SAR-GEL® PASTE

1. PRODUCT AND COMPANY IDENTIFICATION

Company

Arkema Inc.
900 First Avenue
King of Prussia, Pennsylvania 19406

Sartomer

Customer Service Telephone Number: (800) SARTOMER
(Monday through Friday, 8:00 AM to 5:00 PM EST)

Emergency Information

Transportation: CHEMTREC: (800) 424-9300
(24 hrs., 7 days a week)
Medical: Rocky Mountain Poison Center: (866) 767-5089
(24 hrs., 7 days a week)

Product Information

Product name: SAR-GEL® PASTE
Synonyms: SAR-GEL® Water Indicating Paste
Molecular formula: Mixture
Chemical family: Mixture
Product use: Water detection in hydrocarbons

2. HAZARDS IDENTIFICATION

Emergency Overview

Color: white
Physical state: semi-solid
Form: paste
Odor: None.

***Classification of the substance or mixture:**
Skin irritation, Category 2, H315
Serious eye damage, Category 1, H318
Germ cell mutagenicity, Category 2, H341
Carcinogenicity, Category 1B, H350
Reproductive toxicity, Category 2, H361

*For the full text of the H-Statements mentioned in this Section, see Section 16.

GHS-Labelling

Hazard pictograms:

Signal word: **Danger**

Hazard statements:

H315 : Causes skin irritation.
H318 : Causes serious eye damage.
H341 : Suspected of causing genetic defects.
H350 : May cause cancer.
H361 : Suspected of damaging fertility or the unborn child.

Precautionary statements:

Prevention:
P201 : Obtain special instructions before use.
P202 : Do not handle until all safety precautions have been read and understood.
P264 : Wash skin thoroughly after handling.
P280 : Wear eye protection and face protection.
P280 : Wear protective gloves.
P281 : Use personal protective equipment as required.

Response:
P302 + P352 : IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313 : IF exposed or concerned: Get medical advice/ attention.
P310 : Immediately call a POISON CENTER/doctor.
P332 + P313 : If skin irritation occurs: Get medical advice/ attention.
P362 : Take off contaminated clothing and wash before reuse.

Storage:
P405 : Store locked up.

Disposal:
P501 : Dispose of contents or container to an approved waste disposal plant.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Wt/Wt	GHS Classification**
Poly[oxy(methyl-1,2-ethanediyl)], α-hydro-ω-hydroxy-,	25322-69-4	>= 30 - < 60 %	Not classified
Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-	25322-68-3	>= 30 - < 60 %	Not classified
Calcium oxide (CaO)	1305-78-8	>= 5 - < 10 %	H315, H318, H335
Silica, amorphous, fumed, cryst.-free	112945-52-5	>= 5 - < 10 %	Not classified
1(3H)-Isobenzofuranone, 3,3-bis(4-hydroxyphenyl)-	77-09-8	>= 1 - < 5 %	H315, H341, H350, H361f

**For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1. Description of necessary first-aid measures:

Inhalation:
If inhaled, remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Skin:
In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Eyes:
In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Ingestion:

If swallowed, DO NOT induce vomiting. Get medical attention immediately. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person.

4.2. Most important symptoms/effects, acute and delayed:

For most important symptoms and effects (acute and delayed), see Section 2 (Hazard Statements and Supplemental Information if applicable) and Section 11 (Toxicology Information) of this SDS.

4.3. Indication of immediate medical attention and special treatment needed, if necessary:

Unless otherwise noted in Notes to Physician, no specific treatment noted; treat symptomatically.

5. FIREFIGHTING MEASURES

Extinguishing media (suitable):
Water spray, Carbon dioxide (CO2), Foam, Dry chemical

Protective equipment:
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).

Further firefighting advice:
Fire fighting equipment should be thoroughly decontaminated after use.

Fire and explosion hazards:
When burned, the following hazardous products of combustion can occur:
Carbon oxides
Hazardous organic compounds

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, Emergency procedures, Methods and materials for containment/clean-up:
Prevent further leakage or spillage if you can do so without risk. Evacuate area of all unnecessary personnel. Ventilate the area. Avoid generation of vapors. Contain and collect spillage with non-combustible absorbent material such as clean sand, earth, diatomaceous earth or non-acidic clay and place into suitable properly labeled containers for prompt disposal. Sweep up and shovel into suitable properly labeled containers for prompt disposal. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits.

