

			Supersedes Revision. 12/26/2016
	1. Product and Co	ompany Iden	tification
Product Code: Product Name: Company Name:	0003358 Triton X-100 Alpha-Tec Systems, Inc. 1311 SE Cardinal Ct Suite Vancouver, WA 98683	e 170	<b>Phone Number:</b> 1 (360)260-2779
Web site address: Email address: Emergency Contact: Information:	Alphatecsystems.com Regulatory@Alphatecsyst INFOTRAC International North America	ems.com	00-1- (352)323-3500 1 (800)535-5053
Intended Use: Product List	For Laboratory Use Only Triton X-100 20%, Produc	t Codes: X000401,	0004043, 0004045, 0004060.
	2. Hazards	dentificatio	on
GHS Signal Word: GHS Hazard Phrases: GHS Precaution Phrases GHS Response Phrases GHS Storage and Dispos Phrases:	No phrases apply.	No phrases apply. No phrases apply. No phrases apply.	
Phrases: Potential Health Effects (Acute and Chronic):	Repeated exposure may c Chronic: May cause kidne		dermatitis.
Inhalation: Skin Contact:	May be harmful if inhaled. May cause skin irritation. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material. May be harmful if absorbed throu the skin. Causes mild skin irritation.		-
Eye Contact: Ingestion:	Causes severe eye irritatio May cause gastrointestina	Causes severe eye irritation. Causes redness and pain. Risk of serious damage to eyes May cause gastrointestinal irritation with nausea, vomiting and diarrhea. May be harmful swallowed. May cause irritation of the digestive tract.	
	3. Composition/Info	ormation on I	ngredients
	Components (Chemical Name) ypolyethoxyethanol	<b>Concentration</b> 10.0 -20.0 %	<b>RTECS #</b> YM0616666

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Emergency and First Aid			sures	
Propoduroci				
Procedures:				
n Case of Inhalation:	oxygen. Get medica resuscitation if victin	l aid if cough or o n ingested or inh	other symptoms appear. I	breathing is difficult, give Do not use mouth-to-mouth ce artificial respiration with her proper respiratory
n Case of Skin Contact:		•	least 15 minutes while re if irritation develops or pe	•
n Case of Eye Contact:	•	•	least 15 minutes, occasi diately. Get medical aid.	onally lifting the upper and
n Case of Ingestion:	Call a poison contro	I center. Get me	dical aid if irritation or sym	nptoms occur.
Note to Physician:	Treat symptomatica	lly and supportive	ely.	
	5. Fire	<b>Fighting M</b>	easures	
Flash Pt:	229.00 C (444.2 F)	Method Used:	Estimate	
Explosive Limits:	LEL: No data.		UEL: No data.	
Autoignition Pt:	NA			
Suitable Extinguishing Media:	Water or foam may	cause frothing. L	Jse foam, dry chemical, o	r carbon dioxide.
- - lammable Properties and	concentrations can	form explosive m	nt), and full protective ge ixtures with air. During a ermal decomposition or co	fire, irritating and highly
lazards:				
Hazardous Combustion Products:	No data available.			
	6. Accider	ntal Release	e Measures	
Steps To Be Taken In Case Material Is Released Or Spilled:	Spills/Leaks: Absor suitable container. I	b spill with inert r Provide ventilatio environment. Va	n. Do not expose spill to cuum or sweep up materi	sand or earth), then place ir
	7. Hai	ndling and	Storage	
Precautions To Be Taken in Handling: Precautions To Be Taken in Storing:	ventilation. Minimize	e dust generation	thing. Do not ingest or inh and accumulation. re in direct sunlight. Keep	
8.	Exposure Co	ontrols/Pers	sonal Protection	
	Namo	OSHA TWA	ACGIH TWA	Other Limits
CAS # Partial Chemical	Name			Other Linits



	Supersedes Revision: 12/28/2016		
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. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2		
	requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.		
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.		
	Odorless.		
pH:	No data.		
Melting Point:	6.00 C (42.8 F) - 61.00 C (141.8 F)		
Boiling Point:	200.00 C (392.0 F)		
Flash Pt:	229.00 C (444.2 F) 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):	1.013		
Solubility in Water:	No data.		
Octanol/Water Partition Coefficient:	No data.		
Autoignition Pt:	NA		
Decomposition Temperature:	No data.		
Viscosity:	No data.		
	10. Stability and Reactivity		
Stability:	Unstable [ ] Stable [ X ]		
Conditions To Avoid - Instability:	High temperatures, Incompatible materials, Light, Exposure to air, dust generation.		
Incompatibility - Materials To Avoid:	Strong reducing agents, Strong acids, Strong oxidizing agents.		
Hazardous Decomposition or Byproducts:	Carbon monoxide.		
Possibility of Hazardous Reactions:	Will occur [ ] Will not occur [ X ]		
Conditions To Avoid - Hazardous Reactions:	No data available.		



