



# HYDROSIL

## INTERNATIONAL LTD.

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Hydrosil HS-AC-P-KOH

Identity (Trade Name As Used On Label)



MSDS Number\*

CAS Number\*

January 1, 2012 - December 31, 2012

Date Prepared

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Prepared By\*

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

### SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS - Chemical Name & Common Names (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	%*	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
carbon activated	80-85%	N/A	N/A	None
CAS No. # 7440-44-0				
potassium hydroxide/water	15-20%	N/A	N/A	None
CAS No. # 1814-60				
Non-Hazardous Ingredients				
<b>TOTAL</b>	<b>100</b>			

### SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point N/A	Specific Gravity (H <sub>2</sub> O = 1)	Density	34-35 #/ft <sup>3</sup>
Vapor Pressure (mm Hg and Temperature) N/A	Melting Point N/A		
Vapor Density (Air = 1) N/A	Evaporation Rate (_____ = 1)	N/A	
Solubility in Water N/A	Water Reactive N/A		

Appearance and Odor Black Particulate Solid

### SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method Used N/A	Auto-Ignition Temperature N/A	Flammability Limits in Air % by Volume N/A	LEL N/A	UEL N/A
Extinguisher Media If involved in fire, flood with plenty of water				
Special Fire Fighting Procedures None				

Unusual Fire and Explosion Hazards Contact with strong oxidizers such as ozone, liquid oxygen, chlorine, etc. may result in fire.

## SECTION 4 - REACTIVITY HAZARD DATA

<b>STABILITY</b> <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions To Avoid Strong oxidizers such as ozone, liquid oxygen, chlorine, etc.
Incompatibility (Materials to Avoid)	Strong oxidizers such as ozone, liquid oxygen, chlorine, etc.
Hazardous Decomposition Products	Carbon monoxide may be generated in the event of fire
<b>HAZARDOUS POLYMERIZATION</b> <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur	Conditions To Avoid Exposure to strong oxidizers

## SECTION 5 - HEALTH HAZARD DATA

<b>PRIMARY ROUTES OF ENTRY</b>	<input type="checkbox"/> Inhalation <input type="checkbox"/> Skin Absorption	<input type="checkbox"/> Ingestion <input checked="" type="checkbox"/> Not Hazardous	<b>CARCINOGEN LISTED IN</b>	<input type="checkbox"/> NTP <input type="checkbox"/> IARC Monograph	<input type="checkbox"/> OSHA <input checked="" type="checkbox"/> Not Listed
<b>HEALTH HAZARDS</b>	Acute None	Chronic None			
Signs and Symptoms of Exposure					
Medical Conditions Generally Aggravated by Exposure	None				
<b>EMERGENCY FIRST AID PROCEDURES</b> - Seek medical assistance for further treatment, observation and support if necessary					
Eye Contact	Immediately flush with large amounts of water for 15 minutes				
Skin Contact	None				
Inhalation	None				
Ingestion	None				

## SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specify Type)	Treat as low level nuisance dust, Use NIOSH/MSA #TC-21C-132				
Protective Gloves	None	Eye Protection	Safety glasses		
<b>VENTILATION TO BE USED</b>	<input type="checkbox"/> Local Exhaust <input type="checkbox"/> Other (specify)	<input checked="" type="checkbox"/> Mechanical (general)	<input type="checkbox"/> Special		
Other Protective Clothing and Equipment	Regular work clothing				
Hygienic Work Practices	Wash your hands before eating.				

## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE/ LEAK PROCEDURES

Steps to be Taken If Material is Spilled Or Released	Sweep up granules and dispose of in accordance with local, state, and federal regulations.				
Waste Disposal Methods	Dispose of in accordance with local, state, and federal regulations.				
Precautions to be Taken in Handling and Storage	Protect containers against physical damage. Store in a cool dry area in closed containers.				
Other Precautions and/or Special Hazards	Wet activated carbon removes oxygen from air causing a severe hazard to workers inside their carbon vessels or confined spaces				
NFPA Rating* Health _____ Flammability _____ Reactivity _____ Special _____	HMIS Rating* Health _____ Flammability _____ Reactivity _____ Special _____				

\* Optional