

**LUPEROX® ANS55**

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Company**

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

**Functional Additives**

**Customer Service Telephone Number:** (800) 331-7654  
(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:** LUPEROX® ANS55  
**Synonyms:** Not available  
**Molecular formula:** Mixture  
**Chemical family:** Organic peroxide - diacyl peroxides  
**Product use:** initiator/catalyst

**2. HAZARDS IDENTIFICATION**

**Emergency Overview**

**Color:** white  
**Physical state:** semi-solid  
**Form:** paste  
**Odor:** Slightly benzaldehyde-like

**\*Classification of the substance or mixture:**

Organic peroxides, Type D, H242  
Eye irritation, Category 2B, H320  
Skin sensitisation, Category 1, H317  
Reproductive toxicity, Category 1B, H360  
Acute aquatic toxicity, Category 1, H400  
Chronic aquatic toxicity, Category 1, H410

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

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**GHS-Labeling**

Hazard pictograms:



Signal word:

**Danger**

**Hazard statements:**

- H242 : Heating may cause a fire.
- H317 : May cause an allergic skin reaction.
- H320 : Causes eye irritation.
- H360 : May damage fertility or the unborn child.
- H410 : Very toxic to aquatic life with long lasting effects.

**Supplemental Hazard Statements:**

- Organic peroxide.
- Hazardous decomposition may occur.

**LUPEROX® ANS55****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/sparks/open flames/hot surfaces. No smoking.  
P220 : Keep/Store away from clothing/ combustible materials.  
P234 : Keep only in original container.  
P261 : Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
P264 : Wash skin 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 or eye protection or face protection.  
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.  
P333 + P313 : If skin irritation or rash occurs: Get medical advice/ attention.  
P337 + P313 : If eye irritation persists: Get medical advice/ attention.  
P363 : Wash contaminated clothing before reuse.  
P391 : Collect spillage.

**Storage:**

P405 : Store locked up.  
P410 : Protect from sunlight.  
P411 + P235 : Maximum storage temperature is specified on label and in section 7 of SDS. Keep cool.  
P420 : Store away from other materials.

**Disposal:**

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

**Other:**

If product becomes dry, exposure to powder or dust may occur. Contains high molecular weight polymer(s) and low levels of residual formaldehyde.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

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Chemical Name	CAS-No.	Wt/Wt	GHS Classification**
Dibenzoyl peroxide	94-36-0	>= 55 - < 58 %	H241, H320, H317, H400, H410
1,2-Benzenedicarboxylic acid, butyl phenylmethyl ester	85-68-7	>= 23 - < 33 %	H360, H400, H411
Water	7732-18-5	>= 10 - < 18 %	Not classified
Proprietary copolymer	Proprietary*	>= 2 - < 4.5 %	Not classified

\*The specific chemical identity is withheld because it is trade secret information of Arkema Inc.

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

<b>4. FIRST AID MEASURES</b>
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**4.1. Description of necessary first-aid measures:**

**Inhalation:**

If inhaled, remove victim to fresh air.

**Skin:**

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

**Eyes:**

Immediately flush eye(s) with plenty of water. Get medical attention.

**Ingestion:**

If swallowed, DO NOT induce vomiting. Get medical attention. 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.

**LUPEROX® ANS55****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, 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:**

Fight fire with large amounts of water from a safe distance.

Cool closed containers exposed to fire with water spray.

Closed containers of this material may explode when subjected to heat from surrounding fire.

After a fire, wait until the material has cooled to room temperature before initiating clean-up activities.

Do not allow run-off from fire fighting to enter drains or water courses.

Fire fighting equipment should be thoroughly decontaminated after use.

**Fire and explosion hazards:**

Contact with materials to avoid or exposure to temperatures exceeding the SADT may result in a self-accelerating decomposition reaction with release of flammable vapors which may autoignite.

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

Carbon oxides

Hazardous organic compounds

Benzene

Benzoic acid

Biphenyl

Phenyl benzoate

**LUPEROX® ANS55****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. Eliminate all ignition sources. Avoid generation of vapors. Contain and collect spillage with non-combustible absorbent material such as sodium bicarbonate, sodium carbonate, calcium carbonate, clean sand or non-acidic clay and then wet down (dampen) the mixture with water. DO NOT USE peat moss. Sweep or scoop up using non-sparking tools and place into suitable properly labeled containers for prompt disposal. The sweepings should be wetted down further with water. 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:**

Contact with materials to avoid or exposure to temperatures exceeding the SADT may result in a self-accelerating decomposition reaction with release of flammable vapors which may autoignite.

