

SAFETY DATA SHEET

Classified in accordance 29 CFR 1910.1200

1. Identification

Product identifier:	ACRIFIX® CA 0020
Chemical name:	Solution of a peroxide
Other means of identification	None.
Recommended use:	Industrial Use Catalyst
Recommended restrictions:	None known.

Manufacturer/Importer/Distributor Information

Company Name	:	POLVYANTIS Sanford LLC 1796 Main St Sanford, ME 04073 USA
Telephone	:	+1-207-490-4230
E-mail	:	AP-sds-info@polyvantis.org
Emergency telephone number: 24-Hour Health Emergency	:	+1-800-255-3924 (24 h)

2. Hazard(s) identification

Hazard Classification

Health Hazards

Skin sensitizer Category 1

Environmental Hazards

Acute hazards to the aquatic environment Category 1

Chronic hazards to the aquatic environment Category 1

Label Elements

Hazard Symbol:



Signal Word:

Warning

Hazard Statement: May cause an allergic skin reaction.
Very toxic to aquatic life with long lasting effects.

Precautionary Statements

Prevention: Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response: IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see supplemental first aid instructions on this label). Collect spillage.

Disposal: Dispose of contents/ container to an approved facility in accordance with local, regional, national and international regulations.

Hazard(s) not otherwise classified (HNOC): None.

3. Composition/information on ingredients

Chemical name:
Solution of a peroxide

Mixtures

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%) [*]
oxydipropyl dibenzoate		27138-31-4	80 - <95%
dibenzoyl peroxide		94-36-0	2.5 - <10%
2-(benzoyloxy)ethyl benzoate		94-49-5	2.5 - <10%

^{*} All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

The exact concentration has been withheld as a trade secret.

4. First-aid measures

Description of necessary first-aid measures

General information: Pay attention to self-protection. Remove victims from hazardous area. Immediately remove soiled or soaked clothing and remove it to a safe distance. Keep victim warm, in a stabilized position and covered. Medical treatment is necessary if symptoms occur which are obviously caused by skin or eye contact with the product or by inhalation of its vapours.

Inhalation: If inhaled, remove to fresh air. If breathing is difficult, get medical attention.

Skin Contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Eye contact:	In case of contact, immediately flush eyes with plenty of water. Consult a physician if irritation persists.
Ingestion:	If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Get immediate medical advice/attention. Never give anything by mouth to an unconscious person.
Personal Protection for First-aid Responders:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear., Cool with water spray., Containers can build up pressure if exposed to heat (fire)., Evacuate enclosed and surrounding areas.

Most important symptoms/effects, acute and delayed

Symptoms:	May cause skin and eye irritation. Allergic appearance Health injuries may be delayed.
Hazards:	May cause sensitization by skin contact. Harmful if swallowed.

Indication of immediate medical attention and special treatment needed

Treatment:	Treat symptomatically.
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5. Fire-fighting measures

General Fire Hazards:	Standard procedure for chemical fires. Keep out unprotected persons. Remove sources of ignition. Also keep emptied containers away from sources of heat and ignition. Cool down container with a water jet from a safe distance. In case of fire, remove the endangered barrels and bring to a safe place, if this can be done safely. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Prevent fire extinguishing water from contaminating surface water or the ground water system. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Vapors can travel to a source of ignition and flash back. Explosive mixtures may occur at temperatures at or above the flashpoint.
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Suitable (and unsuitable) extinguishing media

Suitable extinguishing media:	Foam, water spray or fog. Carbon Dioxide.
Unsuitable extinguishing media:	High volume water jet

Specific hazards arising from the chemical:	With large-scale fire, violent decomposition or even explosion is possible. Risk of re-ignition. Release of oxygen may support combustion. Sustains combustion Closed container may rupture if strongly heated. May be released in case of fire: carbon monoxide, carbon dioxide, organic products of decomposition. Formation of peroxides is possible.
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Special protective equipment and precautions for fire-fighters

Special fire-fighting procedures:

Normal measures for preventive fire protection. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Take precautionary measures against static discharges. Use non-sparking tools. In case of fire cool endangered containers with water. Avoid shock and friction. Protect from sunlight, warmth and heat. Use only explosion-proof equipment. Fire fighting must be carried out from a safe distance.

Special protective equipment for fire-fighters:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Cool with water spray. Containers can build up pressure if exposed to heat (fire). Evacuate enclosed and surrounding areas.

