EDVOTEK.
The second of the last

## Material Safety Data Sheet

EDVOTEK.	Standard, 29	CFR 19	oly with OSHA's Hazar 110.1200 Standard mu pecific requirements.		
IDENTITY (As Used on Label and List) Agarose	l		Note: Blank spaces are applicable, or no inform be marked to indicate to	nation is available.	any item is not the space must
Section I					****
Manufacturer's Name		Emer	gency Telephone Nu	mber (204)	251-5990
EDVOTEK, inc.					:01-099U
Address (Number, Street, City, State,	Zip Code)		none Number for inform		51-5990
14676 Rothgeb Drive Rockville, MD 20850			Prepared 07/01/0	_	
NOCKVINE, MID 20030		Signat	ure of Preparer (option	al)	<del>*************************************</del>
Section II - Hazardous Ingred	lients/iden	tify In	formation	·	<del></del>
Hazardous Components [Specific Chemical Identity; Common Name(s)]			0	ther Limits commended	% (Optional)
This product contains no hazardous Standard	materials as de	fined b	v the OSHA Hazard	Communicatio	0
CAS #9012-36-6					
Section III - Physical/Chemic	al Charact	eristic	cs		
Boiling Point For 1% solution	194° F	T	cific Gravity (H <sub>2</sub> 0 = 1)	)	No data
Vapor Pressure (mm Hg.)	No data	Meit	ing Point		No data
Vapor Density (AIR = 1)	No data		ooration Rate yl Acetate = 1)		No data
Solubility in Water Insoluble - cold					·
Appearance and Odor White p	owder, no odo	1.			
Section IV - Physical/Chemic	al Charact	eristic	S N D. = No dat	ta	***************************************
Flash Point (Method Used) No data		Flam	nable Limits	LEL N.D.	UEL N.D.
Extinguishing Media Water spray, dry	y chemical, car	rbon da	oxide, halon or stand	ard foam	
Special Fire Fighting Procedures Possible fire haz	zard when exp	osed to	heat or flame		
Unusual Fire and Explosion Hazards	None				

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Section V - Re	activity Data			
Stability	Unstable	T	Conditions to Avoid	
,	Stable	X	None	
Incompatibility	No data available	1	reac	
Hazardous Decompo	sition or Byproducts		·	
Hazardous	May Occur	T	Conditions to Avoid	
Polymerization	Will Not Occur	x	None	
Section VI - H	ealth Hazard Data		None	
Route(s) of Entry:	Inhalati	on? Ye	s Skin? Yes	Ingestion? Yes
Health Hazards (Ad				
	halation: No data availa		Ingestion: Large amounts	
Carcinogenicity:	NTP?		IARC Monographs?	OSHA Regulation?
Signs and Symptor	ns of Exposure No dat	a availal	ple	
Medical Conditions	Generally Aggravated b	y Expos	ure No data available	
Emergency First A	id Procedurine		The title dynamic	
emorgandy i list A	Treat sy	mptoma	tically and supportively	
	recautions for Safe			
Steps to be Taken i	n case Material is Releas	ed for S	ipilled	
	Sweep up and	place in	suitable container for disposa	ai
Waste Disposal Me	thod			
	Normal solid	vaste dis	sposal	•
Precautions to be T	aken in Handling and Sto	ring		
	None			
Other Precautions		*************		
	None			
Section VIII - C	ontrol Measures			
Respiratory Protect	ion (Specify Type) Ch	emical c	artridge respirator with full fa	scepiece.
Ventilation	Local Exhaust		Special	
	Mechanical (Ge	neral)Ge	n. dilution ventilation Other	
Protective Gloves	Yes		Eye Protection S	plash proof goggles
Other Protective Clo	thing or Equipment	npervio	us clothing to prevent skin co	ntact
Work/Hygienic Prac				
romany granic r rac		lone		



Material Safety Data Sheet
May be used to comply with OSHA's Hazard Communication
Standard, 29 CFR 1910,1200 Standard must be consulted for

