ΓΛI	ROL		AL SAF	ETY	DATA SHEET				
		2700 York Road Burlington, NC 27215 336-584-0381 www.carolina.com		/ISDS No					
SECTIO		NAME			GENCY ASSISTANCE				
Product	Formalin So								
hemical ynonyms	N/A		- CHEMTREC 800-424-9300 Health 2						
ormula	Mixture.		- 🗡	Day 585	5-226-6177 Fire 0 Reactivity 0				
nit Size	up to 3.785	Lt.	- NFPA HAZARD F	ATING	HMIS *				
.A.S. No.	Mixture.		- MINIMAL S		DERATE SERIOUS SEVERE				
SECTIO	N II	INGREDIENTS OF	MIXTURE	S					
rincipal C	Component((s)		%	TLV Units				
Formaldel	nyde: (CAS No	o. 50-00-0)		3.70%	TWA: 0.3 ppm; 0.37 mg/m ³				
Methyl alc	ohol: (CAS No	0. 67-56-1)		1.2%	TWA: 200 ppm; 262 mg/m ³				
Water: (C	AS No. 7732-1	18-5)		95.1%	None established.				
		IF INHALED, SWALLOWED OR ABSO		JGH SKIN	. MAY CAUSE IRRITATION				
SECTIO		PHYSICAL DATA			1				
Aelting Poir	. ,	Freezes approx. 0°C (68°F)	Specific Gravity $(H_2O = 1)$ Percent Volatile		Approx. 1.0				
oiling Poin	()	Approx. 100°C (212°F)	by Volume (%) Evaporation Rate		100%				
•	sure (mm Hg)	((Water =1)		> 1				
apor Dens	,	0.7 (water)							
olubility in		Complete. Clear, colorless liquid; strong irritating aldehyde odor.							
		FIRE AND EXPLOS			ATA				
lash Point Method Used)		Flammable Li	imits in Air		Lower Upper				
ktinguisher edia		er spray; dry chemical; foam; carbon	-						
	<u> </u> IREFIGHTIN	IG							
ROCEDUI		In fire conditions, wear breathing apparatus ar eye protection is not p	nd full protectiv						
UNUSUAL EXPLOSIO	FIRE AND N HAZARDS	5							
		In fire conditions, wate may cause hazardous as dust or fume.							

SECTIO	NV		н	EAL	TH HAZAI	RD DA1	ΓA			FF0269		
Threshold Limited Value				Methanol: STEL 250 ppm, 328 mg/m ³								
Effects of Overexposure				Toxic effects are mainly those of irritation. If swallowed it causes violent vomiting and diarrhea which can lead to collapse. Frequent or prolonged exposure can cause hypersensitivity. Exercise appropriate procedures to minimize potential hazards. Target organs: Eyes, central nervous system, liver, kidneys.								
with water f <u>SKIN:</u> Ren medical atte difficult, give	roced mouth to for at leas nove cont ention. II e oxygen	o an un st 15 m tamina NHALA	inutes, lift ted clothir TION: R medical at	omiting s perso ing up ng. Flu emove ttentior	only if advised on. <u>EYES:</u> Ch per and lower e ish thoroughly to fresh air. If n.	d by approp leck for and eyelids occ with mild s f not breath	oriate d ren asio oap	e medica nove con nally. Ge and wate	Center immediatel I personnel. Never tact lenses. Flush t t immediate medic. r. If irritation occur icial respiration. If l	give horoughly al attention. s, get		
SECTIO			R		TIVITY DA							
Stability	Unstab Stabl		Х	Con	altions to I	Avoia		cessive aporatio	temperature to caus	se		
Incompati (Materials	bility		Strong	acids, iron p	phenols, stron roducts, gelatir	ng oxidizers n, bisulfite.			c acid, ammonia, io	dine, alkalies,		
Hazardous Decomposition Products			ucts	Thermal decomposition or burning may produce irritating formaldehyde vapor or carbon monoxide.								
Hazardous Polymerization				Con	ditions to <i>l</i>	Conditions to Avoid						
May Occur	May Occur Will Not Occu				r Not applicable.							