Do not taste or swallow.

Do not get in eyes, on skin, or on clothing.

Do not breathe dust.

Keep away from heat, sparks and flames.

No smoking.

Use only with adequate ventilation.

Wash thoroughly after handling.

Prevent product contamination.

Keep container tightly closed and away from combustible materials.

Keep only in the original container.

Container hazardous when empty.

Do not reuse container as it may retain hazardous product residue.

Emptied container retains product residue.

Implement routine housekeeping practices to ensure that dusts do not accumulate on surfaces.

Check that all equipment is properly grounded and installed to satisfy electrical classification requirements.

Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations.

DO NOT CUT, DRILL, GRIND, OR WELD ON OR NEAR THIS CONTAINER.

Improper disposal or reuse of this container may be dangerous and/or illegal.

**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. Segregated or detached storage is preferred. Store out of direct sunlight in a cool well-ventilated place.

Store in original container. Store away from combustibles and materials to avoid. Refer also to National Fire

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Protection Association (NFPA) Code 400, Hazardous Materials Code.

**Storage stability – Remarks:**

Follow the recommended storage temperatures provided in this Section in order to maintain stability and oxygen content.

**Storage incompatibility – General:**

Store separate from:

Strong acids

Strong bases

Strong oxidizing agents

Amines

Reducing agents

Accelerators

Friedel - Crafts reaction catalyst

Brass

Copper

Iron

For all Organic Peroxides, compatible materials of contact are stainless steel 304 or 316 (preferred), high-density polyethylene (HDPE), polytetrafluoroethylene or glass linings.

**Temperature tolerance – Do not store below:**

36 °F (2 °C)

**Temperature tolerance – Do not store above:**

100 °F (38 °C)

<b>8. EXPOSURE CONTROLS/PERSONAL PROTECTION</b>
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**Airborne Exposure Guidelines:**

**Dibenzoyl peroxide (94-36-0)**

US. ACGIH Threshold Limit Values

Time weighted average	5 mg/m3
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US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

PEL:	5 mg/m3
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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

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airborne exposure limits (if applicable see above). If practical, use local mechanical exhaust ventilation at sources of air contamination such as open process equipment.

Consult ACGIH ventilation manual or NFPA Standard 91 for design of exhaust systems.

**Respiratory protection:**

Do not breathe dust. 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.

<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>
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<b>Color:</b>	white
<b>Physical state:</b>	semi-solid
<b>Form:</b>	paste
<b>Odor:</b>	Slightly benzaldehyde-like
<b>Odor threshold:</b>	No data available
<b>Flash point</b>	The flashpoint of this product is greater than the Self Acceleration Decomposition Temperature (SADT).
<b>Auto-ignition temperature:</b>	No data available.
<b>Lower flammable limit (LFL):</b>	No data available
<b>Upper flammable limit (UFL):</b>	No data available
<b>pH:</b>	Not applicable



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<b>Density:</b>	1.22 g/cm <sup>3</sup>
<b>Specific Gravity (Relative density):</b>	1.22 (77 °F( 25 °C))Water=1 (liquid)
<b>Vapor pressure:</b>	No data available.
<b>Vapor density:</b>	No data available.
<b>Boiling point/boiling range:</b>	Decomposes before boiling. Rate of decomposition increases with rising temperature.
<b>Melting point/range:</b>	No data available
<b>Freezing point:</b>	No data available
<b>Evaporation rate:</b>	No data available
<b>Solubility in water:</b>	insoluble
<b>Viscosity, dynamic:</b>	No data available
<b>Oil/water partition coefficient:</b>	No data available.
<b>Self-Accelerating Decomposition Temperature (SADT):</b>	129 °F (54 °C) 50 pound container
<b>Thermal decomposition:</b>	No data available
<b>Active oxygen content:</b>	3.63 - 3.83 %
<b>Flammability:</b>	See GHS Classification in Section 2 if applicable

<b>10. STABILITY AND REACTIVITY</b>
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**Stability:**  
This material is chemically unstable and should only be handled under specified conditions. See HANDLING AND STORAGE section of this MSDS for specified conditions.