Protective equipment:
Appropriate personal protective equipment is set forth in Section 8.

7. HANDLING AND STORAGE

Handling

General information on handling:
Do not taste or swallow.
Do not get in eyes, on skin, or on clothing.
Do not breathe vapor or mist.
Keep container tightly closed.
Use only with adequate ventilation.
Wash thoroughly after handling.
Emptied container retains product residue.
Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.

Storage

General information on storage conditions:
Keep in a dry, cool place. Store in closed containers, in a secure area to prevent container damage and subsequent spillage.

Storage stability – Remarks:
Stable under recommended storage conditions.

Storage incompatibility – General:
Store separate from:
Strong acids
Strong alkalies
Strong oxidizing agents
Phosphorus pentoxide

Temperature tolerance – Do not store below:
32 °F (0 °C)

Temperature tolerance – Do not store above:
100 °F (38 °C)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Airborne Exposure Guidelines:

Poly[oxy(methyl-1,2-ethanediyl)], α-hydro-ω-hydroxy-, (25322-69-4)

US. OARS. WEELs Workplace Environmental Exposure Level Guide, as amended

Form:	Aerosol
Time weighted average	10 mg/m3

Form:	Aerosol
Remarks:	Listed

Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy- (25322-68-3)

US. OARS. WEELs Workplace Environmental Exposure Level Guide, as amended

Form:	Aerosol
Time weighted average	10 mg/m3
Form:	Aerosol
Remarks:	Listed

Calcium oxide (CaO) (1305-78-8)

US. ACGIH Threshold Limit Values

Time weighted average	2 mg/m3

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

PEL:	5 mg/m3

Silica, amorphous, fumed, cryst.-free (112945-52-5)

US. OSHA Table Z-3 (29 CFR 1910.1000)

Time weighted average	20millions of particles per cubic foot of air

US. OSHA Table Z-3 (29 CFR 1910.1000)

Time weighted average	0.8 mg/m3
Remarks:	The exposure limit is calculated from the equation, 80/(%SiO2), using a value of 100% SiO2. Lower values of % SiO2 will give higher exposure limits.

Only those components with exposure limits are printed in this section. Limits with skin contact designation above have skin contact effect. Air sampling alone is insufficient to accurately quantitate exposure. Measures to prevent significant cutaneous absorption may be required. Limits with a sensitizer designation above mean that exposure to this material may cause allergic reactions.

Engineering controls:
Investigate engineering techniques to reduce exposures below airborne exposure limits or to otherwise reduce exposures. Provide ventilation if necessary to minimize exposures or to control exposure levels to below airborne exposure limits (if applicable see above). If practical, use local mechanical exhaust ventilation at sources of air contamination such as open process equipment.

Respiratory protection:
Do not breathe vapor or mist. Where airborne exposure is likely or airborne exposure limits are exceeded (if applicable, see above), use NIOSH approved respiratory protection equipment appropriate to the material and/or its components. Full facepiece equipment is recommended and, if used, replaces need for face shield and/or chemical goggles. 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 or where exposure limit may be significantly exceeded, 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.

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. Rinse immediately if skin is contaminated. Wash contaminated clothing and clean protective equipment before reuse. Provide a safety shower at any location where skin contact can occur. Wash thoroughly after handling.

Eye protection:
Where there is potential for eye contact, wear a face shield, chemical goggles, and have eye flushing equipment immediately available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Color:	white
Physical state:	semi-solid
Form:	paste
Odor:	None.
Odor threshold:	No data available
Flash point	> 230 °F (110 °C) (Tag closed cup)
Auto-ignition temperature:	No data available.
Lower flammable limit (LFL):	No data available

Upper flammable limit (UFL):	No data available
pH:	~ 7
Density:	1.16 g/cm3 (77 °F (25 °C))
Specific Gravity (Relative density):	1.16 (77 °F(25 °C))Water=1 (liquid)
Boiling point/boiling range:	No data available
Melting point/range:	No data available
Freezing point:	No data available
Evaporation rate:	No data available
Solubility in water:	negligible
Viscosity, dynamic:	No data available.
Oil/water partition coefficient:	(No data available)
Thermal decomposition:	No data available
Flammability:	See GHS Classification in Section 2 if applicable

10. STABILITY AND REACTIVITY

Stability:
The product is stable under normal handling and storage conditions.

