MATERIAL SAFETY DATA SHEET

This form may be used to comply with OSHA's Hazard Communication Standard, 29 CFR §1910.1200. To be valid, all information required by §1910.1200 (g) of the Standard must appear on this form. Consult the standard for specific requirements. Note: Blank spaces are not permitted. If any item is not applicable, or no information is avialable, the space must be marked to indicate that.

IDENTITY (As Used on Label and List)		I	Hazard Class:					
Acotono				E, ]				
Acetone		The same of the same						
Section I		Emergency Teleph	one Number	West of the second				
Prepared from Standard Reference by:		Emergency relept	one ramou	Local Fin	re Department or EM			
Health Career Learning Systems, Inc.	alth Career Learning Systems, Inc.							
Address (Number, Street, City, State and Zip Co	ode)	relephone reame	Telephone Number for Information  Local Poison					
37557 Schoolcraft Road								
Livonia, MI 48150	Date Prepared	Date Prepared August 1						
esconties of		Signature of Prepar	er (optional)					
Section II - Hazardous Ingredients/Identi	ity Information				a Europe			
		ne(s) OSHA PEL AC	GIHTLV Other I	imits %	(optional)			
Hazardous Components (Specific Chemical Ider	nuty: Continon Nam	11(3) 051171122 110						
			140					
	ment of the	The Special Section of	St. Name of the contract of th					
		Specific Gravity (H20 = 1)			0 7899			
Boiling Point	133.2°F		\$2 04 04 		0.7899			
Boiling Point	133.2°F	Melting Point			0.7899 Unk			
Boiling Point Vapor Pressure (mm Hg.)	133.2°F		state = 1)					
Boiling Point  Vapor Pressure (mm Hg.)  Vapor Density (AIR = 1)  Solubility in Water	133.2°F	Melting Point	state = 1)		Unk			
Vapor Pressure (mm Hg.)  Vapor Density (AIR = 1)  Solubility in Water  Soluble	133.2°F	Melting Point	state = 1)		Unk			
Vapor Pressure (mm Hg.)  Vapor Density (AIR = 1)  Solubility in Water  Soluble	133.2°F	Melting Point  Evaporation Rate (Butyl Ace			Unk			
Wapor Pressure (mm Hg.)  Wapor Density (AIR = 1)  Solubility in Water  Soluble  Appearance and Odor  Colorless liquid with	133.2°F	Melting Point  Evaporation Rate (Butyl Ace			Unk			
Vapor Pressure (mm Hg.)  Vapor Density (AIR = 1)  Solubility in Water  Soluble  Appearance and Odor  Colorless liquid with	133.2°F  1.2kg/m <sup>3</sup> a fragrant  Data Rating	Melting Point  Evaporation Rate (Butyl Ace  mint-like odo)  g: 3	- one season man		Unk Unk			
Vapor Pressure (mm Hg.)  Vapor Density (AIR = 1)  Solubility in Water  Soluble  Appearance and Odor  Colorless liquid with  Section IV - Fire and Explosion Hazard I	133.2°F  1.2kg/m <sup>3</sup> a fragrant  Data Rating	Melting Point  Evaporation Rate (Butyl Ace			Unk Unk			
Wapor Pressure (mm Hg.)  Wapor Density (AIR = 1)  Solubility in Water  Soluble  Appearance and Odor  Colorless liquid with  Section IV - Fire and Explosion Hazard I  Flash Point (Method Used)	133.2°F  1.2kg/m <sup>3</sup> a fragrant  Data Rating	Melting Point  Evaporation Rate (Butyl Ace  mint-like odo)  g: 3	- one season man	%	Unk Unk			