Complete	specific requirements,				
IDENTITY (As Used on Label and List) 50x Electrophoresis			Note: Blank space applicable, or no in be marked to indice	es are not permitted. nformation is available cale that.	If any item is not the space must
Section I					
Manufacturer's Name		Erner	gency Telephone	e Number	054 5000
EDVOTEK, Inc.		ļ.,			251-5990
Address (Number, Street, City, State,	Zip Code)	lélepr	none Number for l		251-5990
14676 Rothgeb Drive		Date F	Prepared	07/01/0	13
Rockville, MD 20850		Signa:	ture of Preparer (o	ptional)	part 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Section II - Hazardous Ingred		tify in	formation		
Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA	PEL	ACGIH TLV	Other Limits Recommended	% (Optional)
This product contains no hazardo Communication Standard.	ous materials a		ed by the OSHA		
Section III - Physical/Chemic	al Charact	eristic	2S		
Boiling Point	No data	Spec	cific Gravity (H <sub>2</sub> 0	= 1)	No data
Vapor Pressure (mm Hg.)	No data		ing Point		No data
Vapor Density (AIR = 1)	No data		poration Rate yl Acetate = 1)		No data
Solubility in Water Appreciable, (	greater than 10	V%)			
Appearance and Odor Clear, liquid, s	light vinegar c	xtor			
Section IV - Physical/Chemic	al Charact	eristic	cs N.D.	= No data	
Flash Point (Method Used) No do	ata	Flam	mable Limits	LEL N.D.	UEL N.D.
Extinguishing Media U	se extinguishi	ng med	ia appropriate fo	or surrounding fire	
oţ	ear protective perated in posi	equipa	nent and SCBA v ssure mode.	with full facepiece	
Unusual Fire and Explosion Hazards					
N	one identified				

