

Material Safety Data Sheet

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

WATLUBE

QUICK IDENTIFIER

SECTION 1

Manufacturer's Name		WATLOW ELECTRIC MANUFACTURING COMPANY	
Address	12001 LACKLAND ROAD	Emergency Telephone No.	(314) 878-4600
City, State, and Zip	ST. LOUIS, MISSOURI 63146	Other Info. Calls	(314) 878-4600
Signature of Person Responsible for Preparation (Optional)		Date Prepared	November 15, 2010

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (Chemical & Common Name(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%	1344-28-1

ONLY THOSE MATERIALS LISTED ABOVE HAVE BEEN DETERMINED TO BE HAZARDOUS AS DEFINED IN 29 CFR

1910.1200. AN INGREDIENT MARKED WITH AN ASTERISK (*) IS ALSO LISTED IN 29CFR 1910.1200 (D) #4, AS KNOWN OR

SUSPECTED CARCINOGEN. THE FOLLOWING MATERIALS HAVE BEEN DETERMINED TO BE NON-HAZARDOUS.

ANTI-BACTERIAL - AGENT	<1%
METHYLCELLULOSE	<1%
WATER	85-90%

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	212°	Specific Gravity (H₂O = 1)	1	Vapor Pressure (mm Hg)	N/A
Vapor Density (Air = 1)	N/A				
Solubility in Water	Soluble	Reactivity in Water	None		
Appearance and Odor	Slightly Viscous White Colloidal Solution Odorless	Melting Point	N/A		

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point	N/A	Method Used	N/A	Flammable Limits in Air % by Volume	LEL Lower	N/A	UEL Upper	N/A
Auto-Ignition Temperature	None	Extinguisher Media	N/A					
Special Fire Fighting Procedures	None							
Unusual Fire and Explosion Hazards	None	NFPA	Health	=	1	Reactivity	=	0
			Fire	=	0			

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability Unstable
Stable Conditions
to Avoid None

Incompatibility
(Materials to Avoid) N/A

Hazardous
Decomposition Products POSSIBLE TRACE AMOUNTS OF PHOSGENE & HYDROGEN CHLORIDE IF HEATED ABOVE 200°.

Hazardous Polymerization May Occur
Will not Occur Conditions
to avoid NONE KNOWN

SECTION 6 - HEALTH HAZARDS

1. Acute NO ACUTE AFFECTS KNOWN 2. Chronic DRY POWDER SUSPECTED CARCINOGEN

Signs and
Symptoms of exposure EYE CONTACT MAY RESULT IN IRRITATION, INGESTION MAY RESULT IN NAUSEA

Medical Conditions Generally
Aggravated by Exposure NO KNOWN MEDICAL CONDITIONS ARE AGGRAVATED BY EXPOSURE TO SOLUTION

Chemical Listed as Carcinogen or Potential Carcinogen HYDRATED ALUMINUM OXIDE National Toxicology Program Yes
No I.A.R.C Monographs Yes
No OSHA Yes
No

Emergency and
First Aid Procedures EYES SHOULD BE PROPERLY FLUSHED WITH WATER. PHYSICIAN SHOULD BE CONTACTED SHOULD IRRITATION PERSIST. PHYSICIAN SHOULD ALSO BE CONTACTED IN CASE OF NAUSEA.

ROUTES OF ENTRY
1. Inhalation
NO KNOWN HARMFUL EFFECTS FROM SOLUTION. DRIED MATERIAL CAN BE INHALED CAUSING SILICONOSIS
2. Eyes
POSSIBLE IRRITATION
3. Skin
NON-IRRITANT, NON-SENSITIZING SOLUTION
4. Ingestion
POSSIBLE NAUSEA

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

in Handling and Storage
Precautions to be Taken STORE IN COOL, DRY PLACE AT TEMPERATURES BELOW 100°F.

Other
Precautions ASSURE CAP IS PROPERLY SECURED AFTER OPENING BOTTLE.

Steps to be Taken in Case
Material is Released or Spilled CLEAN SPILL WITH WET RAGS. DO NOT ALLOW MATERIAL TO DRY IN PLACE.

Waste Disposal Methods
(Consult federal, state, and local regulations) DISPOSE OF AS PER LOCAL, STATE, AND FEDERAL REGULATIONS.

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection
(Specify Type) NOT REQUIRED FOR SOLUTION
Ventilation NONE Local Exhaust NONE Mechanical (General) NONE Special NONE Other NONE

Protective
Gloves NOT REQUIRED

Other Protective
Clothing or Equipment NOT REQUIRED

Work/Hygienic Practices
NORMAL HYGIENE PRACTICE