

Safety Data Sheet**Firestone Building Products Company****Section 1: Identification of the Substance/Mixture and of the Company/Undertaking****1.1 Product identifier**

Product Name • **CLAD-GARD™ SA-FR Underlayment with CoreGard™ Technology**

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified use(s) • Construction

1.3 Details of the supplier of the safety data sheet

Manufacturer • Firestone Building Products Company
200 4th Avenue S
Nashville, TN 37201-2208
United States

firestonemsds@bfdp.com

Telephone (General) • 800-428-4442

1.4 Emergency telephone number

Manufacturer • (800) 424-9300 - CHEMTREC

Manufacturer • (703) 527-3887 - CHEMTREC - International

Section 2: Hazards Identification**EU/EEC**

According to: Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]

According to: EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

2.1 Classification of the substance or mixture

CLP • Not classified

DSD/DPD • Not classified

2.2 Label Elements

CLP

Hazard statements • No label element(s) required

DSD/DPD

Risk phrases • No label element(s) required

2.3 Other Hazards

CLP • According to Regulation (EC) No. 1272/2008 (CLP) this material is not considered hazardous.

DSD/DPD • According to European Directive 1999/45/EC this preparation is not considered dangerous.

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

OSHA HCS 2012 • Not classified

2.2 Label elements

OSHA HCS 2012
Hazard statements • No label element(s) required

2.3 Other hazards

OSHA HCS 2012 • This product is not considered hazardous under the U.S. OSHA 29 CFR 1910.1200 Hazard Communication Standard.

Canada

According to: WHMIS

2.1 Classification of the substance or mixture

WHMIS • Not classified

2.2 Label elements

WHMIS • No label element(s) required.

2.3 Other hazards

WHMIS • In Canada, the product mentioned above is not considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

2.4 Other information

- The components and fiberglass are bound in an asphalt matrix, none of which is expected to be released from the final product.

Section 3 - Composition/Information on Ingredients

3.1 Substances

- Material does not meet the criteria of a substance in accordance with Regulation (EC) No 1272/2008.

3.2 Mixtures

Composition					
Chemical Name	Identifiers	%	LD50/LC50	Classifications According to Regulation/Directive	Comments
Asphalt	CAS:8052-42-4 EINECS:232-490-9	82.4%	Ingestion/Oral-Rat LD50 • >5000 mg/kg Inhalation-Rat LC50 • >94.4 mg/m ³	EU DSD/DPD: Self Classified: Carc. Cat. 3 R40 EU CLP: Self Classified: Carc. 2, H351 OSHA HCS 2012: Carc. 2	NDA

Section 4 - First Aid Measures

4.1 Description of first aid measures

Inhalation

- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If signs/symptoms develop, move person to fresh air.

- Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.
- Skin**
- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. Wash skin with soap and water. If signs/symptoms develop, get medical attention.
- Eye**
- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If contact with material occurs flush eyes with water. If signs/symptoms develop, get medical attention.
- Ingestion**
- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If signs/symptoms develop, get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

4.3 Indication of any immediate medical attention and special treatment needed

- Notes to Physician**
- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5 - Firefighting Measures

5.1 Extinguishing media

- Suitable Extinguishing Media**
- Use fire extinguishing media as appropriate for surrounding conditions.

- Unsuitable Extinguishing Media**
- None known.

5.2 Special hazards arising from the substance or mixture

- Unusual Fire and Explosion Hazards**
- No data available

- Hazardous Combustion Products**
- No data available.

5.3 Advice for firefighters

- Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Structural firefighters' protective clothing will only provide limited protection.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

- Personal Precautions**
- No special precautions expected to be necessary if material is used under ordinary conditions and as recommended.

- Emergency Procedures**
- No emergency procedures are expected to be necessary if material is used under ordinary conditions as recommended. Use normal clean up procedures.

6.2 Environmental precautions

- No special precautions necessary.

6.3 Methods and material for containment and cleaning up

- Containment/Clean-up Measures**
- Pick up pieces and place in container or bag for disposal.

6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Section 7 - Handling and Storage

7.1 Precautions for safe handling

Handling

- Use good safety and industrial hygiene practices. Wear appropriate personal protective equipment.

7.2 Conditions for safe storage, including any incompatibilities

Storage

- Keep away from heat, sparks and flame. Store in a well-ventilated place.

