



# POLYONE CORPORATION

## MATERIAL SAFETY DATA SHEET

### AQUAMIX 165

Version Number 1.3  
Revision Date 03/13/2014

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#### 1. PRODUCT AND COMPANY IDENTIFICATION

**POLYONE CORPORATION**  
8155 Cobb Center Drive, Kennesaw, GA 30152

Telephone : 1 (440) 930-1000 or 1 (866) POLYONE  
Emergency telephone number : CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).  
Product name : AQUAMIX 165  
Product code : FO20004472  
Chemical Name : Mixture  
CAS-No. : Mixture  
Product Use : Industrial Applications

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No.	Weight percent
1,3-Diphenylguanidine	102-06-7	30 - 60

#### 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** : None known.  
**Aggravated by Exposure:**

**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 eye 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 : no data available  
Lower explosion limit : no data available  
Auto-ignition temperature : no data available  
Suitable extinguishing media : Carbon dioxide (CO<sub>2</sub>), Water, Foam, Dry chemical.

**Special Fire Fighting Procedures** : 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 water 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 (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), 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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Appearance	: liquid	Specific Gravity	: Acetate Not determined
Colour	: NO PIGMENT	Bulk density	: Not applicable
Odour	: slight	Vapour pressure	: Not established
Melting point/range	: not applicable	Vapour density	: Heavier than air.
Boiling Point:	: Not established	pH	: Not determined
Water solubility	: completely miscible		

**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 (CO <sub>2</sub> ), carbon monoxide (CO), oxides of nitrogen (NO <sub>x</sub> ), 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
102-06-7	1,3-Diphenylguanidine	Systemic effects	Respiratory system.
		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
102-06-7	1,3-Diphenylguanidine	Oral LD50Oral LD50Oral LD50 Dermal LD50	323 mg/kg 375 mg/kg 150 mg/kg > 794 mg/kg	rat mouse rabbit

**12. ECOLOGICAL INFORMATION**

Persistence and degradability	: no data available
Environmental Toxicity	: no data available

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Bioaccumulation Potential : no data available  
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 : Not applicable  
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SARA Title III Section 302 Extremely Hazardous Substance

Unless specific chemicals are identified under this section, this product is Not Applicable under this regulation

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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)

Chemical Name	CAS-No.	Weight percent	NPRI ID#
Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-	9016-45-9	5.00 - 10.00	

WHMIS Classification : D1B

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

National Inventories:

Australia AICS : Listed

China IECS : Listed

Europe EINECS : Listed

Japan ENCS : Listed

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.