

## 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** • **AC Catalyst Powder**

## 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 2015/830]

## 2.1 Classification of the substance or mixture

**CLP**

- Organic Peroxides D - H242
- Skin Sensitization 1 - H317
- Eye Irritation 2 - H319
- Reproductive Toxicity 2 - H361
- Hazardous to the aquatic environment Acute 1 - H400
- Hazardous to the aquatic environment Chronic 3 - H412

## 2.2 Label Elements

**CLP**

**DANGER**

**Hazard statements** • H242 - Heating may cause a fire  
 H317 - May cause an allergic skin reaction  
 H319 - Causes serious eye irritation  
 H361 - Suspected of damaging fertility or the unborn child.  
 H400 - Very toxic to aquatic life  
 H412 - Harmful to aquatic life with long lasting effects

**Precautionary statements**

- Prevention** • P201 - Obtain special instructions before use.  
 P202 - Do not handle until all safety precautions have been read and understood.  
 P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P220 - Keep/Store away from clothing and other combustible materials.  
 P234 - Keep only in original container.  
 P261 - Avoid breathing dust.  
 P264 - Wash thoroughly after handling.  
 P272 - Contaminated work clothing should not be allowed out of the workplace.  
 P273 - Avoid release to the environment.  
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- Response** • P302+P352 - IF ON SKIN: Wash with plenty of water.  
 P321 - Specific treatment, see supplemental first aid information.  
 P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
 P362+P364 - Take off contaminated clothing and wash it before reuse.  
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337+P313 - If eye irritation persists: Get medical advice/attention.  
 P308+P313 - IF exposed or concerned: Get medical advice/attention.  
 P391 - Collect spillage.
- Storage/Disposal** • P410 - Protect from sunlight.  
 P411+P235 - Store at temperatures not exceeding the specified temperature . Keep cool.  
 P420 - Store away from other materials.  
 P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

## 2.3 Other Hazards

- CLP**
- According to Regulation (EC) No. 1272/2008 (CLP) this material is considered hazardous.

## United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

### 2.1 Classification of the substance or mixture

- OSHA HCS 2012**
- Organic Peroxides D
  - Skin Sensitization 1
  - Eye Irritation 2
  - Reproductive Toxicity 2

### 2.2 Label elements

**OSHA HCS 2012**

#### DANGER



- Hazard statements** • Heating may cause a fire  
 May cause an allergic skin reaction  
 Causes serious eye irritation  
 Suspected of damaging fertility or the unborn child.

#### Precautionary statements

- Prevention** • Obtain special instructions before use.  
 Do not handle until all safety precautions have been read and understood.  
 Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking.  
 Keep/Store away from clothing and other combustible materials.  
 Keep only in original container.  
 Avoid breathing dust.  
 Wash thoroughly after handling.

Contaminated work clothing should not be allowed out of the workplace.  
Wear protective gloves/protective clothing/eye protection/face protection.

- Response** • If on skin: Wash with plenty of water.  
Specific treatment, see supplemental first aid information.  
If skin irritation or rash occurs: Get medical advice/attention.  
Wash contaminated clothing before reuse.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.  
IF exposed or concerned: Get medical advice/attention.
- Storage/Disposal** • Protect from sunlight.  
Store at temperatures not exceeding the specified temperature . Keep cool.  
Store away from other materials.  
Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

## 2.3 Other hazards

### OSHA HCS 2012

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

## Canada

According to: WHMIS 2015

## 2.1 Classification of the substance or mixture

### WHMIS 2015

- Organic Peroxides D
- Skin Sensitization 1
- Eye Irritation 2
- Reproductive Toxicity 2

## 2.2 Label elements

### WHMIS 2015

### DANGER



- Hazard statements** • Heating may cause a fire  
May cause an allergic skin reaction  
Causes serious eye irritation  
Suspected of damaging fertility or the unborn child.

### Precautionary statements

- Prevention** • Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.  
No smoking.  
Keep only in original packaging.  
Ground and bond container and receiving equipment.  
Avoid breathing dust.  
Wash thoroughly after handling.  
Contaminated work clothing should not be allowed out of the workplace.  
Wear protective gloves/protective clothing/eye protection/face protection.

- Response** • In case of fire: Use to extinguish.  
IF ON SKIN: Wash with plenty of water.  
Specific treatment, see supplemental first aid information.  
Take off contaminated clothing and wash it before reuse.  
If skin irritation or rash occurs: Get medical advice/attention.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.  
 IF exposed or concerned: Get medical advice/attention.