**Hazardous reactions:**  
Hazardous polymerization does not occur.

**Materials to avoid:**  
Strong acids  
Strong bases  
Strong oxidizing agents  
Reducing agents  
Accelerators

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Friedel - Crafts reaction catalyst  
Amines  
Brass  
Copper  
Iron

For all Organic Peroxides, compatible materials of contact are stainless steel 304 or 316 (preferred), high-density polyethylene (HDPE), polytetrafluoroethylene or glass linings.

**Conditions / hazards to avoid:**

See HANDLING AND STORAGE section of this MSDS for specified conditions. SADT - Self Accelerating Decomposition Temperature. Lowest temperature at which the tested package size will undergo a self-accelerating decomposition reaction. This reaction will generate flammable vapors which may autoignite. The length of time to generate a decomposition reaction, after the SADT has been reached or exceeded, is dependent upon how much the SADT has been exceeded and the length of time needed for the reaction exotherm (heat spike from increasing decomposition rate) to initiate a rapid decomposition reaction. Typically, SADT is inversely proportional to package size. Larger packages will have a lower SADT due to smaller ratio to heat transfer area to volume of product.

**Hazardous decomposition products:**

Temperatures at or above SADT can result in the release of hazardous decomposition products which are flammable and may autoignite.

Thermal decomposition giving flammable and toxic products :

Carbon oxides  
Hazardous organic compounds  
Benzene  
Benzoic acid  
Biphenyl  
Phenyl benzoate

**11. TOXICOLOGICAL INFORMATION**

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

**Oral:**

Acute toxicity estimate > 5,000 mg/kg.

**Data for Dibenzoyl peroxide (94-36-0)****Acute toxicity****Oral:**

Practically nontoxic. (rat) LD<sub>0</sub> > 5,000 mg/kg. (78 %)

**Inhalation:**

No deaths occurred. (rat) 4 h LC<sub>0</sub> = 24.3 mg/l. (78 %) (dust/mist)

**Skin Irritation:**

Not irritating. (rabbit) (4 h) (78 %)

**Eye Irritation:**

Causes eye irritation. (rabbit) (78 %)

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**Skin Sensitization:**

May cause allergic skin reaction. LLNA: Local Lymph Node Assay. (mouse) Skin allergy was observed. (Strong sensitizer)

May cause allergic skin reaction. Buehler Test. (guinea pig) Skin allergy was observed.

**Repeated dose toxicity**

Repeated dietary administration to rat / affected organ(s): testes / signs: atrophy / (Repeated exposure at high concentrations)

Chronic dermal administration to rat, mouse / No adverse systemic effects reported.

**Carcinogenicity**

Chronic dietary, dermal administration to rat and mouse / 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

**Genotoxicity****Assessment in Vivo:**

No genetic changes were observed in laboratory tests using: mice

**Developmental toxicity**

Exposure during pregnancy. Oral (rat) / No birth defects were observed. (delays in development)

**Reproductive effects**

Reproductive/Developmental Effects Screening Assay. Oral (rat) / No toxicity to reproduction / (reductions in birth weight, decreased growth rate)

**Human experience****Inhalation:**

Throat: irritating. (dust) (based on reports of occupational exposure to workers)

Nose: irritating. (dust) (based on reports of occupational exposure to workers)

**Human experience****Skin contact:**

Skin: Skin allergy was observed. (repeated or prolonged exposure) (studied using human volunteers)

**Data for 1,2-Benzenedicarboxylic acid, butyl phenylmethyl ester (85-68-7)****Acute toxicity****Oral:**

May be harmful if swallowed. (rat) LD50 = 2,330 mg/kg.

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**Dermal:**

Practically nontoxic. (rabbit) LD50 > 10,000 mg/kg.

**Inhalation:**

No deaths occurred. (rat) 6 h (saturated vapor)

**Skin Irritation:**

Not irritating. (rabbit)

**Eye Irritation:**

Not irritating. (rabbit)

**Skin Sensitization:**

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

**Repeated dose toxicity**

Repeated oral, inhalation administration to rat / affected organ(s): pancreas, kidney, liver / signs: changes in organ weights, changes in body weight, changes in organ structure or function

Chronic dietary administration to mouse / signs: changes in body weight

**Carcinogenicity**

Chronic dietary administration to female rat / affected organ(s): urinary bladder / signs: leukemia / Increased incidence of tumors was reported.

