

Material Safety Data Sheet

WATLUBE

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

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

Bolling Point	212°	Specific Gravity (H ₂ O = 1)	1	Vapor Pressure (mm Hg)	N/A
Vapor Density (Air = 1)	N/A	Reactivity in Water	None		
Solubility in Water	Soluble	Melting Point	N/A		
Appearance and Odor	Slightly Viscous White Colloidal Solution Odorless				

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 Conditions to Avoid None
Stable

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 Local Exhaust NONE Mechanical (General) NONE Special NONE Other NONE

Protective Gloves NOT REQUIRED

Other Protective Clothing or Equipment NOT REQUIRED

Work/Hygiene Practices NORMAL HYGIENE PRACTICE