- Storage/Disposal**
- Keep cool.
  - Store in a well-ventilated place.
  - Store locked up.
  - Protect from sunlight.
  - Store separately.
  - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

## 2.3 Other hazards

### WHMIS 2015

- In Canada, the product mentioned above is considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

## Section 3 - Composition/Information on Ingredients

### 3.1 Substances

- Material does not meet the criteria of a substance.

### 3.2 Mixtures

Composition					
Chemical Name	Identifiers	%	LD50/LC50	Classifications According to Regulation/Directive	Comments
Dicyclohexyl phthalate	CAS:84-61-7 EINECS:201-545-9	30% TO 60%	Ingestion/Oral-Rat LD50 • 30 mL/kg	EU CLP: Repr. 2, H361; Skin Sens. 1, H317; Aquatic Chronic 3, H412 OSHA HCS 2012: Not Classified WHMIS 2015: Not Classified	NDA
Dibenzoyl peroxide	CAS:94-36-0 EC Number:202-327-6 EU Index:617-008-00-0	30% TO 60%	Ingestion/Oral-Rat LD50 • 6400 mg/kg	EU CLP: Annex VI, Table 3.1: Org. Perox. B, H241; Eye Irrit. 2, H319; Skin Sens. 1, H317; Aquatic Acute 1, H400 OSHA HCS 2012: Org. Perox. A; Skin Sens. 1; Skin Irrit. 2; Eye Irrit. 2 WHMIS 2015: Org. Perox. A; Skin Irrit. 2; Skin Sens. 1; Eye Irrit. 2	NDA

Specific chemical identities and/or percentages of composition are being withheld as trade secrets.

See Section 16 for full text of H-statements.

## Section 4 - First Aid Measures

### 4.1 Description of first aid measures

#### Inhalation

- Move victim to fresh air. Give artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult.

#### Skin

- Wash skin with soap and water.

#### Eye

- In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If eye irritation persists: Get medical advice/attention.

#### Ingestion

- Rinse mouth. Do not give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

### 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** • CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Unsuitable Extinguishing Media** • Water with full jet.

### 5.2 Special hazards arising from the substance or mixture

**Unusual Fire and Explosion Hazards** • Containers may explode when heated or if contaminated with water. May ignite combustibles (wood, paper, oil, clothing, etc.) May be ignited by heat, sparks or flames. May burn rapidly with flare-burning effect. Runoff may create fire or explosion hazard.

**Hazardous Combustion Products** • Fire may produce irritating, corrosive and/or toxic gases.

### 5.3 Advice for firefighters

- Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection.
- LARGE FIRES:** Do not move cargo or vehicle if cargo has been exposed to heat. Move containers from fire area if you can do it without risk.
- FIRE INVOLVING TANKS AND CAR/TRAILER LOADS:** Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Cool fire exposed containers with water.
- FIRE INVOLVING TANKS:** ALWAYS stay away from tanks engulfed in fire.
- FIRE INVOLVING TANKS OR CAR/TRAILER LOADS:** For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn.

## Section 6 - Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

**Personal Precautions** • Ventilate enclosed areas. Do not walk through spilled material. Wear appropriate personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

**Emergency Procedures** • **ELIMINATE** all ignition sources (no smoking, flares, sparks or flames in immediate area). As an immediate precautionary measure, isolate spill or leak area for at least 25 meters (75 feet) in all directions. Keep unauthorized personnel away. Stay upwind. Keep out of low areas.

### 6.2 Environmental precautions

- Prevent entry into waterways, sewers, basements or confined areas.

### 6.3 Methods and material for containment and cleaning up

**Containment/Clean-up Measures** • Avoid generating dust.  
**SMALL DRY SPILLS:** With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.  
**LARGE SPILLS:** Cover powder spill with plastic sheet or tarp to minimize spreading. Do not flush with water or aqueous cleansing agents.

### 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 only with adequate ventilation. Keep away from heat, sparks, and flame. Wear appropriate personal protective equipment, avoid direct contact. Avoid breathing dust. Avoid contact with skin, eyes, and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

**7.2 Conditions for safe storage, including any incompatibilities****Storage**

- Keep container tightly closed. Store in a cool, dry, well-ventilated place. Do not store together with oxidising and acidic materials as well as heavy-metal compounds. Store away from foodstuffs. Protect from frost.

