{Phosphoric acid,	disodium salt;	No data.	No data.	No data.
	7558-80-7	Monosodium pho	sphate	No data.	No data.	No data.



	Supersedes Revision: 11/30/2018			
Respiratory Equipment (Specify Type):	Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.			
Eye Protection:	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.			
Protective Gloves:	Wear appropriate protective gloves to prevent skin exposure.			
Other Protective Clothing:	Wear appropriate protective clothing to prevent skin exposure.			
Engineering Controls	Facilities storing or utilizing this material should be equipped with an eyewash facility and			
(Ventilation etc.):	a safety shower. Use adequate ventilation to keep airborne concentrations low.			
	9. Physical and Chemical Properties			
Physical States:	[]Gas [X]Liquid []Solid			
Appearance and Odor:	Colorless/Clear.			
	formaldehyde.			
pH:	No data.			
Melting Point:	No data.			
Boiling Point:	No data.			
Flash Pt:	No data. Method Used: Estimate			
Evaporation Rate:	No data.			
Flammability (solid, gas):	No data available.			
Explosive Limits:	LEL: No data. UEL: No data.			
Vapor Pressure (vs. Air or mm Hg):	No data.			
Vapor Density (vs. Air = 1):	No data.			
Specific Gravity (Water = 1):	No data.			
Solubility in Water:	No data.			
Saturated Vapor Concentration:	No data.			
Octanol/Water Partition Coefficient:	No data.			
Autoignition Pt:	No data.			
Decomposition Temperature:	No data.			
Viscosity:	No data.			
Information with regard to primary physical hazard:				



SAFETY DATA SHEET

Formalin 10%

	10. Stability and Reactivity			
Stability:	Unstable [] Stable [X]			
Conditions To Avoid - Instability:	Incompatible materials, ignition sources, Excess heat.			
Incompatibility - Materials To Avoid:	Moisture.			
Hazardous Decomposition o Byproducts:	r Nitrogen oxides, Carbon monoxide.			
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]			
Conditions To Avoid - Hazardous Reactions:	No data available.			
	11. Toxicological Information			
Toxicological Information:	Epidemiology: No information found. Teratogenicity: No information available. Reproductive Effects: Mutagenicity: Neurotoxicity:			
Carcinogenicity/Other Information:	CAS# 51219-89-7: Not listed by ACGIH, IARC, NTP, or CA Prop 65.			
Carcinogenicity:	NTP? No IARC Monographs? No OSHA Regulated? No			
	12. Ecological Information			
	No data available.			
	13. Disposal Considerations			
Waste Disposal Method:	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. RCRA P-Series: None listed. RCRA U-Series: None listed.			
	14. Transport Information			
GHS Classification:	Flammable Liquids, Category 2 - Danger! Highly flammable liquid and vapor Acute Toxicity: Inhalation, Category 4 - Warning! Harmful if inhaled Acute Toxicity: Oral, Category 4 - Warning! Harmful if swallowed Skin Corrosion/Irritation, Category 2 - Warning! Causes skin irritation Skin Sensitization, Category 1 - Warning! May cause an allergic skin reaction Germ Cell Mutagenicity, Category 2 - Warning! Suspected of causing genetic defects Carcinogenicity, Category 1B - Danger! May cause cancer Specific Target Organ Toxicity (single exposure), Category 1 - Danger! Causes damage to organs { <target organs="">}</target>			
LAND TRANSPORT (US DOT):			
DOT Proper Shipping Nan DOT Hazard Class: UN/NA Number: LAND TRANSPORT (Canadia				
TDG Shipping Name:	Not Regulated.			
UN Number:	. tot i togulatou.			
Hazard Class:	TDG Classification:			
Licensed to Alpha Tec Systems: MIR	S SDS, (c) A V Systems, Inc. GHS	S format		



Page: 6 of 6 Printed: 01/18/2023 Revision: 02/01/2023 Supersedes Revision: 11/30/2018

				Supe	ersedes Revision: 11/30/2018	
ADR/RID	SPORT (Europea Shipping Name:	an ADR/RID): Not Regulated.				
UN Numb Hazard Cl	ass:					
	PORT (ICAO/IATA	•				
	A Shipping Name	: Not Regulated.	Packing G	roup		
	UN Number: Packing Group: Hazard Class:					
		15. Regulator	ry Informatio	on		
EPA SARA (S	uperfund Amendm	ents and Reauthorization Act	of 1986) Lists			
CAS #	Hazardous Com	ponents (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)	
50-00-0	Formaldehyde {I aldehyde (gas)}	Formalin (solution); Methyl	Yes 500 LB	Yes NA	Yes	
67-56-1	Methanol {Methy alcohol}	l alcohol; Carbinol; Wood	No	Yes NA	Yes	
7558-79-4		te, Dibasic {Phosphoric acid, sodium, hydrogen phosphate}	No	Yes NA	No	
7558-80-7	Monosodium pho	sphate	No	No	No	
CAS #	Hazardous Components (Chemical Name)		Other US EPA or State Lists			
50-00-0	Formaldehyde {Formalin (solution); Methyl aldehyde (gas)}		CA PROP.65: Yes: Canc.; MA Oil/HazMat: Yes; NJ EHS: Yes - 0946; PA HSL: Yes - B			
67-56-1				A PROP.65: Yes: RDTox.; MA Oil/HazMat: Yes; NJ EHS: es - 1222; PA HSL: Yes - E		
7558-79-4		te, Dibasic {Phosphoric acid, sodium, hydrogen phosphate}	CA PROP.65: No; MA Oil/HazMat: Yes; NJ EHS: No; PA HSL: Yes - E			
7558-80-7	58-80-7 Monosodium phosphate			CA PROP.65: No; MA Oil/HazMat: No; NJ EHS: No; PA HSL: No		
		46 Other I	nformation			
			nformation		44/00/0040	
Revision Dat Preparer Nai		02/01/2023 Tim Meehan	Previous r	evision:	11/30/2018	
Additional In This Product		: No data available.				
Document & Number	Change Control	SDS0136.E.				
Company Policy or Disclaimer Disclaimer: The information provided in this Safety Data Sheet is correct to the best of knowledge, information and belief at the date of its publication. The information given is designed only as a guida handling, use, processing, storage, transportation, disposal and release considered a warranty or quality specification. The information relates or material designated and may not be valid for such material used in comb other materials or in any process, unless specified in the text.			s a guidance for safe I release and is not to be relates only to the specific			