Hazardous reactions:
None under normal conditions of use.

Materials to avoid:
Phosphorus pentoxide
Strong acids
Strong alkalies
Strong oxidizing agents

Conditions / hazards to avoid:
Store away from moisture and heat to maintain the technical properties of the product.

Hazardous decomposition products:

Thermal decomposition giving flammable and toxic products :
Carbon oxides

Hazardous organic compounds

11. TOXICOLOGICAL INFORMATION

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

Data for Poly[oxy(methyl-1,2-ethanediyl)], α-hydro-ω-hydroxy-, (25322-69-4)

Acute toxicity

Oral:
Practically nontoxic. (rat) LD50 > 5,000 mg/kg.

Dermal:
No deaths occurred. (rabbit) LD0 > 3,000 mg/kg.

Inhalation:
No deaths occurred. (rat) 1 h LC0 > 0.17 mg/l.

Skin Irritation:
Not irritating. (rabbit)

Eye Irritation:
Not irritating. (rabbit)

Skin Sensitization:
Not a sensitizer. LLNA: Local Lymph Node Assay. (mouse) No skin allergy was observed.

Not a sensitizer. Buehler method. (guinea pig) No skin allergy was observed.

Repeated dose toxicity
Repeated oral administration to rat / No adverse systemic effects reported.

Genotoxicity

Assessment in Vitro:
No genetic changes were observed in laboratory tests using: bacteria, animal cells, human cells

Developmental toxicity
Reproductive/Developmental Effects Screening Assay. oral (rat) / No toxicity to reproduction.

Reproductive effects
Reproductive/Developmental Effects Screening Assay. oral (rat) / No toxicity to reproduction.

Other information
The information presented is from representative materials with this Chemical Abstract Service (CAS) Registry number. The results vary depending on the size and composition of the test substance.

Data for Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy- (25322-68-3)

Acute toxicity

Oral:
Practically nontoxic. (rat) LD50 > 2,000 mg/kg. signs: No specific toxic effects

Dermal:
Practically nontoxic. (rabbit) LD50 > 2,000 mg/kg. signs: No specific toxic effects

Inhalation:
No deaths occurred. (rat, mouse) 6 h LC0 = 2.5 mg/l. (dust/mist)

Skin Irritation:
Not irritating. (rabbit) Draize Test

Eye Irritation:
Causes mild eye irritation. (rabbit)

Skin Sensitization:
Not a sensitizer. Repeat Insult Patch Test (HRIPT). No skin allergy was observed.

Not a sensitizer. Guinea pig maximization test. (Guinea pig) No skin allergy was observed.

Repeated dose toxicity
Subchronic Inhalation administration to rabbit / No adverse systemic effects reported.

Chronic Oral administration to rat and dog / No adverse effects reported.

Genotoxicity

Assessment in Vitro:
No genetic changes were observed in laboratory tests using: bacteria, animal cells

Developmental toxicity
Exposure during pregnancy. oral, dermal (rabbit, rat) / No birth defects were observed.

Reproductive effects
Multiple generation reproduction test. oral (rat) / No toxicity to reproduction

Human experience
Skin contact:
Skin: rash. (subjects with dermatitis or eczema)

Skin: No skin allergy was observed. (studied using human volunteers)

Data for Calcium oxide (CaO) (1305-78-8)

Acute toxicity

Oral:
No deaths occurred. (rat) LD0 > 2,000 mg/kg.

Dermal:

No deaths occurred. (rabbit) LD0 > 2,500 mg/kg.

Inhalation:
Practically nontoxic. (rat) 4 h LC50 > 6.04 mg/l. (data for a similar material)

Specific target organ toxicity - single exposure:
May cause respiratory irritation.