Wapor Pressure (mm Hg.)  Wapor Density (AIR = 1)  Solubility in Water Soluble  Appearance and Odor Colorless liquid with  Section IV - Fire and Explosion Hazard I  Flash Point (Method Used)  OF (-18°C), CC	133.2°F  1.2kg/m <sup>3</sup> a fragrant  Data Rating	Melting Point  Evaporation Rate (Butyl Ace  mint-like odor  g: 3  nable Limits	LEL	%	Unk Unk			
Vapor Pressure (mm Hg.)  Vapor Density (AIR = 1)  Solubility in Water Soluble  Appearance and Odor Colorless liquid with  Section IV - Fire and Explosion Hazard I  Flash Point (Method Used) O'F (-18°C), CC	133.2°F  1.2kg/m  a fragrant  Data Rating	Melting Point  Evaporation Rate (Butyl Ace  mint-like odor  g: 3  nable Limits	LEL	%	Unk Unk			
Vapor Pressure (mm Hg.)  Vapor Density (AIR = 1)  Solubility in Water  Soluble  Appearance and Odor  Colorless liquid with  Section IV - Fire and Explosion Hazard I  Flash Point (Method Used)  O'F (-18°C), CC  Extinguishing Media  See below  Special Fire Fighting Procedures	1.2kg/m <sup>3</sup> a fragrant Data Rating	Melting Point  Evaporation Rate (Butyl Ace  mint-like odor  g: 3  nable Limits  Unk	LEL 2.6		Unk Unk  Unk			
Appearance and Odor Colorless liquid with Section IV - Fire and Explosion Hazard I Flash Point (Method Used) 0°F (-18°C), CC Extinguishing Media	1.2kg/m <sup>3</sup> a fragrant Data Rating	Melting Point  Evaporation Rate (Butyl Ace  mint-like odor  g: 3  nable Limits  Unk	LEL 2.6		Unk Unk  Unk			
Boiling Point  Vapor Pressure (mm Hg.)  Vapor Density (AIR = 1)  Solubility in Water  Soluble  Appearance and Odor  Colorless liquid with  Section IV - Fire and Explosion Hazard I  Flash Point (Method Used)  O'F (-18°C), CC  Extinguishing Media  See below  Special Fire Fighting Procedures  USE Carbon dioxide; dr	1.2kg/m <sup>3</sup> a fragrant Data Rating	Melting Point  Evaporation Rate (Butyl Ace  mint-like odor  g: 3  nable Limits  Unk	LEL 2.6		Unk Unk  Unk			
Vapor Pressure (mm Hg.)  Vapor Pressure (mm Hg.)  Vapor Density (AIR = 1)  Solubility in Water	133.2°F  1.2kg/m  a fragrant  Data Rating Flamm	Melting Point  Evaporation Rate (Butyl Ace  mint-like odor  g: 3  nable Limits  Unk	LEL 2.6		Unk Unk  Unk			
Vapor Pressure (mm Hg.)  Vapor Pressure (mm Hg.)  Vapor Density (AIR = 1)  Solubility in Water	133.2°F  1.2kg/m  a fragrant  Data Rating Flamm	Melting Point  Evaporation Rate (Butyl Ace  mint-like odor  g: 3  nable Limits  Unk	LEL 2.6		Unk Unk  Unk			
Vapor Pressure (mm Hg.)  Vapor Density (AIR = 1)  Solubility in Water  soluble  Appearance and Odor  Colorless liquid with  Section IV - Fire and Explosion Hazard I  Flash Point (Method Used)  0°F (-18°C), CC  Extinguishing Media  see below  Special Fire Fighting Procedures  use carbon dioxide; dr	133.2°F  1.2kg/m <sup>3</sup> a fragrant  Data Rating Flamm	Melting Point  Evaporation Rate (Butyl Ace  mint-like odor  g: 3  nable Limits  Unk	LEL 2.6		Unk Unk  Unk			