SECTIO		Х	S	PILL	OR LEAP	(PROC						
SECTIO Steps to b material is	e take	× n in c	Sl		Absorb spil container fo	ll with an in or disposal.	ert d	DURES				
Steps to b	e take s releas	x n in c sed o	S case or spille	d	Absorb spil container fo dilute amm treatment, or dis	ll with an in or disposal. onia solutio	ert d Flu on to	DURES Iry materi Ish spill a remove	al and place in a su rea with water. Wa	ash with		
Steps to b material is Waste Dis Dispose o	pe takes releas posal l	x n in c sed o Metho	S case or spille od Dis The d incinera	d ccharge, ese disp tor equ	Absorb spil container fo dilute amm treatment, or dis osal guidelines a tipped with an	Il with an in or disposal. onia solutio posal may b ire intended f afterburner	ert d Flu on to e sub for the	DURES Iry materi ish spill a remove	al and place in a su rea with water. Wa any residual odor. leral, State or Local lav	ws. ies only.		
Steps to b material is Waste Dis Dispose o	posal l fin an ap at-site tre	X n in c sed o Metho pprovec eatmen	S case or spille od Diso The d incinera at or dispo S or laborate	d charge, ese disp tor equ sal fac PEC ory use	Absorb spil container fo dilute amm treatment, or dis vosal guidelines a tipped with an ility are not ava IAL PROT	I with an in or disposal. onia solutio posal may b re intended f afterburner ailable, con	ert d Flu on to e sub for the and trac	DURES Iry materi Ish spill a remove e disposal I scrubbe t with a li NFOR	al and place in a su rea with water. Wa any residual odor. leral, State or Local la of catalog-size quantit r or in an approved censed waste dispo	ash with ws. ies only. chemical ssal agency.		
Steps to b material is Waste Dis Dispose o landfill. If SECTIO Respiration Pr	posal fin an ap at-site tre N VIII otection	X n in c sed o Metho pprovec eatmen Fc recal Exha	S case or spille od Dis The d incinera at or dispo S or laborate spirator for aust	d charge, ese disp tor equ sal fac PEC ory use or orga	Absorb spil container fo dilute amm treatment, or dis bosal guidelines a tipped with an a tillity are not ava IAL PROT work in fume nic vapors. Yes.	I with an in or disposal. onia solutio posal may b re intended f afterburner ailable, con ECTIO hood or we	ert d Flu on to e sub for the and trac	DURES Iry materi ish spill a remove ject to Fec e disposal I scrubbe t with a li NFOR IIOSH/M3 No.	al and place in a su rea with water. Wa any residual odor. leral, State or Local la of catalog-size quantit r or in an approved censed waste dispo MATION SHA-approved cartu	ash with ws. ies only. chemical osal agency. idge		
Steps to b material is Waste Dis Dispose o landfill. If SECTIO Respiration Pr (Specify Type) Ventilation	posal of in an apateria at-site tree takes of the second s	X n in c sed o Metho oprovec eatmen Fc re cal Exha chanica	S case or spille od Dis The d incinera at or dispo S or laborato spirator fo aust al (General	d ccharge, ese disp tor equ osal fac PEC pry use or orga	Absorb spil container fo dilute amm treatment, or dis sosal guidelines a tipped with an a ility are not ava IAL PROT work in fume nic vapors. Yes. Yes.	I with an in or disposal. onia solutio posal may b re intended f afterburner ailable, con ECTIOI hood or we Spec Othe	ert d Flu Don to e sub for the c and ttrac ear N trac	Iry materi sh spill a remove ject to Fece e disposal scrubbe t with a li NFOR IIOSH/M3 No. Adequa	al and place in a su rea with water. Wa any residual odor. leral, State or Local la of catalog-size quantit r or in an approved censed waste dispo MATION SHA-approved cartu	ash with ws. ies only. chemical osal agency. idge exposure limit.		