Chronic dietary administration to male rat / affected organ(s): pancreas / Increased incidence of tumors was reported.

Chronic dietary administration to mouse / 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

**Genotoxicity****Assessment in Vivo:**

Both positive and negative responses for genetic changes were observed in laboratory tests using: mice

**Developmental toxicity**

Exposure during pregnancy. dietary (rat) / Birth defects were observed. (at doses that produce effects in mothers)

Exposure during pregnancy. dietary (rabbit) / No birth defects were observed.

Exposure during pregnancy. dietary (mouse) / Birth defects were observed. (at doses that produce effects in mothers)

**Reproductive effects**

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Reproduction test. dietary (rat) / Effects on fertility

**Human experience****Skin contact:**

No skin allergy or irritation was observed.. (repeated or prolonged exposure) (studied using human volunteers)

**Data for Proprietary copolymer (Proprietary)****Acute toxicity****Oral:**

May be harmful if swallowed. LD50 > 2,000 mg/kg.

**Skin Irritation:**

Not irritating. (rabbit) OECD Test Guideline 404

**Eye Irritation:**

Not irritating. (rabbit) OECD Test Guideline 405

**Genotoxicity****Assessment in Vitro:**

No genetic changes were observed in laboratory tests using: bacteria

**Other information**

The information presented is from representative materials in this chemical class. The results may vary depending on the test substance.

**12. ECOLOGICAL INFORMATION****Chemical Fate and Pathway**

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

**Data for Dibenzoyl peroxide (94-36-0)****Biodegradation:**

Readily biodegradable. (28 d) biodegradation 71 % / OECD Test Guideline 301 D

**Octanol Water Partition Coefficient:**

log Pow: = 3.2

**Data for 1,2-Benzenedicarboxylic acid, butyl phenylmethyl ester (85-68-7)****Biodegradation:**

Readily biodegradable. (14 d) biodegradation 81 %

**Bioaccumulation:**

21 d BCF 188 (Lepomis macrochirus (Bluegill sunfish))

**Octanol Water Partition Coefficient:**

log Pow: = 4.91, at 68 °F (20 °C)

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**Data for Proprietary copolymer (Proprietary)****Biodegradation:**

Not readily biodegradable. Water

**Ecotoxicology**

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

**Data for Dibenzoyl peroxide (94-36-0)****Aquatic toxicity data:**

Very toxic. Oncorhynchus mykiss (rainbow trout) 96 h LC50 = 0.0602 mg/l

**Aquatic invertebrates:**

Very toxic. Daphnia magna (Water flea) 48 h EC50 (Immobilization) = 0.11 mg/l

**Algae:**

Very toxic. Pseudokirchneriella subcapitata (green algae) 72 h ErC50 = 0.071 mg/l

**Microorganisms:**

Respiration inhibition / Activated sludge 30 min EC50 = 35 mg/l

**Chronic toxicity to aquatic invertebrates:**

Very toxic. Daphnia magna (Water flea) 21 d EC10 (Reproduction inhibition) = 0.001 mg/l

**Chronic toxicity to aquatic plants:**

Toxic. Pseudokirchneriella subcapitata (green algae) 72 h NOEC r 0.02 mg/l

**Data for 1,2-Benzenedicarboxylic acid, butyl phenylmethyl ester (85-68-7)****Aquatic toxicity data:**

Very toxic. Shiner perch (Cymatogaster aggregate) 96 h LC50 = 0.51 mg/l

**Aquatic invertebrates:**

Very toxic. Mysidopsis bahia (opossum shrimp) 48 h LC50 0.9 mg/l

**Algae:**

Very toxic. Navicula pelliculosa 72 h EC50 (Growth inhibition) = 0.66 mg/l

**Chronic toxicity to fish:**

Harmful. Oncorhynchus mykiss (rainbow trout) 124 d NOEC = 0.2 mg/l

**Chronic toxicity to aquatic invertebrates:**

Toxic. Mysidopsis bahia 28 d NOEC = 0.075 mg/l

**Chronic toxicity to aquatic plants:**

Harmful. Navicula pelliculosa 72 d NOEC = 0.17 mg/l

**Data for Proprietary copolymer (Proprietary)**

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The information presented is from representative materials in this chemical class. The results may vary depending on the test substance.