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits/Guidelines						
	Result	ACGIH	Belgium	Canada Alberta	Canada British Columbia	Canada Manitoba
Asphalt (8052-42-4)	TWAs	0.5 mg/m ³ TWA (fume, inhalable fraction, as benzene soluble aerosol)	5 mg/m ³ TWA (fume)	5 mg/m ³ TWA (Petroleum; Bitumen, fume)	0.5 mg/m ³ TWA (inhalable fume, as Benzene-soluble aerosol)	0.5 mg/m ³ TWA (fume, inhalable fraction, as Benzene soluble aerosol)
Exposure Limits/Guidelines (Con't.)						
	Result	Canada New Brunswick	Canada Northwest Territories	Canada Nova Scotia	Canada Nunavut	Canada Ontario
Asphalt (8052-42-4)	TWAs	5 mg/m ³ TWA (petroleum fumes)	5 mg/m ³ TWA (Petroleum fumes)	0.5 mg/m ³ TWA (fume, inhalable fraction, as Benzene soluble aerosol)	5 mg/m ³ TWA (Petroleum fumes)	0.5 mg/m ³ TWA (fume, inhalable, as Benzene-soluble aerosol)
	STELs	Not established	10 mg/m ³ STEL (Petroleum fumes)	Not established	10 mg/m ³ STEL (Petroleum fumes)	Not established
Exposure Limits/Guidelines (Con't.)						
	Result	Canada Quebec	Canada Saskatchewan	Canada Yukon	Denmark	NIOSH
Asphalt (8052-42-4)	TWAs	5 mg/m ³ TWAEV (fume)	0.5 mg/m ³ TWA (fume and inhalable fraction, as Benzene soluble aerosol)	5 mg/m ³ TWA (fume)	1 mg/m ³ TWA (Cyclohexane fraction of total dust, fume)	Not established
	STELs	Not established	Not established	10 mg/m ³ STEL (fume)	Not established	Not established
	Ceilings	Not established	Not established	Not established	Not established	5 mg/m ³ Ceiling (fume, 15 min)

Exposure Control Notations

Germany DFG

• Asphalt (8052-42-4): **Carcinogens:** (Category 2 (considered to be carcinogenic for man, aerosol and vapour)) | **Skin:** (skin notation (aerosol and vapour))

8.2 Exposure controls

Engineering Measures/Controls

- This material is designed to be used outdoors, in roofing applications. Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Personal Protective Equipment

- Respiratory**
- Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.
- Eye/Face**
- Wear appropriate eye/face protection for the job/activity.
- Skin/Body**
- Wear appropriate gloves for the job/activity.
- Environmental Exposure Controls**
- Dispose of waste product in accordance with national and local laws and regulations.

Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene

STEL = Short Term Exposure Limits are based on 15-minute exposures.

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

Section 9 - Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Material Description			
Physical Form	Solid	Appearance/Description	Black mat with film surface with an asphalt odor.
Color	Black	Odor	Asphalt odor.
Odor Threshold	Data lacking		
General Properties			
Boiling Point	Data lacking	Melting Point/Freezing Point	Data lacking
Decomposition Temperature	Data lacking	pH	Data lacking
Specific Gravity/Relative Density	Data lacking	Water Solubility	Insoluble
Viscosity	Data lacking	Explosive Properties	Data lacking
Oxidizing Properties:	Data lacking		
Volatility			
Vapor Pressure	Data lacking	Vapor Density	Data lacking
Evaporation Rate	Data lacking		
Flammability			
Flash Point	Not relevant	UEL	Not relevant
LEL	Not relevant	Autoignition	Not relevant
Environmental			
Octanol/Water Partition coefficient	Data lacking		

9.2 Other Information

- No additional physical and chemical parameters noted.

Section 10: Stability and Reactivity

10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

- Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

10.4 Conditions to avoid

- Keep away from heat, sparks, and flame.

10.5 Incompatible materials

- No data available.

10.6 Hazardous decomposition products

- No data available

Section 11 - Toxicological Information

11.1 Information on toxicological effects

Components		
Asphalt (82.4%)	8052- 42-4	Acute Toxicity: Ingestion/Oral-Rat LD50 • >5000 mg/kg; <i>Gastrointestinal:Hypermotility, diarrhea;</i> Mutagen: DNA adduct • Skin-Mouse • 600 mg/kg; Tumorigen / Carcinogen: Skin-Mouse TDLo • 130 g/kg 81 Week(s)-Intermittent; <i>Tumorigenic:Carcinogenic by RTECS criteria; Lungs, Thorax, or Respiration:Tumors; Skin and Appendages:Other:Tumors</i>

GHS Properties	Classification
Acute toxicity	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Skin corrosion/Irritation	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Serious eye damage/Irritation	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Skin sensitization	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Respiratory sensitization	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Aspiration Hazard	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Carcinogenicity	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Germ Cell Mutagenicity	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Toxicity for Reproduction	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
STOT-SE	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
STOT-RE	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking

Route(s) of entry/exposure • Inhalation, Skin, Eye, Ingestion

Potential Health Effects

Inhalation

Acute (Immediate)

- Under normal conditions of use, no health effects are expected.

Chronic (Delayed)

- Under normal conditions of use, no health effects are expected.

Skin

Acute (Immediate) • Under normal conditions of use, no health effects are expected.

Chronic (Delayed) • Under normal conditions of use, no health effects are expected.

Eye

Acute (Immediate) • Under normal conditions of use, no health effects are expected.

Chronic (Delayed) • Under normal conditions of use, no health effects are expected.

Ingestion

Acute (Immediate) • Although swallowing this product is an unlikely means of exposure, irritation of the mouth, pharynx, esophagus and stomach can develop following ingestion.

Chronic (Delayed) • Under normal conditions of use, no health effects are expected.

Carcinogenic Effects • Based upon the newly published IARC classifications for bitumen/asphalt fumes, it has been determined that the IARC carcinogen designation does not apply to this material as it does not contain material identified by IARC.