6. Accidental release measures**Personal precautions, protective equipment and emergency procedures:**

Handle in accordance with good industrial hygiene and safety practice. Wear personal protective equipment; see section 8. Keep out unprotected persons. Assure sufficient ventilation. Avoid contact with the skin and the eyes. Use breathing apparatus if exposed to vapours/dust/mist/aerosol. Do not breathe vapours or spray mist. Do not eat, drink or smoke when using this product. Wash hands thoroughly with soap and water after handling. Keep away from open flames, hot surfaces and sources of ignition.

Accidental release measures:

Evacuate area and do not approach spilled product. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). For personal protection see section 8. Cover over drainage system. Avoid penetration into drainage system or in rooms situated at a lower level because of danger of explosion.

For emergency responders:

Avoid contact with eyes, skin, and clothing. Do not inhale vapours / aerosols. Cover over drainage system. Avoid penetration into drainage system or in rooms situated at a lower level because of danger of explosion. Observe regulations on prevention of water pollution (check, dam up, cover up).

Methods and material for containment and cleaning up:

In case of larger quantities: Remove mechanically (by pumping) Soak up small amounts with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). To be disposed of in compliance with existing regulations. Assure sufficient ventilation.

Environmental Precautions:

Do not allow entrance in sewage water, drainage systems, stretches of water, soil. If the product contaminates rivers and lakes or drains inform respective authorities.

7. Handling and storage**Handling****Technical measures (e.g. Local and general ventilation):**

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Refer to the current edition of 'Industrial Ventilation: A Manual of Recommended Practice' published by the American Conference of Government Industrial Hygienists for information on the design, installation, use, and maintenance of exhaust systems.

Safe handling advice: All precautionary measures indicated have to be observed. Trained personnel must be used. Refer to section 15 for specific national regulation. Avoid contact with impurities, decomposition catalysts, incompatible substances. See section 10: Materials to avoid Normal measures for preventive fire protection. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Take precautionary measures against static discharges. In case of fire cool endangered containers with water. Avoid shock and friction. Protect from sunlight, warmth and heat. Fire fighting must be carried out from a safe distance. Earth all equipment Use non-sparking hand tools and explosion-proof electrical equipment. Use only trained personnel. Remove contaminated clothing and wash it before reuse. Keep locked up. Handle and open container with care. Ground and bond containers when transferring material. The need for grounding and bonding of containers in accordance with OSHA 29 CFR 1910.106 and NFPA 77 should be assessed for all product transfers. Do not eat, drink, smoke or chew tobacco around material. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Container hazardous when empty. Follow all SDS/label precautions even after the container is emptied because it may retain product residues. Residual vapors might explode on ignition; do not apply heat, cut, drill, grind or weld on or near this container. Keep containers closed when not in use. Use only with adequate ventilation/personal protection. Provide sufficient ventilation and exhaust at the workplace. In case of insufficient ventilation, wear suitable respiratory equipment. A safety shower and eye wash fountain should be readily available. To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132) be conducted before using this product.

Contact avoidance measures: see section 8. see section 10.

Hygiene measures: Follow the usual good standards of occupational hygiene. Store work clothing separately. Take off all contaminated clothing immediately. Clean skin thoroughly after work; apply skin cream. Keep away from food, drink and animal feeding stuffs. No eating, drinking, smoking, or snuffing tobacco at work. Take off clothing and shoes contaminated with product. Clean before reuse.

Storage

Safe storage conditions: Keep container tightly closed and in a well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Store cool and dry in the closed original packaging. Keep at temperatures of between 10 °C and 25 °C. Protect from heat and exposure to direct sunlight Keep in a bunded area. Avoid impurities. Do not store together with accelerators. Observe prohibition against storing together! Improper disposal or re-use of this container may be dangerous and illegal.

Safe packaging materials: No data available.

Storage Temperature: No data available.