**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
Dibenzoyl peroxide (94-36-0)	TWAs	5 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> TWA
Exposure Limits/Guidelines (Con't.)						
	Result	Canada New Brunswick	Canada Northwest Territories	Canada Nova Scotia	Canada Nunavut	Canada Ontario
Dibenzoyl peroxide (94-36-0)	TWAs	5 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> TWA
	STELs	Not established	10 mg/m <sup>3</sup> STEL	Not established	10 mg/m <sup>3</sup> STEL	Not established
Exposure Limits/Guidelines (Con't.)						
	Result	Canada Quebec	Canada Saskatchewan	Canada Yukon	Denmark	Germany DFG
Dicyclohexyl phthalate (84-61-7)	TWAs	Not established	Not established	Not established	3 mg/m <sup>3</sup> TWA	Not established
Dibenzoyl peroxide (94-36-0)	TWAs	5 mg/m <sup>3</sup> TWAEV	5 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> TWA	Not established
	STELs	Not established	Not established	5 mg/m <sup>3</sup> STEL	Not established	Not established
	Ceilings	Not established	Not established	Not established	Not established	5 mg/m <sup>3</sup> Peak (inhalable fraction)
	MAKs	Not established	Not established	Not established	Not established	5 mg/m <sup>3</sup> TWA MAK (inhalable fraction)
Exposure Limits/Guidelines (Con't.)						
	Result	Germany TRGS	NIOSH	OSHA		
Dibenzoyl peroxide (94-36-0)	TWAs	5 mg/m <sup>3</sup> TWA AGW (inhalable fraction, exposure factor 1)	5 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> TWA		

**Exposure Control Notations****ACGIH**

- Dibenzoyl peroxide (94-36-0): **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen)

**Exposure Limits Supplemental****ACGIH**

•Dibenzoyl peroxide (94-36-0): **TLV Basis - Critical Effects:** (skin and upper respiratory tract irritation)

**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 certified respirator if exposure limits are exceeded or symptoms are experienced.

**Eye/Face**

- Wear safety goggles.

**Skin/Body**

- Wear appropriate gloves. Wear long sleeves and/or protective coveralls.

**Environmental Exposure Controls**

- In case of spills, keep product clear of sewers, waterways or land areas. Dispose of waste product in accordance with national and local laws and regulations.

**Key to abbreviations**

ACGIH = American Conference of Governmental Industrial Hygiene

OSHA = Occupational Safety and Health Administration

MAK = Maximale Arbeitsplatz Konzentration is the maximum permissible concentration

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

NIOSH = National Institute of Occupational Safety and Health

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**

<b>Material Description</b>			
Physical Form	Solid	Appearance/Description	White powder with characteristic odor.
Color	White	Odor	Characteristic
Odor Threshold	Data lacking		
<b>General Properties</b>			
Boiling Point	Data lacking	Melting Point/Freezing Point	Data lacking
Decomposition Temperature	60 °C(140 °F)	pH	Data lacking
Specific Gravity/Relative Density	Data lacking	Density	1.23 g/mL @ 20 °C(68 °F)
Water Solubility	Insoluble	Viscosity	Data lacking
Explosive Properties	Data lacking	Oxidizing Properties:	Data lacking
<b>Volatility</b>			
Vapor Pressure	1 hPa	Vapor Density	Data lacking
Evaporation Rate	Data lacking		
<b>Flammability</b>			
Flash Point	Data lacking	UEL	Data lacking
LEL	Data lacking	Autoignition	Data lacking
Flammability (solid, gas)	Data lacking		
<b>Environmental</b>			
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

- Avoid generating dust.

### 10.5 Incompatible materials

- No data available

### 10.6 Hazardous decomposition products

- None known.

## Section 11 - Toxicological Information

### 11.1 Information on toxicological effects

Components		
Dibenzoyl peroxide (30% TO 60%)	94-36-0	<b>Acute Toxicity:</b> Ingestion/Oral-Rat LD50 • 6400 mg/kg; <b>Irritation:</b> Eye-Rabbit • 500 mg 24 Hour(s) • Mild irritation; Skin-Human • 5 % 8 Week(s)-Intermittent • Severe irritation; <b>Mutagen:</b> DNA damage • Skin-Mouse • 242 mg/kg 4 Week(s)-Intermittent; <b>Tumorigen / Carcinogen:</b> Skin-Mouse TDL0 • 28800 mg/kg 18 Week(s)-Intermittent; <i>Tumorigenic:</i> <b>Carcinogenic by RTECS criteria; Skin and Appendages:Other:Tumors; Tumorigenic:Facilitates action of known carcinogen</b>
Dicyclohexyl phthalate (30% TO 60%)	84-61-7	<b>Acute Toxicity:</b> Ingestion/Oral-Rat LD50 • 30 mL/kg; <b>Multi-dose Toxicity:</b> Ingestion/Oral-Rat TDL0 • 3700 mg/kg 37 Day(s)-Intermittent; <i>Liver:Changes in liver weight;</i> <b>Reproductive:</b> Ingestion/Oral-Rat TDL0 • 18500 mg/kg (6-21D preg/20D post); <i>Reproductive Effects:Maternal Effects:Parturition; Reproductive Effects:Specific Developmental Abnormalities:Urogenital system; Reproductive Effects:Effects on Newborn:Viability index (e.g., # alive at day 4 per # born alive)</i>

