PolvOne

MATERIAL SAFETY DATA SHEET AQUAMIX 1271

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1. PRODUCT AND COMPANY IDENTIFICATION POLYONE CORPORATION 8155 Cobb Center Drive, Kennesaw, GA 30152				
Product name	:	AQUAMIX 1271		
Product code	:	FO20027659		
Chemical Name	:	Mixture		
CAS-No.	:	Mixture		
Product Use	•	Industrial Applications		

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No.	Weight percent
Disodium hexafluorosilicate	16893-85-9	10 - 30

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

This product has not been evaluated as a whole for health effects. Information provided on the health effects of this product is based on individual components. In addition, some vapors or contaminants may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure. See sections 8 and 11 for special precautions.

POTENTIAL HEALTH EFFECTS

Routes of Exposure:	: Skin contact, Inhalation, Ingestion		
Acute exposure			
Inhalation	: Inhalation of airborne droplets may cause irritation of the respiratory tract.		
Ingestion	: May be harmful if swallowed.		
Eyes	: May cause eye and skin irritation.		
Skin	:		
Chronic exposure	: Refer to Section 11 for Toxicological Information.		

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Medical Conditions Aggravated by Exposure:	: None known.
	4. FIRST AID MEASURES
Inhalation	: Move to fresh air in case of accidental inhalation of vapors or fumes from overheating or combustion. When symptoms persist or in all cases of doubt seek medical advice.
Ingestion	: Never give anything by mouth to an unconscious person. Seek medical attention if necessary. Do not induce vomiting without medical advice.
Eyes	: Rinse immediately with plenty of water for at least 15 minutes. If ey irritation persists, seek medical attention.
Skin	: Wash off with soap and plenty of water. If skin irritation persists seek medical attention.
	5. FIREFIGHTING MEASURES
Flash point	: no data available
Flammable Limits Upper explosion limit Lower explosion limit Auto-ignition temperature	 no data available no data available no data available
Suitable extinguishing media Special Fire Fighting Procedures	 Carbon dioxide (CO2), Water, Foam, Dry chemical. Fullface self-contained breathing apparatus (SCBA) used in positive pressure mode should be worn to prevent inhalation of airborne contaminants. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or wate courses.
Unusual Fire/Explosion Hazards	 Burning dry latex produces dense black smoke with the possibility of toxic vapors. Residual latex material contained in empty drums may decompose when burned producing toxic or irritating fumes. Carbon dioxide (CO2), carbon monoxide (CO), oxides of nitrogen (NOx), other hazardous materials, and smoke are all possible.
	6. ACCIDENTAL RELEASE MEASURES
Personal precautions	: Ensure response personnel are properly protected (see section 8 for respiratory or other protection guidelines.) Use caution as floors may be slippery.
Environmental precautions	: The product should not be allowed to enter drains, water courses or the soil.
Methods for cleaning up	: Soak up with inert absorbent material (e.g. sand, silica gel, acid



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	binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal.
	7. HANDLING AND STORAGE
Handling	: Use only in area provided with appropriate exhaust ventilation. Prolonged heating may result in product degradation. Material may settle during storage. Careful mixing without introduction of air may be necessary before use.
Storage	: Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep in a dry, cool place. Keep from freezing and temperature extremes.
8. EXI	POSURE CONTROLS/PERSONAL PROTECTION
Respiratory protection	: A respirator is normally not required for routine handling of product in areas of good general ventilation and adequate local exhaust at processing equipment during routine operation. Airborne contaminant levels should be maintained below the occupational exposure guidelines.
Eye/Face Protection	: Safety glasses with side-shields Wear goggles or face shield during operations that present a splash potential.
Hand protection	: Impervious gloves such as rubber or PVC
Skin and body protection	: Long sleeved shirts and long pants are adequate for normal handling. Where operations present a splash or spill potential, employees should wear chemically resistant clothing, boots, apron, gloves, and eye/face protection.
Additional Protective Measures	: Safety shoes
General Hygiene Considerations	: Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practices.
Engineering measures	: Adequate ventilation and/or appropriate respiratory protection may also be necessary to minimize employee exposure to processing vapors.
Exposure limit(s)	
9.	. PHYSICAL AND CHEMICAL PROPERTIES
Form	: liquid Evapouration rate : Slower than But
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Appearance Colour Odour Melting point/range Boiling Point: Water solubility	: liquidSpecific Gravity: Not determined: NO PIGMENTBulk density: Not applicable: slightVapour pressure: Not established: not applicableVapour density: Heavier than air.: Not establishedpH: Not determined: completely miscible: Not established	
	10. STABILITY AND REACTIVITY	
Stability	: The product is stable if stored and handled as prescribed.	
Hazardous Polymerization	: Will not occur.	
Conditions to avoid	: Extremes of temperature and direct sunlight. Keep from freezing.	
Incompatible Materials	: Acids, metal salts, and solvents	
Hazardous decomposition products	: Carbon dioxide (CO2), carbon monoxide (CO), oxides of nitrogen (NOx), other hazardous materials, and smoke are all possible.	

11. TOXICOLOGICAL INFORMATION

This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

Toxicity Overview

This product contains the following components which in their pure form have the following characteristics:

CAS-No.	Chemical Name	Effect	Target Organ
16893-85-9	Disodium	Irritant	Eyes, Respiratory system.
	hexafluorosilicate		
		Systemic effects	central nervous system (CNS),
			Liver, Kidney.
		Toxic	Refer to LC50 / LD50 Data on
			MSDS

LC50 / LD50

This product contains the following components which, in their pure form, have the following toxicity data:

CAS-No.	Chemical Name	Route	Value	Species
16893-85-9	Disodium hexafluorosilicate	Oral LD50Oral LD50	125 mg/kg125 mg/kg	ratrat

12. ECOLOGICAL INFORMATION

Persistence and degradability

: no data available

Environmental Toxicity

: no data available



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Additional advice	
	: no data available
	13. DISPOSAL CONSIDERATIONS
Product	: Where possible recycling is preferred to disposal or incineration. The generator of waste material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.
Contaminated packaging	: Recycling is preferred when possible. The generator of waste material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.
	14. TRANSPORT INFORMATION
U.S. DOT Classification	: Refer to specific regulation.
ICAO/IATA	: Refer to specific regulation.
IMO/IMDG (maritime)	: Refer to specific regulation.
	15. REGULATORY INFORMATION
US Regulations:	
OSHA Status	: Classified as hazardous based on components.
TSCA Status	: All components of this product are listed on or exempt from the TSCA Inventory.
US. EPA CERCLA Hazardous	Substances (40 CFR 302)
not applicable	
California Proposition 65	: Not applicable
SARA Title III Section 302 E	stremely Hazardous Substance
Unless specific chemicals are	identified under this section, this product is Not Applicable under this regulat

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SARA Title III Section 313 Toxic Chemicals:	
Unless specific chemicals are identified under this section, this product is	Not Applicable under this regulation
Canadian Regulations:	
National Pollutant Release Inventory (NPRI)	
not applicable	

not applicable

WHMIS Classification : D1B

All components of this product are on the Canadian Domestic : Substances List (DSL) or are exempt.

National Inventories:

DSL

Australia AICS	: Listed
China IECS	: Listed
Europe EINECS	: Not determined
Japan ENCS	: Not determined
Korea KECI	: Listed
Philippines PICCS	: Listed

16. OTHER INFORMATION

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.