8. Exposure controls/personal protection

Control Parameters
Occupational Exposure Limits

Chemical Identity	Type	Exposure Limit Values	Source
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oxydiethyl dibenzoate	AN ESL	100 µg/m ³	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended (06 2018)
	ST ESL	1,000 µg/m ³	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended (06 2018)
dibenzoyl peroxide	REL	5 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2010)
	TWA	5 mg/m ³	US. ACGIH Threshold Limit Values, as amended (03 2016)
	PEL	5 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (03 2016)
	IDLH	1,500 mg/m ³	US. NIOSH. Immediately Dangerous to Life or Health (IDLH) Values, as amended (10 2017)
	TWA	5 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)
	TWA	5 mg/m ³	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A, as amended (06 2008)
dibenzoyl peroxide - Particulate.	ST ESL	50 µg/m ³	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended (11 2016)
	AN ESL	5 µg/m ³	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended (11 2016)
dibenzoyl peroxide	TWA PEL	5 mg/m ³	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants, as amended (01 2015)

Appropriate Engineering Controls

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Refer to the current edition of 'Industrial Ventilation: A Manual of Recommended Practice' published by the American Conference of Government Industrial Hygienists for information on the design, installation, use, and maintenance of exhaust systems.

Individual protection measures, such as personal protective equipment

Eye/face protection: Use safety glasses (ANSI Z87.1 or approved equivalent).

Skin Protection

Hand Protection:

Material: butyl rubber gloves (minimal thickness 0.3 mm)
Break-through time: 480 min
Guideline: EN 374
Material: nitrile rubber gloves (minimal thickness 0.4 mm)
Break-through time: 480 min
Guideline: EN 374
Additional Information: Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. As the product is a mixture of several substances, the durability of the glove materials cannot be calculated in advance and has to be tested before use. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Skin and Body Protection:

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. Flame retardant antistatic protective clothing. On handling of larger quantities: face mask, chemical-resistant boots and apron

Respiratory Protection: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 or applicable federal/provincial requirements must be followed whenever workplace conditions warrant respirator use. NIOSH's "Respirator Decision Logic" may be useful in determining the suitability of various types of respirators.

Hygiene measures: Follow the usual good standards of occupational hygiene. Store work clothing separately. Take off all contaminated clothing immediately. Clean skin thoroughly after work; apply skin cream. Keep away from food, drink and animal feeding stuffs. No eating, drinking, smoking, or snuffing tobacco at work. Take off clothing and shoes contaminated with product. Clean before reuse.

9. Physical and chemical properties

Appearance

Physical state:	liquid
Form:	liquid
Color:	Yellow
Odor:	Characteristic
Odor Threshold:	No data available.
pH:	4 - 5
Freezing point:	< 10 °C Varying value not determinable
Boiling Point:	Not applicable Decomposes below the boiling point.
Flash Point:	Not applicable > SADT
Evaporation Rate:	No data available.
Flammability (solid, gas):	Not classified as flammable but will burn.
Explosive limit - upper:	No data available.
Explosive limit - lower:	not explosive
Vapor pressure:	0.0002 hPa (50 °C) Main component(s)
Relative vapor density:	No data available.
Density:	1.12 g/cm ³ (20 °C) (68 °F)
Relative density:	No data available.
Solubility in Water:	scarcely soluble
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	Not applicable Mixture
Self-ignition:	Not applicable Decomposition
Decomposition Temperature:	> 60 °C Self-Accelerating decomposition temperature (SADT) Danger of decomposition under influence of heat.
SADT:	> 60 °C
Kinematic viscosity:	approx. 125 mm ² /s (20 °C, calculated)
Dynamic viscosity:	approx. 140 mPa.s (20 °C, estimated) (68 °F)

Other information

Bulk density:	
Explosive properties:	Not explosive Information is based on the substance structure or composition. Vapours may form explosive mixtures with air
Oxidizing properties:	No data available.
Minimum ignition temperature:	not auto-flammable

|| Peroxides: 2.5 - < 10 % Organic peroxide

10. Stability and reactivity

Reactivity:	Danger of decomposition if exposed to heat Heating may cause a fire.
Chemical Stability:	No decomposition if stored and applied as directed. Danger of decomposition under influence of heat.
Possibility of hazardous reactions:	May undergo a self-accelerating decomposition reaction. Risk of self-accelerating, exothermic decomposition with the development of oxygen on contact with incompatible substances. To avoid thermal decomposition, do not overheat. Release of oxygen may support combustion.
Conditions to avoid:	No decomposition if stored and applied as directed. Avoid high temperatures and sources of ignition. Keep away from direct sunlight. Avoid shock and friction.
Incompatible Materials:	Violent decomposition of the peroxide occurs on direct contact with accelerators, e.g. heavy metal salts, tertiary amines, conc. mineral acids and alkali, and reducing agents. Avoid contact with Dirt Rust.
Hazardous Decomposition Products:	Carbon monoxide and carbon dioxide Hydrocarbons. Peroxides. No decomposition if used as directed.

