## **METRO SUPPLY COMPANY**

8997 Timmons Circle Villa Rica, GA

RISK NFPA 4.- Extreme

3.- High 2.- Moderate

0.- Without risk

1.- Light

HEALTH (

0 3 REACTIVITY OXY

FLAMMABILITY

SPECIAL

MATERIAL SAFETY DATA SHEET

FOR EMERGE	NCV ACCION	INCE INVOLV	ING CHEMIC	ALS CALL - C	HEMTEL Inc (	800) 255-3924	•			
	NCT ASSISA	Classification:	IIAG CHEIRIO	ALO OALL O	Date:		Code:			
Material: SHIMMER		Bleach Ilquid				Jan-00				
F I -	Chamical Nat	oo and Supariu	mous	חח	.T. SHIPPING	INFORMATIC	N:			
Formula:	inula. Chemical Hame and Cynonymous						HLORITE SOLUTION 8, UN1791, PG II			
Chlorine in solution	Chemical bler	iu.	<u></u>	1111 0011						
I HAZARDOUS INGREDIE	NTS		<u> </u>							
Hazardous Componente / S	3)	% by weight	CAS	TWA/TLV						
Hazardous Components ( Specific Chemical Identity; Common Name(s) % by v Sodium Hypochlorite 8.0 -										
						7681-52-9				
							<u> </u>			
II PHYSICAL AND CHEM	ICAL CHARAC	TERISTICS				Dailie	a Point			
Appearance:		- greenish to y	elow liquid.			Boiling Point				
Odor:										
pH solution 1% in H <sub>2</sub> O:	,	198-210 °F								
			·		Ir	oto / Butul Ao	etate = 1 )			
Vapor Pressure 20 ºC (mm			Vapor Densit		Evaporation F	Rate ( Butyl Ac Not applicable	- ( )			
Not determine				ermined	<u></u>					
Melting Point / Freezing Poi	nt. (ºC)	I .	· · ·	% Volatile by		Solubility in w				
Not determined		The second secon	- 1.28	Not ap	plicable	<u>IViis</u>	cible			
III FIRE AND EXPLOSION					Tempoble lis	nits in air, % b	v vol			
Flash Point & Method Used		Flammable limits in air, % by vol.			Upper: Not ap		y ¥01.			
Not applicable		Lower: Not applicable				Ignition energ	v (Milijoules)			
Auto-Ignition Temperature (°C)		Dust: Explosion, minim concentration N/A Not applicable			A Landa Library Laboratory					
Not applicable	<del>0</del>	N/A	<u> </u>	Not applicable	<u></u>	1,10, 9	li di			
Extinguishing Media:	T MALARIAN ES	- ·	CO <sub>2</sub>	]Water $\Box$	Other	Dry Chemica	1			
Foam L	] "Alcohol" Fo	am.		TAAGICI F	Sand	,	-			
X Not applica		· · · · · · · · · · · · · · · · · · ·		<u></u>	Sand					
Special Fire Hazards: Non	<b>e</b>									
		•								
Fire Fighting Methods: Pro	duct does not	support combu	stion.							
I ile righting Methods. Fro		pp-::								
IV HEALTH INFORMATION	ON									
Time - weighted average.	Concentrations	for up a 8 - ho	ur workday du	ring a 40 - hou	r work - week.		•			
	Not determin	ed								
<u> </u>	·			,						
Signs and Symptoms of Ex	posure:	<i>*</i> .								
a) Inhalation - May cause n	aucous irritatio	n,nose and thro	oat.	and the Color	Mayaayaaa	ona irritation a	nd hurns			
b) Contact Eyes Conta	act cause stron	g irritation or d	amage non re	versidie. SKIN	-way cause str	ong mradom a	na banno.			
c) Ingestion Internal orga	n perforation, i	nausea,vomitin	ig, strong abdo	ominai pain.						
Emergency first aid proced	lure:	4- funchi -!u A4	first size of di	fficulty in breat	hing sta <del>rt</del> artifi	cial repiration.				
Inhalation: Immediately	remove victim	to tresh air. At	of pool weter	for at last 15 m	inutés Get me	edical attention	1			
Contact: Eyes Imme	Eyes Immediately flush eyes with plenty of cool water for at last 15 minutes. Get medical attention immediately. Skin Immediately flush skin with plenty of soap and water, rinse with water while removing									
immediately	ι. Skin im <u>m</u> e d clothing. Wa	olately flusti sk	at with profity	inte relise			-			
contaminate	e ciotning, vva e vomiting, lf v	an comanimat ictim is consci	ous and able t	o swallow, pro	mptly have vict	im drink water	, after by			
Ingestion: Do not inductive classes	of milk. Never	r dive anvihind	by mouth if the	e victim is unco	onscious or hav	ving convulsio	ns.			
Call a physic	can immediatel	y and anyamig								
Call a physic	an miniteurate	у								