Stable X None  Incompatibility Strong oxidizing agents  Hazardous Decomposition or Byproducts Carbon monoxide, Carbon dioxide  Hazardous Polymerization May Occur Conditions to Avoid None  Section VI - Health Hazard Data  Route(s) of Entry: Inhalation? Yes Skin? Yes Ingestion?  Health Hazards (Acute and Chronic) None	Stability	Unstable		Conditions to Avoid	1	
Hazardous Decomposition or Byproducts Carbon monoxide, Carbon dioxide  Hazardous Polymertzation  May Occur X Conditions to Avoid None  Section VI - Health Hazard Data  Route(s) of Entry: Inhalation? Yes Skin? Yes Ingestion?  Health Hazards (Acute and Chronic) None  Darcinogenicity: None identified NTP? IARC Monographs? OSHA Regulation  Signs and Symptoms of Exposure Irritation to apper respiratory tract, skin, eyes  Medical Conditions Generally Aggravated by Exposure None  Emergency First Aid Procedures Ingestion: If conscious, give large amounts of water  Eyes: Flush with water Inhalation: Move to fresti air Skin: Wash with soap and water  Section VII - Precautions for Safe Handling and Use  Repetition of Safe Handling August Presettion of Safe Handling August Presettion of Safe Handling August Press  Repetition of Safe Handling August Press  Repeti	•	Stable	X			
Hazardous Polymerization May Occur   Conditions to Avoid Polymerization May Occur   X None  Section VI - Health Hazard Data Route(s) of Entry: Inhalation? Yes Skin? Yes Ingaştien?  Health Hazards (Acute and Chronic) Porce   Inhalation? Yes   Inhalation? Yes   Ingaştien?  Health Hazards (Acute and Chronic) Porce   Inhalation: None   Inhalation: None   Inhalation: None   Inhalation: None   Inhalation: Inhalation: Inhalation: Inhalation: Inhalation: Inhalation: Move to fresh air Skin: Wash with soap and water  Here to be Taken in case Material is Released for Spilled   Wear suitable protective clothing. Mop up and rinse with water, or collect in absorptive material and dispose of the absorptive material environmental regulations.  Pother Precautions  None   None	ncompatibility.	Strong oxidiz	zing ager	nts		
Polymerization  Will Not Occur X None  Section VI - Health Hazard Data  Route(s) of Entry: Inhalation? Yes Skin? Yes Ingestion?  dealth Hazards (Acute and Chronic)  Carcinogenicity: None identified NTP? IARC Monographs? OSHA Regulation  Signs and Symptoms of Exposure Inritation to upper respiratory tract, skin, eyes  Medical Conditions Generally Aggravated by Exposure None  Emergency First Aid Procedures Ingestion: If conscious, give large amounts of water  Eyes: Flush with water Inhalation: Move to frest air Skin: Wash with soap and water  Section VII - Precautions for Safe Handling and Use  Reps to be Taken in case Material is Released for Spilled Wear suitable protective clothing. Mop up and rinse with water, or collect in absorptive material and dispose of the absorptive material and rinse with water, or collect in absorptive material and dispose of the absorptive material and rinse with all applicable federal, state, and local environmental regulations.  Precautions to be Taken in Handling and Storing  Avoid eye and skin contact.  Signs of the Avoid eye and skin contact.  Cherry Precautions  None  Section VIII - Control Measures  Respiratory Protection (Specify Type)  (entilation Local Exhaust Yes Special None	lazardous Decompositio	n or Byproducts Ca	rbon mo	noxide, Carbon did	xide	
Section VI - Health Hazard Data Route(s) of Entry: Inhalation? Yes Skin? Yes Ingestion?  Health Hazard Chronic) Rone  Parcinogenicity: None identified NTP? IARC Monographs? OSHA Regulations and Symptoms of Exposure Irritation to apper respiratory tract, skin, eyes  Medical Conditions Generally Aggravated by Exposure None  Emergency First Aid Procedures Ingestion: If conscious, give large amounts of water  Eyes: Flush with water Inhalation: Move to fresh air Skin: Wash with soap and water  Section VII - Precautions for Safe Handling and Use  Replace to be Taken in case Material is Released for Spilled Wear suitable protective clothing. Mop up and rinse with water, or collect in absorptive material and dispose of the absorptive material and dispose of	Hazardous	May Occur	1	Conditions to Avoi	d	
Route(s) of Entry: Inhalation? Yes Skin? Yes Ingestion?  Health Hazards (Acute and Chronic) Parcinogenicity: None identified NTP? IARC Monographs? OSHA Regulation  Farcinogenicity: None identified NTP? IARC Monographs? OSHA Regulation  Figure and Symptoms of Exposure Intritation to upper respiratory tract, skin, eyes  Medical Conditions Generally Aggravated by Exposure None  Emergency First Aid Procedures Ingestion: If conscious, give large amounts of water  Eyes: Flush with water Inhalation: Move to fresti air Skin: Wash with soap and water  Section VII - Precautions for Safe Handling and Use  Repetition of Safe Handling and Use  Repetition VIII - Control Measures  Respiratory Protection (Specify Type)  (entitlation Local Exhaust Yes Special None)	Polymerization	Will Not Occur	X	None		
Avoid eye and skin contact.  Yes Skin Yes Ingaggin?  Avoid eye and skin contact.  Arealith Hazards (Acute and Chronic)  None  Irritation to upper respiratory tract, skin, eyes  Medical Conditions Generally Aggravated by Exposure  None  Emergency First Aid Procedures  Ingestion: If conscious, give large amounts of water  Inhalation: Move to fresh air Skin. Wash with scap and water  Section VII - Precautions for Safe Handling and Use  Repelled Wear suitable protective clothing. Mop up and rinse with water, or collect in absorptive material and dispose of the absorptive material and dispose of the absorptive material and environmental regulations.  Precautions to be Taken in Handling and Storing  Avoid eye and skin contact.  None  Section VIII - Control Measures  Respiratory Protection (Specify Type)  Ventilation  Local Exhaust Yes Special None	Section VI - Heal	th Hazard Data	4	<u> </u>		······································