expressed or implied, is made. @1994, HCLS

Section V - Rea	ctivity Data	Rat	ing:	0
Stability	Unstable			Conditions to Avoid
	Stable	х		
Incompatibility (N	laterials to Avoid)		<u> </u>	
hydrog	en peroxide		etic	acid, nitric acid
Hazardous Decon	position or Byproduct	S		
Hazardous	May Occur		T	Conditions to Avoid
Polymerization		х	<del></del>	
	Will Not Occur		<u> </u>	
Section VI - He Route(s) of Entry:	alth Hazard Data	JEN	ing:	Skin? Yes Eyes? Yes Ingestion? Yes
Target	Organs: r	espi	rator	ry system; skin; eyes
Health Hazards (A	cute and Chronic)			
Skin a	nd eyes: i	rrit	ant i	in exposure less than 1000ppm.
Respir	atory: hea	dach	e wit	th prolonged exposure
Carcinogenicity:	NTP? n	0		IARC Monographs? no OSHA Regulated? no
			•	
Signs and Sympto	ms of Exposure			
Inh:	irritating	to_e	yes,	nose and throat. Eyes: painful burning and
stingi	ng Skin:	der	mitit	tis
Medical Conditor				
Aggravated by Ex	•	nk		
	· · · · · · · · · · · · · · · · · · ·			
Eves:	irst Aid Procedures	mmed	liatel	ly; do not rub eyes. Skin: soap wash immediately
Inh:				ion immediately Ing: seek medical attention
Section VII - P	recautions for Safe	Handl	ing and U	Use
Steps To Be Take	n in Case Material Is I	(eleased	or Spuice	ion sources, adequate ventilation. Pick-up
			•	
with r	on-combusti	ble	absor	rbent material, using gloves and eyewear.
Waste Disposal M	lethod		_	Toon Your
Use for	rceps or al	oves	<u>when</u>	n handling contaminated gauze or brushes. Keep
bottle	s tightly c	lose	ed and	d store on flat surface. Don't store near open fl
Precautions to Be	Taken in Handling an	d Storin	lg	
Ilnk	<del></del>			
Other Precautions				
Unk				
	•			
Section VII - C	ontrol Measures	Rat	ing:	6
	ction (Specifiy Type)			
recomm	ended			10
Ventilation	Local Exhaust well vente	đ		Special several air exchanges per hour
	Mechanical (Genera			Other vent to outside if using high concentrations
Protective Gloves		<del></del>		Eye Protection
rubber	or nitrile			safety glasses or goggles
Other Protective (NA	lothing or Equipment			
Work/Hygenic Pr.	ectices			
Remove	contaminat	ed_c	lothi	ing: may be flammable after exposure.
שי מסע	COULTA CONTRACTOR	UL S	Declares :	obsolete OSHA form 20 MSDS. This information herein is given in good faith but no warranty.
expressed or impl	OSHA 174, September led, is made. 1994, HC	LS	vehaces c	Page 2

Section V - Rea	ctivity Data	Rat	ing:	0							
Stability	(Insepte			Conditions to Avoi	4					··	
	Stable	х									
Incompatibility (A	faterials to Avoid)	استحجا									
hydrog	en peroxide position or Byproduc	, ac	etic	acid, nitr	ic aci	0					
Tiazarovus Down											
Hazardous	May Occur			Conditions to Avoi	d						
Polymerization	Wen Mas Osma	х							•		
Section VI - He	Will Not Occur alth Hazard Data	Ret	ing	1							
Route(s) of Entry: Target		Inhalatio		s Skin? ry system;	yes skin:		yes? y∈	S	Ingesti	m? y	es
	cute and Chronic)										
Skin a	nd eyes: i	rrit	ant	in exposure	less	than 1	.000pp	m -			
Respir	atory: hea	dach	e wit	th prolonge	d expo	sure					
Carcinogenicity:	NIP? n			IARC M	onographs?	no			OSHA	Regulate	d? no
									<u> </u>		
Signs and Sympto	ms of Exposure irritating			noce and t	hroat	Eyes	s: pa	inful	burning	and	
	•	•	_		III UAL.						•
stingi		der	mitit	tis							
Medical Condition Aggravated by Ex		Jnk									
Aggravated by Ex	posure c	/IIX									
Vith n  Waste Disposal M  Use fo	seek medica recautions for Safe n in Case Material Is all heat a con-combusti	Handi Rdessed and i ble	ing and for Spille gnit absor	ion sources rbent mater n handling	, adeqial, u	Ing:	zentil gloves	ation; and e	rushes	-up ·	
8: 8											
Other Precautions Un k											
Section VII - C	ontrol Measures	Rat	ing:	6							
Respiratory Protes	tion (Specifiy Type)		****								
recomm				Special							
Ventilation	Local Exhaust Well Vente	d		several					-		
	Mechanical (Genera	1)Unk	<u> </u>	Other vent to	outs	ide if	usin	g high	concer	itrat:	ions
Protective Gloves				Eye Protection	· fot:	<b>~</b> 10		acaa1			
Ciber Protective C	or nitrile			ı Si	TELY.	glasse	S OI	gagg re			
NA											
Work/Hygenic Pro	ctices	۔۔۔۔			£1		fter	evnee	ro.		
	contaminat			_		anie a	1.1.2.1	erfuzn	<u></u>	<del></del>	
Don't	eat, drink	or s	moke	in vicinity					1 3 O 1-0	<u> </u>	
Based on Draft of	OSHA 174, Septembe	z 1985.	Replaces	obsolete OSHA form	20 MSDS.	This inform	nation her	em is given	m good faith	OUT DO WE	manty,
expressed or impli	ed, is made. 1994, HC	:LS		Page	2						