Carcinogenic Effects		
	CAS	IARC
Asphalt	8052-42-4	Group 2B-Possible Carcinogen

Section 12 - Ecological Information

12.1 Toxicity

- Material data lacking.

12.2 Persistence and degradability

- Material data lacking.

12.3 Bioaccumulative potential

- Material data lacking.

12.4 Mobility in Soil

- Material data lacking.

12.5 Results of PBT and vPvB assessment

- PBT and vPvB assessment has not been carried out.

12.6 Other adverse effects

- No studies have been found.

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Product waste • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	NDA	Not Regulated	NDA	NDA	NDA

TDG	NDA	Not Regulated	NDA	NDA	NDA
IMO/IMDG	NDA	Not Regulated	NDA	NDA	NDA
ADN	NDA	Not Regulated	NDA	NDA	NDA
ADR/RID	NDA	Not Regulated	NDA	NDA	NDA
IATA/ICAO	NDA	Not Regulated	NDA	NDA	NDA

14.6 Special precautions for user • None known.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code • Not relevant.

Section 15 - Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications • None

State Right To Know				
Component	CAS	MA	NJ	PA
Asphalt	8052-42-4	Yes	Yes	Yes
Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	No	No	No
Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	No	No	No
Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	No	No	No
Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	No	No	No
Sulfuric acid, compd. with graphite	12777-87-6	No	No	No

Inventory						
Component	CAS	Canada DSL	Canada NDSL	EU EINECS	EU ELNICS	TSCA
Asphalt	8052-42-4	Yes	No	Yes	No	Yes
Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-	6683-19-8	Yes	No	Yes	No	Yes

hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester						
Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	No	No	No	No	No
Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Yes	No	Yes	No	Yes
Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Yes	No	No	No	Yes
Sulfuric acid, compd. with graphite	12777-87-6	No	Yes	Yes	No	Yes

Belgium

Labor

Belgium - Substances and Preparations - Carcinogens and Mutagens

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

Bulgaria

Environment

Bulgaria - Air Quality - Maximum Admissible Hazardous Contaminant Levels - 24 Hour

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

Bulgaria - Air Quality - Maximum Admissible Hazardous Contaminant Levels - 30 Minute

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

Bulgaria - Air Quality - Maximum Admissible Hazardous Contaminant Levels - Annual

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed

• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

Canada

Labor

Canada - WHMIS - Classifications of Substances

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Uncontrolled product according to WHMIS classification criteria
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Uncontrolled product according to WHMIS classification criteria
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

Canada - WHMIS - Ingredient Disclosure List

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

Environment

Canada - CEPA - Priority Substances List

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

Denmark

Environment

Denmark - List of Undesirable Substances - Product Groups/Function

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

Europe

Other

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed

• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1''-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1''-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1''-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
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• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

Germany**Labor****Germany - Immission Control - Qualifying Quantities for Major Accident Prevention**

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
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• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1''-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

Germany - Immission Control - Qualifying Quantities for Safety Reporting

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed

• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

Germany - TRGS 505 - Specific Lead Regulations

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

Germany - TRGS 511 - Specific Ammonium Nitrate Regulations

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

Environment**Germany - TA Luft - Types and Classes**

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

Germany - TA Luft - Emission Limits for Carcinogenic Substances

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

Germany - TA Luft - Emission Limits for Fibers

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

Germany - TA Luft - Emission Limits for Inorganic Dusts

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed

• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed
Germany - TA Luft - Emission Limits for Inorganic Gases		
• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed
Germany - TA Luft - Emission Limits for Organic Substances		
• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed
Germany - Water Classification (VwVwS) - Annex 1		
• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	ID Number 326, not considered hazardous to water
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed
Germany - Water Classification (VwVwS) - Annex 2 - Water Hazard Classes		
• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed
Germany - Water Classification (VwVwS) - Annex 3		
• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	ID Number 5103, not considered hazardous to water
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	ID Number 5104, not considered hazardous to water
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

United States

Labor**U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals**

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

U.S. - OSHA - Specifically Regulated Chemicals

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

Environment**U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants**

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

United States - California**Environment****U.S. - California - Proposition 65 - Carcinogens List**

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

U.S. - California - Proposition 65 - Developmental Toxicity

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Female

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Male

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

United States - Pennsylvania**Labor****U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List**

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances

• Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis((3-(3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropoxy)methyl)-1,3-propanediyl ester	6683-19-8	Not Listed
• Styrene polymer with 1,3-butadiene (Kraton)	9003-55-8	Not Listed
• Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1',1"-phosphite	31570-04-4	Not Listed
• Asphalt	8052-42-4	Not Listed
• Colemanite Di-calcium Hexaborate Pentahydrate	12291-65-5	Not Listed
• Sulfuric acid, compd. with graphite	12777-87-6	Not Listed

15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

Section 16 - Other Information

Revision Date

- 16/January/2018

Preparation Date

- 27/August/2014

Other Information

- Changes to this revision: Updated mailing address.

Disclaimer/Statement of Liability

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Key to abbreviations

NDA = No Data Available