# SAFETY DATA SHEET

Triton X-100

Page: 4 of 5 Printed: 11/08/2018 Revision: 11/08/2018 Supersedes Revision: 12/28/2016

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	11. Toxicolog	ical Inforn	nation	
Toxicological Information:	Epidemiology: No informat Teratogenicity: No informa Neurotoxicity: No informati Other Studies:	tion available. R	eproductive Effects: N	Autagenicity:
Carcinogenicity/Other Information:	CAS# 9002-93-1: Not lister Not listed by ACGIH, IARC	•		65. CAS# 25322-68-3:
	12. Ecologio	cal Informa	tion	
General Ecological Information:	Environmental: No informa Physical: No information a No information found. Physical: No information fo	vailable.		
	13. Disposal	Considera	tions	
Waste Disposal Method:	Chemical waste generators a hazardous waste. US EF CFR Parts 261. Additionall waste regulations to ensur RCRA P-Series: None liste RCRA U-Series: None liste	PA guidelines for y, waste genera e complete and ed.	r the classification detention detention detention the state to the st	ermination are listed in 40 e and local hazardous
	14. Transpo	ort Informa	tion	
GHS Classification:	No GHS classifications ap	ply.		
LAND TRANSPORT (US DOT	Γ):			
DOT Proper Shipping Na DOT Hazard Class: UN/NA Number: LAND TRANSPORT (Canadia	me: Not regulated as a haz	ardous material		
TDG Shipping Name: UN Number:	Not regulated as a haza	ardous material.		
Hazard Class:		TDG C	lassification:	
LAND TRANSPORT (Europe	an ADR/RID):			
ADR/RID Shipping Name UN Number: Hazard Class:	: Not regulated as a haz	ardous material		
AIR TRANSPORT (ICAO/IAT	•			
ICAO/IATA Shipping Nam	_			
	15. Regulato		ation	
EPA SARA (Superfund Amendr CAS # Hazardous Con		-	s) S. 304 RQ	C 212 /TDI
9002-93-1 Octylphenoxypo	nponents (Chemical Name) lyethoxyethanol	<b>S. 302 (EHS</b> No	No	<b>S. 313 (TRI)</b> No
This material meets the EPA[] Yes[X] NoExplosive[] Yes[X] NoFlammable (gases, a)[] Yes[X] NoOxidizer (liquid, solid)[] Yes[X] NoSelf-reactive[] Yes[X] NoPyrophoric (liquid or[] Yes[X] NoPyrophoric gas[] Yes[X] NoSelf-heating	aerosols, liquid, or solid) d or gas)		Acute toxicity (any route o Skin Corrosion or Irritation	f exposure) n ve irritation



Page: 5 of 5

Printed: 11/08/2018 Revision: 11/08/2018

Supersedes Revision: 12/28/2016 [] Yes [X] No Organic peroxide [] Yes [X] No Specific target organ toxicity (single or repeated exposure)] [] Yes [X] No Corrosive to metal [] Yes [X] No Aspiration Hazard [] Yes [X] No Gas under pressure (compressed gas) [] Yes [X] No Simple Asphyxiant [] Yes [X] No (Health) Hazard Not Otherwise Classified (HNOC) [] Yes [X] No In contact with water emits flammable gas [] Yes [X] No Combustible Dust [] Yes [X] No (Physical) Hazard Not Otherwise Classified (HNOC) Other US EPA or State Lists CAS# Hazardous Components (Chemical Name) 9002-93-1 Octylphenoxypolyethoxyethanol CA PROP.65: No; MA Oil/HazMat: No; NJ EHS: No; PA HSL: No

16.	Other Information

Revision Date: Preparer Name: 11/08/2018 Tim Meehan

Additional Information About No data available.

This Product:

Document & Change Control SDS0196.D CC18-319.

Number

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