Accide eye and skin contact.  None  None  None  None  None  None  None  None  None  Irritation to upper respiratory tract, skin, eyes  Medical Conditions Generally Aggravated by Exposure  Medical Conditions Generally Aggravated by Exposure  None  Emergency First Aid Procedures  Ingestion: If conscious, give large amounts of water  Eyes: Flush with water  Inhalation: Move to fresh air Skin: Wash with soap and water  Section VII - Precautions for Safe Handling and Use  teps to be Taken in case Material is Released for Spilled  Wear suitable protective clothing. Mop up  and rinse with water, or collect in absorptive material and dispose of the absorptive material and dispose			n? Ye	Skin?	Yes	Ingestion?
Signs and Symptoms of Exposure Irritation to upper respiratory tract, skin, eyes  Medical Conditions Generally Aggravated by Exposure None  Emergency First Aid Procedures Ingestion: If conscious, give large amounts of water  Eyes: Flush with water Inhalation: Move to fresh air Skin: Wash with soap and water  Section VII - Precautions for Safe Handling and Use  Repeted to be Taken in case Material is Released for Spilled Wear suitable protective clothing. Mop up and rinse with water, or collect in absorptive material and dispose of the absorptive material and	lealth Hazards (Acute	and Chronic) None	:			
Irritation to upper respiratory fract, skin, eyes  Medical Conditions Generally Aggravated by Exposure None  Emergency First Aid Procedures Ingestion: If conscious, give large amounts of water  Eyes: Flush with water Inhabation: Move to fresh air Skin: Wash with soap and water  Meetton VII - Precautions for Safe Handling and Use  Reps to be Taken in case Material is Released for Spilled Wear suitable protective ciothing. Mop up and rinse with water, or collect in absorptive material and dispose of the absorptive materia	arcinogenicity: None	identified NTP?		IARC Monogra	aphs?	OSHA Regulation?
Indical Conditions Generally Aggravated by Exposure None  Emergency First Aid Procedures Ingestion: If conscious, give large amounts of water  Eyes: Flush with water Inhalation: Move to fresh air Skin. Wash with scap and water  ection VII - Precautions for Safe Handling and Use  teps to be Taken in case Material is Released for Spilled Wear suitable protective clothing. Mop up and rinse with water, or collect in absorptive material and dispose of the absorptive material and dispose	igns and Symptoms o	of Exposure   Irritatio	on to upp	er respiratory tract	, skin, eves	<del></del>
Eyes: Flush with water Inhalation: Move to fresh air Skin: Wash with scap and water  ection VII - Precautions for Safe Handling and Use  teps to be Taken in case Material is Released for Spilled Wear suitable protective clothing. Mop up and rinse with water, or collect in absorptive material and dispose of the absorptive materia	fedical Conditions Ge					
Eyes: Flush with water Inhalation: Move to fresh air Skin: Wash with soap and water section VII - Precautions for Safe Handling and Use teps to be Taken in case Material is Released for Spilled Wear suitable protective clothing. Mop up and rinse with water, or collect in absorptive material and dispose of the absorptive material	mergency First Aid P	rocedures Ingestic	n If co	scious give large	amounte of	waler
Rection VII - Precautions for Safe Handling and Use Reps to be Taken in case Material is Released for Spilled Wear suitable protective clothing. More under rinse with water, or collect in absorptive material and dispose of the absorptive material and d						
Reps to be Taken in case Material is Released for Spilled Wear suitable protective clothing. Mop up and rinse with water, or collect in absorptive material and dispose of the	Section VII - Prec	autions for Safe	Hand	ling and Use		······································
and rinse with water, or collect in absorptive material and dispose of the absorptive material a					le protecto	e clothing. Mon un enil
environental regulations.  recautions to be Taken in Handling and Storing  Avoid eye and skin contact.  Other Precautions  None  ection VIII - Control Measures  Respiratory Protection (Specify Type)  (entilation Local Exhaust Yes Special None						
Avoid eye and skin contact.  Other Precautions  None  Section VIII - Control Measures  Respiratory Protection (Specify Type)  Ventilation  Local Exhaust Yes Special None	Vaste Disposal Metho		dance wi	th all applicable fe	deral, state,	, and local
Avoid eye and skin contact.  Other Precautions  None  section VIII - Control Measures  Respiratory Protection (Specify Type)  (entilation Local Exhaust Yes Special None		enviromental reg	ulations.			
None    None	recautions to be Take	n in Handling and Sto	ring			
None Section VIII - Control Measures Respiratory Protection (Specify Type) Ventilation Local Exhaust Yes Special None		Avoid eye and sk	in conta	vI.		
Respiratory Protection (Specify Type)  Ventilation Local Exhaust Yes Special None	Other Precautions					
Respiratory Protection (Specify Type)  /entilation   Local Exhaust Yes   Special None						
Pentilation Local Exhaust Yes Special None	ection VIII - Con	trol Measures				
TYONE	Respiratory Protection	(Specify Type)				
Mechanical (General) Yes Other Nove	/entilation	Local Exhaust	Yes		Special	None
(ACIDE ACIDE ACIDE ACIDE ACIDE		Manhaninelio		Van	Othor	

