

**1 PRODUCT AND COMPANY IDENTIFICATION****Functional Additives**

2000 Market Street  
21st Floor  
Philadelphia, PA 19103-3222

**EMERGENCY PHONE NUMBERS:**

Chemtrec: (800) 424-9300 (24hrs) or (703) 527-3887  
Medical: Rocky Mountain Poison Control Center  
(866) 767-5089 (24Hrs)

Information Telephone Numbers	Phone Number	Available Hrs
Customer Service Number	(800) 331-7654	8:00 AM - 5:00 PM EST

Product Name TEGOGLAS (R) RP44  
Product Synonym(s)

Chemical Family Aqueous Polyethylene Wax  
Chemical Formula NA  
Chemical Name NA  
EPA Reg Num NA  
Product Use

**2 COMPOSITION / INFORMATION ON INGREDIENTS**

Ingredient Name	CAS RegistryNumber	Typical %	OSHA
Aqueous Polyethylene Wax Emulsion	Proprietary	>99	Y

The substance(s) marked with a "Y" in the OSHA column, are identified as hazardous chemicals according to the criteria of the OSHA Hazard Communication Standard (29 CFR 1910.1200)

This material is classified as hazardous under Federal OSHA regulation.

The components of this product are all on the TSCA Inventory list.

**3 HAZARDS IDENTIFICATION****Emergency Overview**

Yellowish liquid with weak odor.

**WARNING!**

MAY CAUSE EYE AND SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION.

**Potential Health Effects**

Inhalation and skin contact are expected to be the primary routes of occupational exposure to this material. Based on its composition, it is anticipated to be moderately irritating to eyes and skin. Repeated exposure may cause an allergic skin reaction.

**4 FIRST AID MEASURES**

IN CASE OF CONTACT, flush the area with plenty of water. Remove contaminated clothing and shoes.  
Wash clothing before reuse. Get medical attention if irritation develops and persists.

**4 FIRST AID MEASURES**

IF INHALED, remove to fresh air.

IF SWALLOWED, do NOT induce vomiting. Give water to drink. Get medical attention immediately. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

**5 FIRE FIGHTING MEASURES****Fire and Explosive Properties**

Auto-Ignition Temperature	NE	
Flash Point	NE	Flash Point Method
Flammable Limits- Upper	NE	
Lower	NE	

**Extinguishing Media**

Use water spray, carbon dioxide, foam or dry chemical.

**Fire Fighting Instructions**

Contain run-off from fire. Fire fighters and others who may be exposed to products of combustion should wear full fire fighting turn out gear (full Bunker Gear) and self-contained breathing apparatus (pressure demand NIOSH approved or equivalent). Fire fighting equipment should be thoroughly decontaminated after use.

**Fire and Explosion Hazards**

When burned, the following hazardous products of combustion can occur:  
Oxides of carbon

**6 ACCIDENTAL RELEASE MEASURES****In Case of Spill or Leak**

Isolate hazard area and deny entry to unnecessary or unprotected personnel. Contain spilled liquid with sand or earth. Clean up spill immediately, observing precautions in the Personal Protection section of MSDS. Avoid runoff into storm sewers and ditches which lead to waterways.

**7 HANDLING AND STORAGE****Handling**

Avoid contact with eyes, skin and clothing. Do not taste or swallow.

Keep container closed.

Emptied container retains vapor and product residue. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.

**Storage**

Keep from freezing; material may separate.

This material is not hazardous under normal storage conditions; however, material should be stored in closed containers, in a secure area to prevent container damage and subsequent spillage.

**8 EXPOSURE CONTROLS / PERSONAL PROTECTION****Engineering Controls**

Investigate engineering techniques to reduce exposures. Provide ventilation if necessary to minimize exposures. If practical, use local mechanical exhaust ventilation at sources of air contamination such as open process equipment.

**Eye / Face Protection**

Where there is potential for eye contact, wear chemical goggles and have eye flushing equipment available.

