



# HYDROSIL

## INTERNATIONAL LTD.

1180 St. Charles Street  
Elgin, IL 60120

Phone: 1-800-787-7531  
Emergency Phone: 1-847-741-1600  
Telex\*: 1-847-741-1616

Hydrosil HS-300

Identity (Trade Name As Used On Label)



MSDS Number\*

CAS Number\*

January 1, 2013 to December 31, 2013

Date Prepared

William J. Waldschmidt

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
N-Hexadecyl-N,N,N-trimethylammonium chloride	3.80%	N/A	N/A	None
Non-Hazardous Ingredients zeolite/water	96.20%			
<b>TOTAL</b>	<b>100</b>			

### SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point N/A	Density 57.0-59.0 pounds/cubic foot
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 white irregularly shaped solid, no odor

### 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
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Extinguisher Media If involved in fire, flood with plenty of water

Special Fire Fighting Procedures None

Unusual Fire and Explosion Hazards Products of combustion are toxic

## SECTION 4 - REACTIVITY HAZARD DATA

<b>STABILITY</b> <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions To Avoid None known
Incompatibility (Materials to Avoid)	Strong oxidizing and reducing agents
Hazardous Decomposition Products	Organic chlorides, amines, hydrogen chloride may be produced
<b>HAZARDOUS POLYMERIZATION</b> <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur	Conditions To Avoid None known

## 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 None		
Medical Conditions Generally Aggravated by Exposure None					

**EMERGENCY FIRST AID PROCEDURES** - Seek medical assistance for further treatment, observation and support if necessary

<b>Eye Contact</b>	Immediately flush with large amounts of water for 15 minutes Get immediate medical attention
<b>Skin Contact</b>	Wash affected areas with plenty of water and soap if available, for several minutes. Seek medical attention if irritation develops.
<b>Inhalation</b>	Remove from area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.
<b>Ingestion</b>	Give 3-4 glasses of milk (if unavailable, give water), but do not induce vomiting. If vomiting does occur, give fluids again. Seek medical attention.

## SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specify Type)	Treat as low level nuisance dust, Use NIOSH/MSA #TC-21C-132		
Protective Gloves	Rubber or neoprene when needed	Eye Protection	Use safety glasses with side shields
<b>VENTILATION TO BE USED</b>	<input checked="" type="checkbox"/> Local Exhaust <input type="checkbox"/> Other (specify) None	<input checked="" type="checkbox"/> Mechanical (general)	<input type="checkbox"/> Special
Other Protective Clothing and Equipment	Eye wash, safety shower, protective clothing as appropriate		
Hygienic Work Practices	None		

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

Steps to be Taken If Material is Spilled Or Released	Keep containers closed until used.
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 carbon/coal removes oxygen from air causing a severe hazard to workers inside carbon vessels or confined spaces
NFPA Rating* Health _____ Flammability _____ Reactivity _____ Special _____	HMIS Rating* Health _____ Flammability _____ Reactivity _____ Special _____

\* Optional