11. Toxicological information

Information on likely routes of exposure

Inhalation: Relevant route of exposure. Information on effects are given below.

|| Skin Contact: May cause an allergic skin reaction. skin irritation possible

Eye contact: May irritate eyes.

|| Ingestion: May be harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation: No specific symptoms noted.

|| Skin Contact: This material contains a component which may cause skin sensitization.

Eye contact: Eye may become red, tear, and become painful.

|| Ingestion: If handled correctly, not a relevant route of exposure. Information on effects are given below.

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral Product: ATEmix: > 3,000 mg/kg

Dermal Product: ATEmix: > 5,000 mg/kg
Not classified for acute toxicity based on available data.

Inhalation**Product:**ATEmix: > 100 mg/l
Not classified for acute toxicity based on available data.**Repeated dose toxicity****Product:**

No data available.

Skin Corrosion/Irritation**Product:**

Calculation method Based on available data, the classification criteria are not met.

Serious Eye Damage/Eye Irritation**Product:**

Calculation method Based on available data, the classification criteria are not met.

Respiratory or Skin Sensitization**Product:**May cause sensitization by skin contact. The value is calculated
Not classified for respiratory sensitization The value is calculated**Carcinogenicity****Product:**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

No carcinogens present or none present in regulated quantities

US. National Toxicology Program (NTP) Report on Carcinogens:

No carcinogens present or none present in regulated quantities

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended:

No carcinogens present or none present in regulated quantities

Germ Cell Mutagenicity**In vitro****Product:**

No data available.

Components:

oxydipropyl dibenzoate

Chromosomal aberration (OECD 473): negative Not classified

Bacterial reverse mutation assay (OECD 471): negative Not classified

dibenzoyl peroxide

Bacterial reverse mutation assay (OECD 471): negative Not classified

2-(benzoyloxy)ethyl

(OECD 471)negative

benzoate

In vivo**Product:**

No data available.

Components:

dibenzoyl peroxide

(OECD Test Guideline 474) (Mouse, male)negative Not classified

2-(benzoyloxy)ethyl

(OECD 474) (Mouse)negative

benzoate

Reproductive toxicity**Product:**

No data available.

Version: 1.3
 Issue Date: 03/26/2019
 Last revised date: 10/25/2023
 Supersedes Date: 09/09/2020

Components:

oxydipropyl dibenzoate	Not classified
dibenzoyl peroxide	Not classified
2-(benzoyloxy)ethyl benzoate	Not classified

Specific Target Organ Toxicity - Single Exposure

Product: Based on available data, the classification criteria are not met. The value is calculated

Specific Target Organ Toxicity - Repeated Exposure

Product: Based on available data, the classification criteria are not met. The value is calculated

Aspiration Hazard

Product: No data available.

Components:

oxydipropyl dibenzoate	Not classified
dibenzoyl peroxide	Not classified
2-(benzoyloxy)ethyl benzoate	Not classified

Other effects:

Avoid skin and eye contact and inhalation of product vapours/aerosols. No tests were performed with this mixture. The properties of this product which are hazardous to health have been calculated as per regulation (EC) No. 1272/2008. See section 2 "Hazards Identification".

12. Ecological information**Ecotoxicity:****Acute hazards to the aquatic environment:****Fish**

Product: No data available.

Components:

oxydipropyl dibenzoate	LC 50 (Pimephales promelas (fathead minnow), 96 h): 3.7 mg/l
dibenzoyl peroxide	LC 50 (Oncorhynchus mykiss (rainbow trout), 96 h): 0.0602 mg/l
2-(benzoyloxy)ethyl benzoate	(96 h): > 0.434 mg/l No toxicity at the limit of solubility

Aquatic Invertebrates

Product: No data available.