V REACTIVITY DAT	ΓΑ			para and a second		<del></del>		
Stability: x Stable			Conditions to Avoid:					
Shimmer	w.	C	Open container	s and hot roon	ns.			
	Unstable							
Hazardous Decompo								- 1
Releases chlorine wit			<del></del>		<del></del>			
Hazardous Polymeriz			Conditions to A	void:				
May Occur	x Will Not Occur		VA		<del></del>			
Incompatibility ( Mate	rials to Avoid ):						and actionic	
Water		cids, oxidizing urfactants.	g - reducing ag	ents, ammonia	compo	unds, amines, a	III Cauomic	
VI PRECAUTIONS	FOR SAFE HANDLING	AND USE						
Step to be taken in ca	ase materials is release	d or spilled:						,
Stop s	nill immediately isolate	the area, conf	tain spilled ma	terial, collect u	sing abs	orbent media (	sand ).	7.07
Transf	er to secure containers.	Wash the are	ea with soap a	nd water, rinse	with wa	ter to eliminate	residues.	
Avoid	direct contact with the p	oroduct.			•			İ
Waste Disposal Meth	nod:			¥				
Dilute with plenty of v	vater. Neutralize chlorin	e and alkalinit	ty to pH 7.0 and	d disposed in d	conforma	ance with all ap	olicable	
local, state and feder	al laws and regulations,	, and in confo	rmance with go	ood engineerin	g practic	es.	-	:
VII CONTROL ME	ASURES		<u> </u>	<del>سوسین پر سو</del>			<u> </u>	
Ventilation:								
Handle	e in the presence of ade	quate ventilat	tion.	· · · · · · · · · · · · · · · · · · ·			······································	
Respiratory Protection	n			•				
	cessary.		, ,	<del></del>			fat.	
Protective Gloves: F	Rubber or neoprene, wh	en 🍴	Eye protection:	: Wear chemic	cal splas	h goggles or sa	Tety	3
needed, to prevent s	kin contact.	!	glasses where	there is a pote	ntial for	eye contact.		
Other Protective Clo	thing or Equipment: In	case of incide	ential contact ha	ave fresh wate	r availab	le for finsing.		
VIII HANDLING, S	TORAGE AND USAGE							- 37
Storage: Inside	Yes	lot Rooms:	Yes	Refrigerate:		Yes Outer:		Yes
3 Months	Not		x Not	·	Y	Not	lx l	Not
Storage - Temperatu	ire °F							hay o
Maxim. 113	Minim.		General Obser	rvations in Stor	age.			
Storaç	ge in dry and fresh atmo	sphere, unde	r roof. Keep co	ntainer closed	when p	roduct in not in	use.	
Keep	out of the reach of child	ren, or the me	entally ill and fo	ods.				
et a constitue	-							
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Preventive Etiquette				1				* > 10
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1	Michael Thomas				Υ,	Nichael Ihomas		
	Prepared By	· · · · · · · · · · · · · · · · · · ·		<u> </u>	- 1	Authorization		
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## ADVISE .-

The information presented herein is believed to be factual as it has been derived from the works and opinions of persons believed to be qualified experts; however, nothing contained in this information is to be taken as a warranty or representation for which METRO SUPPLY bears legal responsability. The user should review any recomendations in the specific context of the intended use to determine whether they are appropriate.