Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard. 29CFR 1910. Standard must be consulted for specific requirements.



Manufacturer's								
Manufacturer's Name	WA	TLOW ELECTR	IC MANUFACTU	RING COMPAN	ΙΥ			
Address	.,				Emergenc	ey .		
	1200	01 LACKLAND	ROAD		Telephone	e No. (314) 8	378-4600	
City, State, and Zip		LOTHE MICCOL	IDI (214)		Other Info		70.4600	
G* 4 CB		ST. LOUIS, MISSOURI 63146			Calls (314) 878-4600			
Signature of Person Responsible for Preparation (Optional)					Date Prepared November 15, 2010			
•				TITY	Trepareu	Novem	1001 13, 2010	
			DIENTS/IDEN					
Hazardous Compo	nent(s) (Chemical	& Common Name(s	s))	OSHA PEL	ACGIG TLV	Other Exposure Limits	% (Optional)	CAS NO.
*HYDRATED ALUMINUM OXIDE			1 Omg/M ³	1 Omg/M ³	N/A	10-15%	1344-28-	
ONLY THOSE	MATERIALS	LISTED ABOVE	E HAVE BEEN DE	ETERMINED TO	BE HAZAR	DOUS AS DEFI	NED IN 29 CI	FR
1910.1200. AN	INGREDIENT	MARKED WIT	TH AN ASTERISK	(*) IS ALSO LI	STED IN 29C	FR 1910.1200 (I	D) #4, AS KN	OWN OR
SUSPECTED C	ARCINOGEN.	. THE FOLLOW	VING MATERIAL	S HAVE BEEN I	DETERMINE	D TO BE NON-	HAZARDOU	S.
ANTI-BACTERIAL - AGENT				<1%				
ANTI-BACTEF	RIAL - AGENT	1					<1%	
							<1%	
ANTI-BACTER METHYLCELI WATER								
METHYLCELI WATER	LULOSE		CAL CHARAO	CTERISTICS			<1%	,
METHYLCELI WATER SECTION 3	LULOSE		CAL CHARAO	CTERISTICS Specific		V	<1%	,
METHYLCELI WATER SECTION 3 Boiling	LULOSE		CAL CHARAC		(20 = 1) 1		<1% 85-90%	N/A
METHYLCELI WATER SECTION 3 Boiling Point Vapor	LULOSE - PHYSICA		CAL CHARAC	Specific	(20 = 1) 1		<1% 85-90%	
METHYLCELI WATER SECTION 3 Boiling Point Vapor Density (Air = 1) Bolubility	- PHYSICA 212° N/A		CAL CHARAC	Specific		P	<1% 85-90%	
METHYLCELI WATER SECTION 3 Boiling Point Vapor Density (Air = 1) Solubility	- PHYSICA 212° N/A Soluble	L & CHEMI		Specific Gravity (H Reactivity in Water	(₂0 = 1) 1 None	P	<1% 85-90%	
METHYLCELI WATER SECTION 3 Boiling Point Vapor Density (Air = 1) Solubility n Water Appearance	- PHYSICA 212° N/A Soluble Slightly Viso			Specific Gravity (H Reactivity in Water Melting	None	P	<1% 85-90%	
METHYLCELI WATER SECTION 3 Boiling Point Vapor Density (Air = 1) Solubility in Water Appearance	- PHYSICA 212° N/A Soluble	L & CHEMI		Specific Gravity (H Reactivity in Water		P	<1% 85-90%	
METHYLCELI WATER SECTION 3 Boiling Point Vapor Density (Air = 1) Solubility in Water Appearance and Odor	- PHYSICA 212° N/A Soluble Slightly Visco	L & CHEMI	idal Solution	Specific Gravity (H Reactivity in Water Melting	None	P	<1% 85-90%	
WATER SECTION 3 Boiling Point Vapor Density (Air = 1) Solubility n Water Appearance and Odor SECTION 4	- PHYSICA 212° N/A Soluble Slightly Visc Odorless - FIRE & E	L & CHEMIC	idal Solution	Specific Gravity (H Reactivity in Water Melting	None N/A	LEL	<1% 85-90%	
METHYLCELI WATER SECTION 3 Boiling Point Vapor Density (Air = 1) Solubility n Water Appearance and Odor SECTION 4 Flash Point	- PHYSICA 212° N/A Soluble Slightly Visco	L & CHEMIC cous White Collo	idal Solution	Specific Gravity (H Reactivity in Water Melting Point Flammable in Air % b	None N/A e Limits y Volume	P	<1% 85-90% apor ressure (mm Hg)	