Skin Irritation:
Causes mild skin irritation. (rabbit)

Eye Irritation:
Causes serious eye damage. (rabbit)

Skin Sensitization:
Not a sensitizer. LLNA: Local Lymph Node Assay. (mouse) No skin allergy was observed. (data for a similar material)

Repeated dose toxicity
Repeated oral, inhalation administration to rat / No adverse systemic effects reported. (data for a similar material)

Carcinogenicity
Chronic oral administration to rat / No increase in tumor incidence was reported. (data for a similar material)

Genotoxicity

Assessment in Vitro:
No genetic changes were observed in laboratory tests using: bacteria

No genetic changes were observed in a laboratory test using: animal cells, human cells, (data for a similar material)

Genotoxicity

Assessment in Vivo:
No genetic changes were observed in laboratory tests using: rats

Developmental toxicity
Exposure during pregnancy. Oral (rat and mouse) / No birth defects were observed.

Reproductive effects
Reproductive/Developmental Effects Screening Assay. oral (rat) / No toxicity to reproduction. / (data for a similar material)

Human experience
Inhalation:
Upper respiratory tract: Discomfort, coughing, irritation, perforation of the nasal septum. (extent of injury depends on severity of exposure)

Human experience
Skin contact:
Irritation, burning of skin. Irritant but not a sensitizer.

Human experience
Eye contact:
Severe irritation.

Data for Silica, amorphous, fumed, cryst.-free (112945-52-5)

Acute toxicity

Oral:
No deaths occurred. (rat) LD50 > 5,000 mg/kg.

Dermal:
Practically nontoxic. (rat) LD50 > 5,000 mg/kg.

Inhalation:
No deaths occurred. (rat) 4 h LC0 > 2.08 mg/l. (dust/mist)

Skin Irritation:
Not irritating. (rat) Irritation Index: 0-2 / 8. (4 h)

Eye Irritation:
Causes mild eye irritation. (rabbit) OECD Test Guideline 405

Repeated dose toxicity
Repeated dietary administration to rat / No adverse systemic effects reported.

Repeated inhalation administration to rat / affected organ(s): lung, lymph node / signs: inflammation / No adverse systemic effects reported. (Local effects, reversible)

Carcinogenicity
Chronic dietary administration to rat and mouse / affected organ(s): lung / No increase in tumor incidence was reported.
Classified by the International Agency for Research on Cancer as: Group 3: Unclassifiable as to carcinogenicity in humans.

Genotoxicity

Assessment in Vitro:
No genetic changes were observed in laboratory tests using: bacteria, animal cells, human cells, yeast

Genotoxicity

Assessment in Vivo:
No genetic changes were observed in a laboratory test using: rats

Developmental toxicity

Exposure during pregnancy. Oral (rat, rabbit, hamster, mouse) / No birth defects were observed.

Other information
Information given is based on data obtained from similar substances.

Human experience
Inhalation:
Respiratory system: No increase in tumor incidence was reported. No significant impairment of lung function. (based on reports of occupational exposure to workers)

Data for 1(3H)-Isobenzofuranone, 3,3-bis(4-hydroxyphenyl)- (77-09-8)

Acute toxicity

Skin Irritation:
Causes skin irritation. (In vitro)

Eye Irritation:
Causes mild eye irritation. (In vitro)

Skin Sensitization:
Not a sensitizer. LLNA: Local Lymph Node Assay. (mouse) No skin allergy was observed.

Repeated dose toxicity
Subchronic dietary administration to rat / No adverse systemic effects reported.

Carcinogenicity
Chronic dietary administration to rat / affected organ(s): kidney, adrenal gland / Increased incidence of tumors was reported.

Chronic dietary administration to mouse / affected organ(s): Thymus, ovaries / Increased incidence of tumors was reported.
Classified by the International Agency for Research on Cancer as: Group 2B: Possibly carcinogenic to humans.
Listed by the National Toxicology Program as: Reasonably anticipated to be a human carcinogen.

Genotoxicity

Assessment in Vitro:
No genetic changes were observed in laboratory tests using: bacteria

Genetic changes were observed in laboratory tests using: animal cells

Genotoxicity

Assessment in Vivo:
Genetic changes were observed in laboratory tests using: mice

Reproductive effects
Two generation reproduction study. dietary (mouse) / Effects on fertility / (toxic effects also observed in the parental animals at these doses, smaller litter sizes, testes, sperm)

12. ECOLOGICAL INFORMATION

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

Data for Poly[oxy(methyl-1,2-ethanediyl)], α-hydro-ω-hydroxy-, (25322-69-4)

Biodegradation:
Readily biodegradable. (28 d) biodegradation 86.6 %

Octanol Water Partition Coefficient:
log Pow: = 0.3 - 0.9, at 73 °F (23 °C)

Additional Information:
The information presented is from representative materials with this Chemical Abstract Service (CAS) Registry number. The results vary depending on the size and composition of the test substance.