Safety goggles

Work/Hygienic Practices

Other Protective Clothing or Equipment None

None



Material Safety Data Sheet
May be used to comply with OSHA's Hazard Communication

Commission Co.	Standard 29		10.1200 Standard mu pecific requirements	ist be consulted	for
IDENTITY (As Used on Label and List)  Practice Gel Loa	IDENTITY (As Used on Label and List)  Practice Gel Loading Solution			e not permitted. I nation is available hat.	any item is not the space must
Section I		T	<u> </u>	***************************************	
Manufacturer's Name		Emergency Telephone Number (301) 251-5990			
EDVOTEK, Inc.		Teleph	one Number for inform	nation	
Address (Number, Street, City, State,	Zip Code)				251-5990
14676 Rothgeb Drive		Date F	repared 07/01/	03	
Rockville, MD 20850		Signat	ure of Preparer (option	nai)	
Section II - Hazardous Ingred	lients/Iden	tify In	formation		***************************************
Hazardous Components [Specific Chemical Identity: Common Name(s)]	OSHA	PFL		Other Limits	% (Optional)
This product contains no hazardous r					
Standard.			WILL SPORK TANDAUX	COMMITMENT	"
		****			
Section III - Physical/Chemic	al Charact	eristic	s	***************************************	
Boiling Point	No data	Spec	cific Gravity (H <sub>2</sub> 0 ≃ 1	)	No data
Vapor Pressure (mm Hg.)	No data	Melti	ing Point		No data
Vapor Density (AIR = 1)	No data		oration Rate /I Acetate = 1)		No data
Solubility in Water Soluble					
Appearance and Odor Blue liqu	id, no odor				
Section IV - Physical/Chemic	al Charact	eristic	es	<del>- 1. 1 </del>	
Flash Point (Method Used) No data		Flam	nable Limits	LEL No data	UEL No data
Extinguishing Media Dry chemical,	carbon dioxid	e, water	spray or foam	<del></del>	
Special Fire Fighting Procedures Use agents suitable for type of surrounding fire. Keep upwind, avoid breathing hazardous sulfur oxides and bromides. Wear SCBA.					
Unusual Fire and Explosion Hazards	Unknown				

Stability	Unstable	1	Conditions to Avo	oid	
	Stable	1 x	None		
Incompatibility	None			*****	
Hazardous Decomposition	or Byoroducte				
- Indiana de Decemposition	Sul	fur oxide	es, and bromides		
Hazardous Polymerization	May Occur	J	Conditions to Av	cid	
	Will Not Occur	X	None		
Section VI - Healt	h Hazard Data				
Route(s) of Entry:	Inhalati	on?	es Skin?	Yes	Ingestion? Yes
Health Hazards (Acute :		ute eye e ter routes		e irritation.	No data available for
Carcinogenicity: No data ava		,	IARC Monog	raphs?	OSHA Regulation?
Signs and Symptoms of	Exposure May	cause ski	n or eye irritation		
Medical Conditions Gen	erally Aggravated b	y Exposi	ure None repor	ted	
Ernergency First Aid Pro	ocedures Tro	at assessed	matically and sur		0'
Ernergency First Ald Pro	110		omatically and sup amounts of water		Rinse contacted area
	with	copious	amounts of water.		Rinse contacted area
Section VII - Preca	with	copious e Hand	amounts of water.		Rinse contacted area
Section VII - Preca	with	e Hand sed for S	amounts of water.  Iling and Use pilled		Rinse contacted area
Section VII - Preca Steps to be Taken in cas Wear eye and skin p	with	e Hand sed for S	amounts of water.  Iling and Use pilled		Rinse contacted area
Section VII - Preca Steps to be Taken in cas Wear eye and skin p	with with the state of the stat	e Hand sed for S spill area.	amounts of water.  Iling and Use pilled		Rinse contacted area
Section VII - Preca Steps to be Taken in cas Wear eye and skin p Waste Disposal Method Observe all federal,	iutions for Safe ie Material is Relea rotection and mop s state, and local regu	e Hand sed for S spill area.	amounts of water.  Iling and Use pilled		Rinse contacted area
Section VII - Preca Steps to be Taken in cas Wear eye and skin p Waste Disposal Method Observe all federal,	iutions for Safe ie Material is Relea rotection and mop s state, and local regu	e Hand sed for S spill area.	amounts of water.  Iling and Use pilled		Rinse contacted area
Section VII - Precasion VIII - Precasion VIII - Precasion of the Taken in case Wear eye and skin properties of the Taken Avoid eye and skin of the Precautions	iutions for Safe ie Material is Relea rotection and mop s state, and local regu	e Hand sed for S spill area.	amounts of water.  Iling and Use pilled		Rinse contacted area
Section VII - Preca Steps to be Taken in cas Wear eye and skin p Waste Disposal Method Observe all federal, Precautions to be Taken A void eye and skin	iutions for Safe ie Material is Relea rotection and mop s state, and local regu	e Hand sed for S spill area.	amounts of water.  Iling and Use pilled		Rinse contacted urea
Section VII - Preca Steps to be Taken in cas Wear eye and skin p Waste Disposal Method Observe all federal, Precautions to be Taken Avoid eye and skin of Other Precautions	utions for Safe is Material is Relea retection and mop s state, and local regu- in Handling and St- contact.	e Hand sed for S spill area.	amounts of water.  Iling and Use pilled		Rinse contacted area
Section VII - Precas Steps to be Taken in cas Wear eye and skin p Waste Disposal Method Observe all federal, - Precautions to be Taken Avoid eye and skin of Other Precautions None Section VIII - Cont	utions for Safe ie Material is Relea rotection and mop s state, and local regu in Handling and St rontact.	e Hand sed for S spill area.	amounts of water.  Iling and Use pilled		Rinse contacted area
Section VII - Preca Steps to be Taken in cas Wear eye and skin p Waste Disposal Method Observe all federal, Precautions to be Taken Avoid eye and skin of Other Precautions None Section VIII - Cont. Respiratory Protection (	nutions for Safe to Material is Relea rotection and mop s state, and local regu in Handling and St contact.  rol Measures Specify Type)	e Hand sed for S spill area.	amounts of water lling and Use pilled Rinse with water	ī	
Section VII - Preca Steps to be Taken in cas Wear eye and skin p Waste Disposal Method Observe all federal, Precautions to be Taken Avoid eye and skin of Other Precautions None Section VIII - Cont. Respiratory Protection (	utions for Safe te Material is Relea notection and mop s state, and local regu in Handling and St contact.  rol Measures Specify Type) Local Exhaust	e Hand sed for S spill area. dations.	amounts of water.  Illing and Use pilled Rinse with water.	Special	None
Waste Disposal Method Observe all federal, Precautions to be Taken Avoid eye and skin of	nutions for Safe to Material is Relea rotection and mop s state, and local regu in Handling and St contact.  rol Measures Specify Type)	e Hand sed for S spill area. dations.	amounts of water lling and Use pilled Rinse with water	Special Other	



