

MATERIAL SAFETY DATA SHEET

AQUAMIX 1093

Version Number 1.0 Page 1 of 6
Revision Date 01/10/2003 Print Date 11/7/2011

1. PRODUCT AND COMPANY IDENTIFICATION

POLYONE CORPORATION

2700 Papin Street, St. Louis, MO 63103

NON-EMERGENCY

TELEPHONE

Emergency telephone

Product Stewardship, (314) 771-1800

CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure

number

or accident).

Product name : AQUAMIX 1093
Product code : FO00002889
Chemical Name : Mixture
CAS-No. : Mixture

Product Use : Industrial Applications

2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Components	CAS-No.	Weight %
Calcium carbonate	1317-65-3	60 - 100

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/skin irritation.

Skin : Experience shows no unusual dermatitis hazard from routine handling.

Chronic exposure : Refer to Section 11 for Toxicological Information.

Medical Conditions

Aggravated by Exposure:

: None known.



MATERIAL SAFETY DATA SHEET

AQUAMIX 1093

 Version Number 1.0
 Page 2 of 6

 Revision Date 01/10/2003
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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 : Do not induce vomiting without medical advice. Never give anything

by mouth to an unconscious person. Seek medical attention if

necessary.

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. FIRE-FIGHTING MEASURES

Flash point : No data available.

Flammable Limits

Upper explosion limit : No data available.

Lower explosion limit : No data available.

Autoignition temperature : No data available.

Suitable extinguishing media : carbon dioxide (CO2), 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.

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 binder,

universal binder, sawdust). Sweep up and shovel into suitable

containers for disposal.

7. HANDLING AND STORAGE



MATERIAL SAFETY DATA SHEET

AQUAMIX 1093

Version Number 1.0 Page 3 of 6
Revision Date 01/10/2003 Print Date 11/7/2011

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. EXPOSURE 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)

Components	Value	Exposure time	Exposure type	List:
Calcium carbonate	10 mg/m3	Time Weighted Average (TWA):	Total dust.	ACGIH
Calcium carbonate	5 mg/m3	PEL:	Respirable dust.	OSHA Z1
	15 mg/m3	PEL:	Total dust.	OSHA Z1

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Liquid Evaporation rate : Slower than Butyl



MATERIAL SAFETY DATA SHEET

AQUAMIX 1093

Version Number 1.0 Page 4 of 6
Revision Date 01/10/2003 Print Date 11/7/2011

Acetate

: Not determined Appearance : Liquid Specific Gravity Color : NO PIGMENT Bulk density : Not applicable. : Not established Odor : Slight Vapor pressure : Not applicable Melting point/range Vapor density : Heavier than air. Boiling Point: : Not applicable pН : Not determined

Water solubility : Completely miscible

10. STABILITY AND REACTIVITY

Stability : Stable.

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
1317-65-3	Calcium carbonate	Irritant	Eyes, Skin.
		Systemic effects	Eyes, Skin, Respiratory system.

12. ECOLOGICAL INFORMATION

Persistence and degradability : No data available.

Environmental Toxicity : No data available.

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.



MATERIAL SAFETY DATA SHEET

AQUAMIX 1093

 Version Number 1.0
 Page 5 of 6

 Revision Date 01/10/2003
 Print Date 11/7/2011

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 : 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)

Chemical Name	CAS-No.	% in Product	RQ for component	RQ for Mixture/Product
Diethanolamine	111-42-2	0.0630	100 lbs	158,730 LB

California Proposition : WARNING! This product contains a chemical known to the State of

65 California to cause cancer.

SARA Title III Section 302 Extremely Hazardous Substance Not applicable

Canadian Regulations:

WHMIS Classification : D2A

DSL : DSL status has not been determined. Quantity use in Canada may be

restricted by regulations.

National Inventories:

Australia AICS : Not determined.



MATERIAL SAFETY DATA SHEET

AQUAMIX 1093

 Version Number 1.0
 Page 6 of 6

 Revision Date 01/10/2003
 Print Date 11/7/2011

China IECS : Listed.

Europe EINECS : Not determined.

Japan ENCS : Not determined.

Korea KECI : Not determined.

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.