**Aquatic toxicity data:**

Practically nontoxic. *Oncorhynchus mykiss* (rainbow trout) 96 h LC50 > 100 mg/l

**Aquatic invertebrates:**

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

**Microorganisms:**

Respiration inhibition / Activated sludge 30 min EC10 > 1,000 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.

Take appropriate measures to prevent release to the environment.

**14. TRANSPORT INFORMATION**

**US Department of Transportation (DOT)**

<b>UN Number</b>	:	3106
<b>Proper shipping name</b>	:	Organic peroxide type D, solid
<b>Technical name</b>	:	(Dibenzoyl peroxide, >52-62%, (as a paste))
<b>Class</b>	:	5.2
<b>Marine pollutant</b>	:	yes
<b>Reportable quantity</b>	:	100 lbs (Butyl benzyl phthalate)
		5000 lbs (Benzoic acid)

**International Maritime Dangerous Goods Code (IMDG)**

<b>UN Number</b>	:	3106
<b>Proper shipping name</b>	:	ORGANIC PEROXIDE TYPE D, SOLID
<b>Technical name</b>	:	(DIBENZOYL PEROXIDE, >52-62%, (AS A PASTE))
<b>Class</b>	:	5.2
<b>Marine pollutant</b>	:	yes

**15. REGULATORY INFORMATION**

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**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	All components of this product are on the Canadian DSL
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)	Does not conform
Korea. Korean Existing Chemicals Inventory (KECI)	KECI (KR)	Conforms to
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, Reactivity 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:

<u>Chemical name</u>	<u>CAS-No.</u>	<u>De minimis concentration</u>	<u>Reportable threshold:</u>
Dibenzoyl peroxide	94-36-0	1.0 %	25000 lbs (Manufacturing and processing) 10000 lbs (Otherwise used (non-manufacturing/processing))

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



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<u>Chemical name</u>	<u>CAS-No.</u>	<u>Reportable quantity</u>
1,2-Benzenedicarboxylic acid, butyl phenylmethyl ester	85-68-7	100 lbs
Benzoic acid	65-85-0	5000 lbs
1,2-Benzenedicarboxylic acid, dibutyl ester	84-74-2	10 lbs
Ethene, chloro-	75-01-4	1 lbs

**United States – State Regulations**

**New Jersey Right to Know**

<u>Chemical name</u>	<u>CAS-No.</u>
Dibenzoyl peroxide	94-36-0
1,2-Benzenedicarboxylic acid, butyl phenylmethyl ester	85-68-7

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

<u>Chemical name</u>	<u>CAS-No.</u>
Dibenzoyl peroxide	94-36-0
1,2-Benzenedicarboxylic acid, butyl phenylmethyl ester	85-68-7

**Pennsylvania Right to Know**

<u>Chemical name</u>	<u>CAS-No.</u>
Dibenzoyl peroxide	94-36-0
1,2-Benzenedicarboxylic acid, butyl phenylmethyl ester	85-68-7
Water	7732-18-5
Proprietary copolymer	Proprietary
Benzoic acid	65-85-0
1,2-Benzenedicarboxylic acid, dibutyl ester	84-74-2

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**Pennsylvania Right to Know – Environmentally Hazardous Substance(s)**

<u>Chemical name</u>	<u>CAS-No.</u>
Dibenzoyl peroxide	94-36-0
1,2-Benzenedicarboxylic acid, butyl phenylmethyl ester	85-68-7
Benzoic acid	65-85-0
1,2-Benzenedicarboxylic acid, dibutyl ester	84-74-2

**California Prop. 65**

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

<u>Chemical name</u>	<u>CAS-No.</u>
Formaldehyde	50-00-0
Ethene, chloro-	75-01-4
Benzene, (chloromethyl)-	100-44-7
Benzene, (trichloromethyl)-	98-07-7
Acetaldehyde	75-07-0

**California Prop. 65**

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

<u>Chemical name</u>	<u>CAS-No.</u>
1,2-Benzenedicarboxylic acid, butyl phenylmethyl ester	85-68-7
1,2-Benzenedicarboxylic acid, dibutyl ester	84-74-2
Methanol	67-56-1

**16. OTHER INFORMATION**

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

H241	Heating may cause a fire or explosion.
H242	Heating may cause a fire.
H317	May cause an allergic skin reaction.
H320	Causes eye irritation.
H360	May damage fertility or the unborn child.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

## Latest Revision(s):

Reference number:	200008812
Date of Revision:	10/29/2020
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