Material Safety Data Sheet
May be used to comply with OSHA's Hazard Comm

ED VOIER.	Standard, 29		10.1200 Standard pecific requirement	must be consulted s.	for
IDENTITY (As Used on Label and List)			Note: Blank space	s are not permitted. I	f any item is not
B-1: Food Dye		applicable, or no information is available, the space mus be marked to indicate that.			. the space must
Section I					
Manufacturer's Name		Emer	gency Telephone	Number (301)	251-5990
EDVOTEK, Inc.		Telsoi	one Number for in		
Address (Number, Street, City, State,	Zip Code)				251-5990
14676 Rothgeb Drive Rockville, MD 20850		Date F	repared 07/01	/03	
HOCKVIIIe, IND 20050		Signat	ure of Preparer (op	tional)	***************************************
Section II - Hazardous Ingred	lients/Iden	tify In	formation		
Hazardous Components [Specific Chemical Identity; Common Name(s)]	***************************************		ACGIH TLV	Other Limits Recommended	% (Optional)
This product contains no hazard					/s (Optional)
Communication Standard.				55.7.11.6.6.5	
Section III - Physical/Chemic	al Charact	eristic	s	***	
Boiling Point	No data	Spec	cific Gravity (H <sub>2</sub> 0	= 1)	No data
Vapor Pressure (mm Hg.)	No data	Melt	ing Point		N/A
Vapor Density (AIR = 1)	No data		ooration Rate /I Acetate = 1)		No data
Solubility in Water Soluble	e				
Appearance and Odor Blue co	olor, liquid, n	o odo	r .	***************************************	
Section IV - Physical/Chemic	al Charact	eristic	s		
Flash Point (Method Used) No date		_	nable Limits	LEL No data	UEL No data
Extinguishing Media N/A					
Special Fire Fighting Procedures N/	A				
Unusual Fire and Explosion Hazards	None		···		

Section V - React	tivity Data					
Stability	Unstable		Conditions to Assist			
Citability			Conditions to Avoid			
	Stable	X	Unknown			
Incompatibility		None				
Hazardous Decomposition	n or Byproducts Sul	fur oxid	es and bromides			
Hazardous	May Occur		Conditions to Avoid			
Polymerization	Will Not Occur	Х	None			
Section VI - Heal	th Hazard Data					
Route(s) of Entry:	Inhalatio	n? No	Skin? Yes	Ingestion? Yes		
Health Hazards (Acute	and Chronic) A	cute e	ye contact: may cause	irritation		
Carcinogenicity:	NTP?		IARC Monographs?	OSHA Regulation?		
None		data	No data	No.		
Signs and Symptoms of Exposure  May cause skin or eye imitation						
Medical Conditions Ge	nerally Aggravated by	Exposu	re None reported			
Emergency First Aid P		itacted	areas with copious amo	ounts of water		

Avoid eye and skin contact

Section VII - Precautions for Safe Handling and Use Steps to be Taken in case Material is Released for Spilled

Wear eye and skin protection and mop/wipe spill area. Rinse with water.