GHS Properties	Classification
<b>Acute toxicity</b>	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking WHMIS 2015 • Data lacking
<b>Skin corrosion/Irritation</b>	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking WHMIS 2015 • Data lacking
<b>Serious eye damage/Irritation</b>	EU/CLP • Eye Irritation 2 OSHA HCS 2012 • Eye Irritation 2 WHMIS 2015 • Eye Irritation 2
<b>Skin sensitization</b>	EU/CLP • Skin Sensitizer 1 OSHA HCS 2012 • Skin Sensitizer 1 WHMIS 2015 • Skin Sensitizer 1
<b>Respiratory sensitization</b>	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking



	WHMIS 2015 • Data lacking
<b>Aspiration Hazard</b>	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking WHMIS 2015 • Data lacking
<b>Carcinogenicity</b>	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking WHMIS 2015 • Data lacking
<b>Germ Cell Mutagenicity</b>	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking WHMIS 2015 • Data lacking
<b>Toxicity for Reproduction</b>	EU/CLP • Toxic to Reproduction 2 OSHA HCS 2012 • Toxic to Reproduction 2 WHMIS 2015 • Toxic to Reproduction 2
<b>STOT-SE</b>	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking WHMIS 2015 • Data lacking
<b>STOT-RE</b>	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking WHMIS 2015 • Data lacking

## Potential Health Effects

### Inhalation

#### Acute (Immediate)

- Exposure to dust may cause irritation. Processes such as cutting, grinding, crushing, or impact may result in generation of excessive amounts of airborne dusts in the workplace. Nuisance dust may affect the lungs but reactions are typically reversible.

#### Chronic (Delayed)

- No data available

### Skin

#### Acute (Immediate)

- Exposure to dust may cause mechanical irritation. May cause skin sensitization. Symptoms include redness, and skin rash.

#### Chronic (Delayed)

- No data available

### Eye

#### Acute (Immediate)

- Causes serious eye irritation. Excessive concentrations of nuisance dust in the workplace may reduce visibility and may cause unpleasant deposits in eyes.

#### Chronic (Delayed)

- No data available

### Ingestion

#### Acute (Immediate)

- Excessive concentrations of nuisance dust in the workplace may cause mechanical irritation to mucous membranes.

#### Chronic (Delayed)

- No data available

### Reproductive Effects

- Repeated and prolonged exposure may cause reproductive effects.

#### Key to abbreviations

LD = Lethal Dose

TD = Toxic Dose

## Section 12 - Ecological Information

### 12.1 Toxicity

	CAS	
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AC Catalyst Powder | NDA | **Aquatic Toxicity-Crustacea:** 48 Hour(s) EC50 *Daphnia* 0.11 mg/L Comments: 94-36-0 dibenzoyl peroxide

- Very toxic to aquatic life. Harmful to aquatic life with long lasting effects.

## 12.2 Persistence and degradability

- No further relevant information available.

## 12.3 Bioaccumulative potential

- No further relevant information available.

## 12.4 Mobility in Soil

- No further relevant information available.

## 12.5 Results of PBT and vPvB assessment

- No PBT and vPvB assessment has been conducted.

## 12.6 Other adverse effects

- No further relevant information available.

## 12.7 Other Information

- Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Also poisonous for fish and plankton in water bodies.

## 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	UN3106	Organic peroxide type D, solid (dibenzoyl peroxide)	5.2	II	NDA
TDG	UN3106	ORGANIC PEROXIDE TYPE D, SOLID	5.2	NDA	NDA
IMO/IMDG	UN3106	ORGANIC PEROXIDE TYPE D, SOLID, (dibenzoyl peroxide), MARINE POLLUTANT	5.2	II	NDA
ADN	UN3106	ORGANIC PEROXIDE TYPE D, SOLID	5.2	NDA	NDA
ADR/RID	UN3106	ORGANIC PEROXIDE TYPE D, SOLID (dibenzoyl peroxide)	5.2	NDA	NDA
IATA/ICAO	UN3106	Organic peroxide type D, solid (dibenzoyl peroxide)	5.2	II	NDA

### 14.6 Special precautions for user

- None specified.

### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

- Data lacking.