Data for Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy- (25322-68-3)

Biodegradation:
Readily biodegradable. (28 d) biodegradation 74.9 % / OECD Test Guideline 301 D

Octanol Water Partition Coefficient:
log Pow: -0.698, at 86 °F (30 °C) pH = 6.44

Data for 1(3H)-Isobenzofuranone, 3,3-bis(4-hydroxyphenyl)- (77-09-8)

Biodegradation:
Readily biodegradable. (28 d) biodegradation 76 %

Octanol Water Partition Coefficient:
log Pow: = 0.9

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

Data for Poly[oxy(methyl-1,2-ethanediyl)], α-hydro-ω-hydroxy-, (25322-69-4)

The information presented is from representative materials with this Chemical Abstract Service (CAS) Registry number. The results vary depending on the size and composition of the test substance.

Aquatic toxicity data:
Practically nontoxic. Danio rerio (zebra fish) 96 h LC50 > 100 mg/l

Aquatic invertebrates:
Practically nontoxic. Daphnia magna (Water flea) 48 h EC50 = 106 mg/l

Algae:
Practically nontoxic. Desmodesmus subspicatus (green algae) 72 h EC50 > 100 mg/l

Microorganisms:
Respiration inhibition / Activated sludge 3 h EC50 > 1,000 mg/l

Chronic toxicity to aquatic invertebrates:
Practically nontoxic. Daphnia magna (Water flea) 21 d NOEC > 10 mg/l

Chronic toxicity to aquatic plants:
Practically nontoxic. Desmodesmus subspicatus (green algae) 72 h NOEC = 100 mg/l

Data for Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy- (25322-68-3)

Aquatic toxicity data:
Practically nontoxic. Poecilia reticulata (guppy) 24 h LC50 > 100 mg/l

Aquatic invertebrates:
Practically nontoxic. Daphnia magna (Water flea) 48 h EC50 > 100 mg/l

Data for Calcium oxide (CaO) (1305-78-8)

Aquatic toxicity data:
Harmful. Oncorhynchus mykiss (rainbow trout) 96 h LC50 = 50.6 mg/l

Aquatic invertebrates:
Harmful. Daphnia magna (Water flea) 48 h EC50 = 49.1 mg/l

Algae:
Practically nontoxic. Pseudokirchneriella subcapitata (green algae) 72 h EC50 = 184 mg/l

Chronic toxicity to aquatic plants:
Practically nontoxic. Pseudokirchneriella subcapitata (green algae) 72 h NOEC = 48 mg/l

Data for Silica, amorphous, fumed, cryst.-free (112945-52-5)

Aquatic toxicity data:
No effect up to the limit of solubility. Brachydanio rerio (zebrafish) 96 h LL50 > 10,000 mg/l (nominal concentrations reported)

Aquatic invertebrates:
No effect up to the limit of solubility. Daphnia (water flea) 24 h EL50 > 10,000 mg/l (nominal concentrations reported)

Data for 1(3H)-Isobenzofuranone, 3,3-bis(4-hydroxyphenyl)- (77-09-8)

Aquatic invertebrates:
No effect up to the limit of solubility. Daphnia magna (Water flea) 48 h EL50 > 100 mg/l (Nominal concentration)

Algae:
Toxic. Desmodesmus subspicatus (green algae) 72 h EC50 = 8.9 mg/l

Chronic toxicity to aquatic plants:
Practically nontoxic. Desmodesmus subspicatus (green algae) 72 h ErC10 = 1.9 mg/l

13. DISPOSAL CONSIDERATIONS

Waste disposal:
Disposal via incineration is recommended. Dispose of in accordance with federal, state and local regulations. Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits. Note: Chemical additions to, processing of, or otherwise altering this material may make this waste management information incomplete, inaccurate, or otherwise inappropriate. Furthermore, state and local waste disposal requirements may be more restrictive or otherwise different from federal laws and regulations.