Waste Disposal Method Can be disposed in the trash or down the sink

Precautions to be Taken in Handling and Storing Avoid eye and skin contact

Other Precautions

None

Section VIII - Control Measures

Respiratory Protection (Specify Type) NIOSH/MSHA - approved respirator Ventilation Local Exhaust None None Mechanical (General) Protective Gloves Eye Protection Splash prof goggles

Other Protective Clothing or Equipment None required Work/Hygienic Practices Avoid eye and skin contact



воуотек.	Material Safety Data Sheet May be used to comply with OSHA's Hazard Communication Standard. 29 CFR 1910.1200 Standard must be consulted for specific requirements.						
IDENTITY (As Used on Label and List) R-40 Food dye		Note: Blank epaces ar applicable, or no inform be marked to indicate to	nation is available	f any item is not , the space must			
Section I			·				
Manufacturer's Name	***	Emergency Telephone Nu		051 5005			
EDVOTEK, Inc.		***************************************		251-5990			
Address (Number, Street, City, State,	Zip Code)	Telephone Number for inforr		251-5990			
14676 Rothgeb Drive Rockville, MD 20850		Date Prepared 07/01/0	3				
Mockvine, MD 20000		Signature of Preparer (option	ial)				
Section II - Hazardous Ingredients/Identify Information							
Hazardous Components   Specific Other Limits							
			HA Hozord	% (Optional)			
This product contains no hazardous materials as defined by the OSHA Hazard Communication Standard.							
Section III - Physical/Chemic	al Charact	eristics		······································			
Boiling Point	No data	Specific Gravity (H <sub>2</sub> 0 = 1)	)	No data			
Vapor Pressure (mm Hg.)	No data	Melting Point		N/A			
Vapor Density (AIFI = 1)	No data	Evaporation Rate (Butyl Acetate = 1)		No data			
Solubility in Water Soluble	9			·			
Appearance and Odor Red co	olor, liquid. n	o odor					
Section IV - Physical/Chemic	al Charact	eristics					
Flash Point (Method Used) No date		Flammable Limits	LEL No data	UEL No data			
Extinguishing Media N/A			<u> </u>	I			
Special Fire Fighting Procedures N/	A						
Unusual Fire and Explosion Hazards	None						
e de la companya de l							

Unstable		Conditions to Avoid		
	<del></del>			
Jordole	L^	UIKIOWI		
	None			
Byproducts Sulf	fur oxid	es and bromide	s	
May Occur		Conditions to Avoi	3	
	Х	None		
	n? No	' Skin? \	'es	Ingestion? Yes
Chronic) A	cute e	ye contact: mo	y cause i	ritation
NTP?	data			OSHA Regulation?
posure				
illy Aggravated by	Exposu	re None r	eported	
dures		······································	<del></del>	
Rinse con	tacted	areas with cop	ious amoi	unts of water
ions for Safe	Handi	ing and Use		······································
Material is Release	ed for Sp	elled		
in protection a	nd mop	o/wipe spill area	. Rinse w	ith water.
in the trash or	down t	he sink		
Handling and Stor	ing			
Handling and Stor in contact	ing			
in contact	ing			
	ing			
ne Measures	ing			
ne I Measures		HA - approved res	pirator	
ne I Measures		HA - approved res	pirator Special	None
ne  Measures  city Type) Nic	OSH/MS			None None
in contact  ne  Measures scify Type) Nic  Local Exhaust	OSH/MS	No	Special Other	None
Measures city Type) Nic Local Exhaust Mechanical (Gen	OSH/MS	No No Eye Protec	Special Other	
	May Occur Will Not Occur Hazard Data Inhalatio IChronic) A NTP? No posure Illy Aggravated by dures Rinse con Ilons for Safe Material is Release in protection of	None Byproducts Sulfur oxid May Occur Will Not Occur X Hazard Data Inhalation? No IChronic) Acute e NTP? No dota posure Illy Aggravated by Exposu dures Rinse contacted items for Safe Handl Material is Released for Sp in protection and more	None  Byproducts Sulfur oxides and bromide  May Occur Conditions to Avoic Will Not Occur X None  Hazard Data  Inhalation? No Skin? You Control  Occur X None  Hazard Data  Inhalation? No Skin? You Control  Occur X None  Acute eye contact: mo No data No data No data No data None results Aggravated by Exposure None results Aggravated acreas with cope dures  Rinse contacted areas with cope dures  Rinse contacted areas with cope dures  Rinse contacted areas with cope dures  Items for Safe Handling and Use  Material is Released for Spilled in protection and mop/wipe spill areas  In the Irash or down the sink	None  Byproducts Sulfur oxides and bromides  May Occur Conditions to Avoid Will Not Occur X None  Hazard Data  Inhalation? No Skin? Yes  IChronic) Acute eye contact: may cause in NTP? IARC Monographs? No data No data  May cause skin: Illy Aggravated by Exposure None reported  dures Rinse contacted areas with copious amount of the street of the spilled in protection and mop/wipe spill area. Rinse with the trash or down the sink