**Skin Protection**

Wear appropriate chemical resistant protective clothing and chemical resistant gloves to prevent skin contact. Consult glove manufacturer to determine appropriate type glove material for given application. Wear face shield and chemical resistant clothing such as a rubber apron when splashing may occur. Rinse contaminated skin promptly. Wash contaminated clothing and clean protective equipment before reuse. Wash skin thoroughly after handling.

**Respiratory Protection**

Where airborne exposure is likely, use NIOSH approved respiratory protection equipment appropriate to the material and/or its components. If exposures cannot be kept at a minimum with engineering controls, consult respirator manufacturer to determine appropriate type equipment for a given application. Observe respirator use limitations specified by NIOSH or the manufacturer. For emergency and other conditions where there may be a potential for significant exposure, use an approved full face positive-pressure, self-contained breathing apparatus or positive-pressure airline with auxiliary self-contained air supply. Respiratory protection programs must comply with 29 CFR § 1910.134.

**Airborne Exposure Guidelines for Ingredients**

The components of this product have no established Airborne Exposure Guidelines

- Only those components with exposure limits are printed in this section.
- Skin contact limits designated with a "Y" above have skin contact effect. Air sampling alone is insufficient to accurately quantitate exposure. Measures to prevent significant cutaneous absorption may be required.
- ACGIH Sensitizer designator with a value of "Y" above means that exposure to this material may cause allergic reactions.
- WEEL-AIHA Sensitizer designator with a value of "Y" above means that exposure to this material may cause allergic skin reactions.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

Appearance/Odor	Yellowish liquid with weak odor.
pH	9.0
Specific Gravity	1.0
Vapor Pressure	NE
Vapor Density	More than air
Melting Point	NA
Freezing Point	NE
Boiling Point	100 C
Solubility In Water	
Viscosity	< 50 mPa (20C)

**10 STABILITY AND REACTIVITY****Stability**

This material is chemically stable under normal and anticipated storage and handling conditions.

**Hazardous Polymerization**

Does not occur.

**Incompatibility**

None known

**Hazardous Decomposition Products**

None known

**11 TOXICOLOGICAL INFORMATION****Toxicological Information**

Data on this material and/or its components are summarized below.

Polyethylene wax emulsion

Single exposure (acute) studies indicate that this material is moderately irritating to rabbit skin and severely irritating to eyes.

An allergic skin reaction may occur following repeated skin exposure. Inflammatory changes in the lungs of rabbits was observed in skin tests with a similar material.

**12 ECOLOGICAL INFORMATION****Ecotoxicological Information**

Data on this material and/or its components are summarized below.

Polyethylene wax emulsion

This material is moderately toxic to *Daphnia magna* (48-hr LC50 1.5-1.7 mg/l) and fathead minnow (96-hr LC50 3.1-3.8 mg/l). It is practically non-toxic to bacteria (LC50 >2,500 mg/l).

**Chemical Fate Information**

No data are available.

**13 DISPOSAL CONSIDERATIONS****Waste Disposal**

Incineration is the recommended method for disposal observing all local, state and federal regulations.

**14 TRANSPORT INFORMATION**

DOT Name Not regulated  
DOT Technical Name  
DOT Hazard Class  
UN Number  
DOT Packing Group PG  
RQ

**15 REGULATORY INFORMATION****Hazard Categories Under Criteria of SARA Title III Rules (40 CFR Part 370)**

Immediate (Acute) Health	Y	Fire	N
Delayed (Chronic) Health	N	Reactive	N
		Sudden Release of Pressure	N

The components of this product are all on the TSCA Inventory list.

**Ingredient Related Regulatory Information:****SARA Reportable Quantities**

CERCLA RQ

SARA TPQ

Aqueous Polyethylene Wax Emulsion

NE

**16 OTHER INFORMATION****Revision Information**

Revision Date 02 JAN 2007 Revision Number 2  
Supersedes Revision Dated 12-MAY-2006

**Revision Summary**

The name of this business group has changed to Functional Additives.

**Key**

NE= Not Established NA= Not Applicable (R) = Registered Trademark

The specific identity of the polyethylene wax emulsion is withheld because it is trade secret information of Arkema Inc.

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