METHYLCELI WATER SECTION 3 Boiling Point Vapor Density (Air = 1) Solubility n Water Appearance and Odor SECTION 4 Flash Point Auto-Ignition	- PHYSICA 212° N/A Soluble Slightly Visco Odorless - FIRE & E N/A	Cous White Collo	idal Solution	Specific Gravity (H Reactivity in Water Melting Point Flammable in Air % b Extinguish	None N/A e Limits y Volume er	LEL	<1% 85-90% apor ressure (mm Hg)	N/A
METHYLCELI WATER SECTION 3 Boiling Point Vapor Density (Air = 1) Solubility n Water Appearance and Odor SECTION 4 Flash Point Auto-Ignition Cemperature	- PHYSICA 212° N/A Soluble Slightly Visc Odorless - FIRE & E	Cous White Collo	idal Solution	Specific Gravity (H Reactivity in Water Melting Point Flammable in Air % b	None N/A e Limits y Volume	LEL	<1% 85-90% apor ressure (mm Hg)	N/A
METHYLCELI WATER SECTION 3 Boiling Point Vapor Density (Air = 1) Solubility in Water Appearance and Odor SECTION 4 Flash Point Auto-Ignition Temperature Special Fire	- PHYSICA 212° N/A Soluble Slightly Visc Odorless - FIRE & E N/A None	Cous White Collo	idal Solution	Specific Gravity (H Reactivity in Water Melting Point Flammable in Air % b Extinguish	None N/A e Limits y Volume er	LEL	<1% 85-90% apor ressure (mm Hg)	N/A
METHYLCELI WATER SECTION 3 Boiling Point Vapor Density (Air = 1) Solubility in Water Appearance and Odor SECTION 4 Flash Point Auto-Ignition Temperature Special Fire	- PHYSICA 212° N/A Soluble Slightly Visc Odorless - FIRE & E N/A None	Cous White Collo	idal Solution	Specific Gravity (H Reactivity in Water Melting Point Flammable in Air % b Extinguish	None N/A Limits y Volume er N/A Health	LEL Lower N/A	<1% 85-90% apor ressure (mm Hg)	N/A
METHYLCELI WATER SECTION 3 Boiling Point Vapor Density (Air = 1) Solubility in Water Appearance and Odor SECTION 4 Flash Point Auto-Ignition Temperature Special Fire Fighting Procedure	- PHYSICA 212° N/A Soluble Slightly Visc Odorless - FIRE & E N/A None	Cous White Collo	idal Solution	Specific Gravity (H Reactivity in Water Melting Point Flammable in Air % b Extinguish Media	None N/A Limits y Volume er N/A Health Reactivity	LEL Lower N/A = 1 = 0	<1% 85-90% apor ressure (mm Hg)	N/A
METHYLCELI WATER SECTION 3 Boiling Point Vapor Density (Air = 1) Solubility in Water Appearance and Odor SECTION 4 Flash Point Auto-Ignition Temperature Special Fire	- PHYSICA 212° N/A Soluble Slightly Visc Odorless - FIRE & E N/A None es None	Cous White Collo	idal Solution	Specific Gravity (H Reactivity in Water Melting Point Flammable in Air % b Extinguish Media	None N/A Limits y Volume er N/A Health	LEL Lower N/A	<1% 85-90% apor ressure (mm Hg)	N/A

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)											
Stability Unstable Stable	Conditions to Avoid	None									
Incompatibility		1,0110									
(Materials to Avoid)	N/A										
Hazardous											
Decomposition Products Hazardous			OF PHOSGEN	E & HYDROGEN	CHLORIDE IF HEATE	D ABOVE 200°.					