Material Safety Data Sheet
May be used to comply with OSHA's Hazard Communication
Standard. 29 CFR 1510.1200 Standard must be consulted for
specific requirements.

IDENTITY (As Used on Label and List)  Xylene Cyonol			Note: Blank spaces are not permitted. If any item is not applicable, or no information is evailable, the space must be marked to indicate that			
Section I						
Manufacturer's Name	-	Emer	gency Telephone N	lumber ,	^==	
EDVOTEK, Inc.	ļ				251-5990	
Address (Number, Street, City, State,	Zip Code)	·	none Number for info		251-5990	
14676 Rothgeb Drive Rockville, MD 20850			07/01/		-	
		-	ure of Preparer (opti	onal)		
Section II - Hazardous Ingred	ients/Iden	tify In	formation			
Hazardous Components [Specific Chemical Identity; Common Name(s)]	OSHA	PEL		Other Limits Recommended	% (Optional)	
This product contains no hazard					o (Optional)	
Communication Standard, CAS	# 2650-17-1	1		or in thousand		
					**********	
Section III - Physical/Chemic	al Characte	eristi	cs			
Boiling Point	No data	Spe	cific Gravity (H <sub>2</sub> 0 ≂	1)	No data	
Vapor Pressure (mm Hg.)	No data	Melt	ing Point		N/A	
Vapor Density (AIR = 1)	No data		ooration Rate yl Acetate = 1)		No data	
Solubility in Water Soluble	9					
Appearance and Odor	color,	liquid	, no odor		***************************************	
Section IV - Physical/Chemic	al Charact	eristi	cs			
Flash Point (Method Used) No date	3	Flam	mable Limits	LEL No data	UEL No data	
Extinguishing Media N/A					.4	
Special Fire Fighting Procedures N/	A					
Unusual Fire and Explosion Hazards	None	**********				
	None					

Section V - React Stability	Unstable		Conditions to Avoid	
	Stable	X	Unknown	
Incompatibility	pass	<b></b>	OTKROWIT	<del></del>
	·····	None		
Hazardous Decompositio	n or Byproducts Sul	lfur oxid	es and bromides	
Hazardous Polymerization	May Occur	I	Conditions to Avoid	
	Will Not Occur	×	None	
Section VI - Heal	th Hazard Data		***************************************	
Route(s) of Entry:	Inhalation? No		Skin? Yes	Ingestion? Yes
lealth Hazards (Acute	and Chronic)	cute e	ye contact; may cause	irritation
Carcinogenicity:	NTP?		IARC Monographs?	OSHA Regulation?
None	No data		No data	No
Signs and Symptoms o	f Exposure		May cause ski	n or eye irritation
Medical Conditions Ge	nerally Aggravated by	Exposu	re None reported	1
Emergency First Aid Pr		ntacted	areas with copious am	ounts of water

## Section VII - Precautions for Safe Handling and Use

Steps to be Taken in case Material is Released for Spilled

Wear eye and skin protection and mop/wipe spill area. Rinse with water.

Waste Disposal Method

Can be disposed in the trash or down the sink

Precautions to be Taken in Handling and Storing Avoid eye and skin contact

Other Precautions

None

Section VIII - Control Measures

Respiratory Protection (Specify Type) NIOSH/MSHA - approved respirator

Local Exhaust Ventilation Special None None Mechanical (General) Other Protective Gloves, Eye Protection Yes Splash prof goggles

Other Protective Clothing or Equipment None required Work/Hygienic Practices

Avoid eye and skin contact