## Section 15 - Regulatory Information

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

**SARA Hazard Classifications** • Acute, Chronic, Reactive

State Right To Know				
Component	CAS	MA	NJ	PA
Dibenzoyl peroxide	94-36-0	Yes	Yes	Yes
Dicyclohexyl phthalate	84-61-7	No	No	No

Inventory						
Component	CAS	Canada DSL	Canada NDSL	EU EINECS	EU ELNICS	TSCA
Dibenzoyl peroxide	94-36-0	Yes	No	Yes	No	Yes
Dicyclohexyl phthalate	84-61-7	Yes	No	Yes	No	Yes

### Belgium

#### Labor

##### Belgium - Substances and Preparations - Carcinogens and Mutagens

• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	Not Listed

### Bulgaria

#### Environment

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

• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	Not Listed

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

• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	Not Listed

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

• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	Not Listed

### Canada

#### Labor

##### Canada - WHMIS - Classifications of Substances

• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	C, D2B, F; C, D2B (70%)

##### Canada - WHMIS - Ingredient Disclosure List

• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	1 %

#### Environment

##### Canada - CEPA - Priority Substances List

• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	Not Listed

**Denmark****Environment****Denmark - List of Undesirable Substances - Product Groups/Function**

• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	Not Listed

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

• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	E; R3 Xi; R36 R43 O; R7

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

• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	Not Listed

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

• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	E Xi R:3-7-36-43 S:(2)-3/7-14-36/37/39

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

• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	Not Listed

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

• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	S:(2)-3/7-14-36/37/39

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

• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	Not Listed

**Germany - Immission Control - Qualifying Quantities for Safety Reporting**

• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	Not Listed

**Germany - TRGS 505 - Specific Lead Regulations**

• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	Not Listed

**Germany - TRGS 511 - Specific Ammonium Nitrate Regulations**

• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	Not Listed

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

• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	organic [5.2.5], Class I

**Germany - TA Luft - Emission Limits for Carcinogenic Substances**

• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	Not Listed
<b>Germany - TA Luft - Emission Limits for Fibers</b>		
• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	Not Listed
<b>Germany - TA Luft - Emission Limits for Inorganic Dusts</b>		
• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	Not Listed
<b>Germany - TA Luft - Emission Limits for Inorganic Gases</b>		
• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	Not Listed
<b>Germany - TA Luft - Emission Limits for Organic Substances</b>		
• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	0.10 kg/h Mass flow (Class I); 20 mg/m <sup>3</sup> Mass concentration (Class I)
<b>Germany - Water Classification (VwVwS) - Annex 1</b>		
• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	Not Listed
<b>Germany - Water Classification (VwVwS) - Annex 2 - Water Hazard Classes</b>		
• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	ID Number 1100, hazard class 1 - low hazard to waters
<b>Germany - Water Classification (VwVwS) - Annex 3</b>		
• Dicyclohexyl phthalate	84-61-7	ID Number 2668, hazard class 1 - low hazard to waters
• Dibenzoyl peroxide	94-36-0	Not Listed

## United States

<b>Labor</b>		
<b>U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals</b>		
• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	7500 lb TQ
<b>U.S. - OSHA - Specifically Regulated Chemicals</b>		
• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	Not Listed

## Environment

<b>U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants</b>		
• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	Not Listed
<b>U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities</b>		
• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	Not Listed
<b>U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities</b>		
• Dicyclohexyl phthalate	84-61-7	Not Listed

• Dibenzoyl peroxide	94-36-0	Not Listed
<b>U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs</b>		
• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	Not Listed
<b>U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs</b>		
• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	Not Listed
<b>U.S. - CERCLA/SARA - Section 313 - Emission Reporting</b>		
• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	1.0 % de minimis concentration
<b>U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing</b>		
• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	Not Listed

## United States - California

### Environment

#### U.S. - California - Proposition 65 - Carcinogens List

• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	Not Listed

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

• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	Not Listed

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

• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	Not Listed

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

• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	Not Listed

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

• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	Not Listed

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

• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	Not Listed

## United States - Pennsylvania

### Labor

#### U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	

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

• Dicyclohexyl phthalate	84-61-7	Not Listed
• Dibenzoyl peroxide	94-36-0	Not Listed

## 15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

### Section 16 - Other Information

#### Relevant Phrases (code & full text)

- H241 - Heating may cause a fire or explosion

#### Revision Date

- 20/July/2018

#### Preparation Date

- 07/June/2016

#### Other Information

- Changes to this revision: Updated mailing address.

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#### Key to abbreviations

NDA = No Data Available