Steps to b material is Waste Dis Dispose o landfill. If SECTIO Respiration Pr (Specify Type)	posal l fin an ap at-site tro N VIII otection n Loo Mee e Glove	X n in c sed o Methe oprovec eatmen Fc re cal Exha chanica	S case or spille d incinera t or dispo or laborato spirator fo aust al (General	d charge, ese disp tor equ osal fac pry use or orga Rubbel	Absorb spil container fo dilute amm treatment, or dis iosal guidelines a tipped with an a tility are not ava IAL PROT work in fume nic vapors. Yes. Yes.	I with an in or disposal. onia solutio posal may be re intended f afterburner ailable, con ECTIO hood or we Spec Othe	ert d Flu on to e sub for the and thrac ear N ear N cote	PURES Iry materi ish spill a remove ject to Fec e disposal is crubbe t with a li NFOR NIOSH/MS No. Adequa ection	al and place in a su rea with water. Wa any residual odor. leral, State or Local la of catalog-size quantit r or in an approved censed waste dispo MATION SHA-approved cartu	ash with ws. chemical bsal agency. ridge exposure limit		
Steps to b material is Waste Dis Dispose o landfill. If SECTIO Respiration Pr (Specify Type) Ventilation Protective Other Protective	posal l fin an ap at-site tro N VIII otection n Loo Mee Glove	X n in c sed o Methe oprovec eatmen Fc re cal Exha chanica	S case or spille d incinera t or dispo or laborato spirator f aust al (General l at, apron,	d charge, ese disp tor equ bal fac PEC or orga Rubben goggle	Absorb spil container fo dilute amm treatment, or dis iosal guidelines a tipped with an a tility are not ava IAL PROT work in fume nic vapors. Yes. Yes.	I with an in or disposal. onia solutio posal may be recented for afterburner ailable, con ECTIO hood or we Spec Othe Eye Pr	ert d . Flu Don to e sub for the ar M itrac' N ital er ote	PURES Iry materi ish spill a remove ject to Fec e disposal is crubbe t with a li NFOR NIOSH/MS No. Adequa ection	al and place in a su rea with water. Wa any residual odor. Ieral, State or Local lav of catalog-size quantit r or in an approved cansed waste dispo MATION SHA-approved carth tte to maintain below Splash proof goggle	ash with ws. ies only. chemical osal agency. ridge exposure limit. as or face shield.		
Steps to b material is Waste Dis Dispose o landfill. If SECTIO Respiration Pr (Specify Type) Ventilation Protective Other Protective Equipment	posal I of in an ap at-site tro N VIII otection n Loo Pe Glove re N IX to be T. & Storir	X n in c Sed o Metho pprovec eatmen FC re cal Exhanica S Lab co- aken ng	S case or spille or spille d incinera at or dispo or laborato for labo	d charge.esse disp tor equ sal fac PEC Pry usee r orga gogglu PEC score in eathin	Absorb spil container for dilute amm treatment, or dis osal guidelines a ility are not ava IAL PROT work in fume nic vapors. Yes. Yes. Yes. r. es, gloves, eye IAL PREC a cool, dry place	I with an in or disposal. onia solutio posal may be recented for afterburner ailable, con ECTIO hood or we Spec Othe Eye Pr a wash stati AUTIO ce. Keep a st. Avoid c	ert d Flu on to e subfor the and thrac: Null ear N cote on, v NS away	DURES Iry materi ish spill a remove oject to Fece e disposal I scrubbe t with a li NFOR IIOSH/M3 No. Adequa sction ventilation from hea	al and place in a su rea with water. Wa any residual odor. Ieral, State or Local lav of catalog-size quantit r or in an approved cansed waste dispo MATION SHA-approved carth tte to maintain below Splash proof goggle	ash with ws. ies only. chemical ssal agency. idge exposure limit. is or face shield. sher.		
Steps to b material is Waste Dis Dispose o landfill. If SECTIO Respiration Pr (Specify Type) Ventilation Protective Other Protective Equipment SECTIO Precautions in Handling	posal i fin an ap at-site tro N VIII otection n Loc Mei e Glove re N IX to be T. & Storir ly closed whe	X n in c Sed o Meth opprovec eatmer FC re cal Exha chanica S Lab co aken ng n not in us Read labla	S case or spille or spille d incinera at or dispo S or laborate spirator fo aust al (General at, apron, S se. W	d charge, , sse disp tor equ ssal fac DEC ory use rorga goggle DEC goggle DEC sore in easth in 'ash th	Absorb spil container fo dilute amm treatment, or dis iosal guidelines a tipped with an a dility are not ava tipped with an a tility are not ava to work in fume nic vapors. Yes. Yes. Yes. r. es, gloves, eye a cool, dry plaa g vapors or mis	I with an in or disposal. onia solutio posal may be tre intended f afterburner ailable, con ECTIO hood or we Spec Othe Eye Pr wash stati AUTIO ce. Keep a st. Avoid c handling.	ert d Flu on to e subfor the contract ear N cote for the car N cote note onta note note en wor	DURES	al and place in a su rea with water. Wa any residual odor. Ieral, State or Local lar of catalog-size quantit r or in an approved censed waste dispo MATION SHA-approved cartr the to maintain below Splash proof goggle in hood, fire extingui at and flame. Avoid in and clothing.	ash with ws. ies only. chemical ssal agency. ridge exposure limit. is or face shield. sher.		