14. TRANSPORT INFORMATION

US Department of Transportation (DOT): not regulated

International Maritime Dangerous Goods Code (IMDG): not regulated

15. REGULATORY INFORMATION

Chemical Inventory Status

US. Toxic Substances Control Act	TSCA	The components of this product are all on the TSCA Inventory.
Canadian Domestic Substances List (DSL)	DSL	This product contains one or several components listed in the Canadian NDSL list. All other components are on the DSL list.
China. Inventory of Existing Chemical Substances in China (IECSC)	IECSC (CN)	Conforms to
Japan. ENCS - Existing and New Chemical Substances Inventory	ENCS (JP)	Conforms to
Japan. ISHL - Inventory of Chemical Substances	ISHL (JP)	Conforms to
Korea. Korean Existing Chemicals Inventory (KECI)	KECI (KR)	Does not conform
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	PICCS (PH)	Does not conform
Australia Inventory of Chemical Substances (AICS)	AICS	Conforms to

United States – Federal Regulations

SARA Title III – Section 302 Extremely Hazardous Chemicals:
The components in this product are either not SARA Section 302 regulated or regulated but present in negligible concentrations.

SARA Title III - Section 311/312 Hazard Categories:
Acute Health Hazard, Chronic Health Hazard

SARA Title III – Section 313 Toxic Chemicals:
The following components are subject to reporting levels established by SARA Title III, Section 313:

Chemical name	CAS-No.	De minimis concentration	Reportable threshold:
1(3H)-Isobenzofuranone, 3,3-bis(4-hydroxyphenyl)-	77-09-8	0.1 %	10000 lbs (Otherwise used (non-manufacturing/processing)) 25000 lbs (Manufacturing and processing)

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) - Reportable Quantity (RQ):

The components in this product are either not CERCLA regulated, regulated but present in negligible concentrations, or regulated with no assigned reportable quantity.

United States – State Regulations

New Jersey Right to Know

Chemical name	CAS-No.
Calcium oxide (CaO)	1305-78-8
1(3H)-Isobenzofuranone, 3,3-bis(4-hydroxyphenyl)-	77-09-8

New Jersey Right to Know – Special Health Hazard Substance(s)

Chemical name	CAS-No.
Calcium oxide (CaO)	1305-78-8

1(3H)-Isobenzofuranone, 3,3-bis(4-hydroxyphenyl)-	77-09-8

Pennsylvania Right to Know

Chemical name	CAS-No.
Poly[oxy(methyl-1,2-ethanediyl)], α-hydro-ω-hydroxy-,	25322-69-4
Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-	25322-68-3
Calcium oxide (CaO)	1305-78-8
Silica, amorphous, fumed, cryst.-free	112945-52-5
1(3H)-Isobenzofuranone, 3,3-bis(4-hydroxyphenyl)-	77-09-8

California Prop. 65
WARNING! This product contains a chemical known to the State of California to cause cancer.

Chemical name	CAS-No.
1(3H)-Isobenzofuranone, 3,3-bis(4-hydroxyphenyl)-	77-09-8
Quartz (SiO2)	14808-60-7

16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H341	Suspected of causing genetic defects.
H350	May cause cancer.
H361	Suspected of damaging fertility or the unborn child.
H361f	Suspected of damaging fertility.

Latest Revision(s):

Reference number:	200003977
Date of Revision:	04/10/2020
Date Printed:	04/10/2020

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The statements, technical information and recommendations contained herein are believed to be accurate as of the date hereof. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, ARKEMA

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It is the sole responsibility of the manufacturer of the medical device to determine the suitability (including biocompatibility) of all raw materials, products and components, including any medical grade Arkema products, in order to ensure that the final end-use product is safe for its end use; performs or functions as intended; and complies with all applicable legal and regulatory requirements (FDA or other national drug agencies) It is the sole responsibility of the manufacturer of the medical device to conduct all necessary tests and inspections and to evaluate the medical device under actual end-use requirements and to adequately advise and warn purchasers, users, and/or learned intermediaries (such as physicians) of pertinent risks and fulfill any postmarket surveillance obligations. Any decision regarding the appropriateness of a particular Arkema material in a particular medical device should be based on the judgment of the manufacturer, seller, the competent authority, and the treating physician.