

# 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	December 1, 2006

## 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 <sup>3</sup>	1 Omg/M <sup>3</sup>	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%	4080-31-3
METHYLCELLULOSE	<1%	9004-67-5
WATER	85-90%	

## SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	212°	Specific Gravity (H <sub>2</sub> O = 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							
		NFPA	Health = 1 Reactivity = 0 Fire = 0					
Unusual Fire and Explosion Hazards	None							

## 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 May Occur  Conditions  
Polymerization Will not Occur  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 Local Mechanical Special Other  
NONE Exhaust NONE (General) NONE NONE NONE

Protective  
Gloves NOT REQUIRED

Other Protective  
Clothing or Equipment NOT REQUIRED

Work/Hygienic Practices  
NORMAL HYGIENE PRACTICE