Steps to b material is Waste Dis Dispose o landfill. If SECTIO Respiration Pr (Specify Type) Ventilation Protective Other Protective Equipment SECTIO Precautions in Handling Keep container tight	posal i fin an ap at-site tro N VIII otection n Loc Mei e Glove re N IX to be T. & Storir ly closed whe	X n in c sed o Metho opproved eatmer FC c cal Exha chanica chanica S Lab coo Lab coo Read lab chanica S Read lab chanica S Read b S	S case or spille od Dist The d incinera at or dispo S or laborate spirator fo aust al (General d General d se. W S br se. W	d charge, sse disp tor equ vissal fac PEC goggle PEC goggle PEC vore in ash th	Absorb spil container for dilute amm treatment, or dis iosal guidelines a tipped with an a tipped with an a tillty are not availing work in fume nic vapors. Yes. Yes. Yes. r. es, gloves, eye IAL PREC a cool, dry plater g vapors or mis oroughly after	I with an in or disposal. onia solutio posal may bi- tre intended I afterburner ailable, con ECTIO hood or we ECTIO hood or we Eye Pr wash stati AUTIO ce. Keep a st. Avoid c handling.	ert d Flu on to e sub for the car N iai or vote on, v NS way onta	PURES Iry materi Ish spill a remove oject to Fece e disposal I scrubbe t with a lin NFOR NO. Adequa ection ventilation from hea ct with sk king with che each of childre	al and place in a su rea with water. Wa any residual odor. Ieral, State or Local lar of catalog-size quantit r or in an approved censed waste dispo MATION SHA-approved cartr the to maintain below Splash proof goggle in hood, fire extingui at and flame. Avoid in and clothing.	ash with ws. ies only. chemical ssal agency. ridge exposure limit. is or face shield. sher.		
Steps to b material is Waste Dis Dispose o landfill. If SECTIO Respiration Pr (Specify Type) Ventilation Protective Other Protective Equipment SECTIO Precautions in Handling Keep container tight	posal l of in an ap at-site trr N VIII otection n Loc B Glove re Glove re N IX to be T & Storir ty closed whe utions	X n in c sed o Metho opproved eatmer FC c cal Exha chanica chanica S Lab coo Lab coo Read lab chanica S Read lab chanica S Read b S	S case or spille of Dist The d incinera at or dispo S or laborate spirator for aust al (General at, apron, S se. W W ove and w	d charge, , sse disp tor equ ssal fac PEC pry usee or orga goggle PEC ash th r before L . Not for ash to	Absorb spil container for dilute amm treatment, or dis iosal guidelines a tipped with an a tipped with an a tillity are not ava IAL PROT work in fume nic vapors. Yes. Yes. Yes. r. es, gloves, eyee IAL PREC a cool, dry plaa g vapors or mis oroughly after	I with an in or disposal. onia solutio posal may be tre intended f afterburner ailable, con ECTIO hood or we ECTIO othe Eye Pr Eye 	ert d . Flu on to e subb for the contract var N ear N ear N N stal on, N NS en worta	PURES Iry materi Ish spill a remove oject to Fece e disposal I scrubbe t with a lin NFOR NO. Adequa ection ventilation from hea ct with sk king with che each of childre	al and place in a su rea with water. Wa any residual odor. Ieral, State or Local lar of catalog-size quantit r or in an approved censed waste dispo MATION SHA-approved cartr the to maintain below Splash proof goggle in hood, fire extingui at and flame. Avoid in and clothing.	ash with ws. ies only. chemical ssal agency. ridge exposure limit is or face shield sher.		

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of subability and completeness of information from all sources to assure proper use of these materials and the safety and eath of employees. Thezardous Materials industrial Standards. Printed on recycled paper.