	May Occur		NE KNOWN								
SECTION 6 - HEALTH HAZARDS											
1. Acute	NO ACUTE AFFECTS I	KNOWN	2. Chi		DER SUSPECTED CAR	RCINOGEN					
Signs and Symptoms of exposure	FVF CONTACT MAY	RESULT IN	IRRITATION	INGESTION MA	Y RESULT IN NAUSE	Δ					
Symptoms of exposure	ETE CONTINUE I MILLI	RESCETIIV	ndd17111011	, II (GLS II OI VIII I	TRESCET IN THICSES	. •					
Medical Conditions Genera	·										
Aggravated by Exposure	NO KNOWN MEDICA	L CONDITIO	ONS ARE AGO	GRAVATED BY E	XPOSURE TO SOLUT	ION					
Chamical Lists Las Camina			N-4:1 T:	-1 V	I.A.R.C Yes	OCHA V					
Chemical Listed as Carcino or Potential Carcinogen	HYDRATED ALUMIN	UM OXIDE	National Toxico	ology Yes [] No X	I.A.R.C Yes D Monographs No X	OSHA Yes No X					
Emergency and	EVECCHOLII D DE DD	ODEDI V ELI	ICHED WITH	WATER DIVE	CIAN CHOLL D DE CO	NITACTED					
First Aid Procedures SHOULD IRRITATIO	EYES SHOULD BE PRO ON PERSIST. PHYSICIAL					NIACIED					
1. Inhalati		EDOM COLUT	ION DRIED M	IATERIAL CAMPE	DILLALED CALIGRIC GIL	ICONOGIG					
ROUTES 2. Eyes	WN HARMFUL EFFECTS I	ROM SOLUT	ION. DRIED M	IATERIAL CAN BE	INHALED CAUSING SIL	ICONOSIS					
\ POSSIBI	LE IRRITATION										
OF \ 3. Skin NON-IRI	RITANT, NON-SENSITIZ	ZING SOLUT	ION								
ENTRY $\sqrt{4.}$ Ingestio	n	zir (G BOEC I	1011								
	LE NAUSEA										
SECTION 7 - SPE	CCIAL PRECAUTION	NS AND S	SPILL/LEA	K PROCEDUR	RES						
in Handling and Storage Precautions to be Taken	STORE IN COOL,	DRV PLACE	AT TEMPER	ATURES RELOW	100°F						
11ccautions to be Taken	STOKE II COOL,	DRITERCE	THI TENHER	THORES BELOW	100 1.						
Other											
Precautions	ASSURE CAP IS I	PROPERLY S	SECURED AF	TER OPENING BO	OTTLE.						
Steps to be Taken in Case	OLEAN ONLL WIT	H WET DAG	C DONOT A	I I OW MATERIA	I TO DOW DIDI ACE						
Material is Released or Spi	lled CLEAN SPILL WII	H WEI RAG	S. DO NOT A	LLOW MATERIA	L TO DRY IN PLACE.						
Waste Disposal Methods											
-	lations) DISPOSE OF AS P	ER LOCAL,	STATE, AND	FEDERAL REGU	LATIONS.						
SECTION 8 - SPE	CCIAL PROTECTIO	N INFOR	MATION/C	CONTROL ME	ASURES						
Respiratory Protection											
(Specify Type) Ventilation	NOT REQUIRED FOR Local	SOLUTION Mechanical		Special	Other						
NONE	Exhaust NONE	(General)	NONE			NONE					
Protective Gloves	NOT REQUIRED										
Other Protective											
Clothing or Equipment Work/Hygienic Practices	NOT REQUIRED										
	NORMAL HYGIENE P	RACTICE									