Components:

oxydipropyl dibenzoate	EC 50 (Daphnia magna (Water flea), 48 h): 13.9 mg/l
dibenzoyl peroxide	EC 50 (Daphnia magna (Water flea), 48 h): 0.11 mg/l
2-(benzoyloxy)ethyl	EC 50 (Water Flea, 48 h): > 2.4 mg/l No toxicity at the limit of solubility

benzoate

Chronic hazards to the aquatic environment:**Fish****Product:** No data available.**Components:**2-(benzoyloxy)ethyl
benzoate NOEC (Zebra Fish, 34 d): 0.073 mg/l**Aquatic Invertebrates****Product:** No data available.**Components:**

dibenzoyl peroxide EC10 (Daphnia magna (Water flea), 21 d): 0.001 mg/l

2-(benzoyloxy)ethyl
benzoate NOEC (Daphnia magna, 21 d): 0.79 mg/l**Toxicity to Aquatic Plants****Product:** No data available.**Components:**oxydipropyl dibenzoate EC 50 (Green algae (Selenastrum capricornutum), 72 h): 4.9 mg/l growth
rate
NOEC (Green algae (Selenastrum capricornutum), 72 h): 1.0 mg/l growth
rate

dibenzoyl peroxide EC 50 (Pseudokirchneriella subcapitata (green algae), 72 h): 0.0711 mg/l

2-(benzoyloxy)ethyl
benzoate NOEC (Pseudokirchneriella subcapitata, 72 h): 0.3 mg/l**Persistence and Degradability****Biodegradation****Product:** No data available.**Components:**

oxydipropyl dibenzoate 85 % (28 d)

dibenzoyl peroxide 68 % (28 d, OECD Test Guideline 301D)

2-(benzoyloxy)ethyl
benzoate 81 % (28 d, OECD 301)**BOD/COD Ratio****Product:** No data available.**Bioaccumulative potential****Bioconcentration Factor (BCF)****Product:** No data available.**Components:**

oxydipropyl dibenzoate Bioconcentration Factor (BCF): 174

dibenzoyl peroxide Bioconcentration Factor (BCF): 66.6

2-(benzoyloxy)ethyl
benzoate

Fish, Bioconcentration Factor (BCF): 2.74 (calculated)

Partition Coefficient n-octanol / water (log Kow)

Product: Log Kow: Not applicable Mixture

Mobility in soil:

No data available.

Components:

oxydipropyl dibenzoate	No data available.
dibenzoyl peroxide	No data available.
2-(benzoyloxy)ethyl benzoate	No data available.

Other adverse effects:

Prevent substance from entering soil, natural bodies of water and sewer systems. No investigations were carried out with the preparation itself. The properties of this product which are characteristics posing a threat to the environment have been calculated as per regulation (EC) No. 1272/2008. See section 2 "Hazards Identification".

13. Disposal considerations

General information:

Dispose of waste and residues in accordance with local authority requirements.

Disposal methods:

Waste must be disposed of in accordance with federal, state and local regulations. Incineration is the preferred method. Roehm encourages the recycle, recovery and reuse of materials, where permitted, as an alternate to disposal as a waste.

Contaminated Packaging:

Contaminated packaging should ideally be emptied; it can then be recycled after having been decontaminated. Uncontaminated packaging may be taken for recycling. Packaging that cannot be cleaned should be disposed of professionally. Empty containers must be handled with care due to product residue. **DO NOT HEAT OR CUT THE EMPTY CONTAINER WITH ELECTRIC OR GAS TORCH.**

14. Transport information

Domestic regulation

49 CFR

UN/ID/NA number	:	UN 3082
Proper shipping name	:	Environmentally hazardous substance, liquid, n.o.s. (contains, DIBENZOYL PEROXIDE)
Class	:	9
Packing group	:	III
Labels	:	9
ERG Code	:	171
Marine pollutant	:	yes
Remarks	:	Per 49 CFR 172.101 Appendix B, DOT does state that if a material is not a DOT marine pollutant but meets the definition of an environmentally hazardous substance (aquatic environment) in IMDG Code 2.9.3, it may be offered for transport and transported as a marine pollutant.

International Regulations**IATA-DGR**

UN/ID No. : UN 3082
 Proper shipping name : Environmentally hazardous substance, liquid, n.o.s.
 (contains, DIBENZOYL PEROXIDE)
 Class : 9
 Packing group : III
 Labels : 9MI
 Packing instruction (cargo aircraft) : 964
 Packing instruction (passenger aircraft) : 964
 Environmentally hazardous : yes

IMDG-Code

UN number : UN 3082
 Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
 N.O.S.
 (contains, DIBENZOYL PEROXIDE)
 Class : 9
 Packing group : III
 Labels : 9
 EmS Code : F-A, S-F
 Marine pollutant : yes

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

15. Regulatory information**US Federal Regulations****TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)****Chemical Identity**

2-(benzoyloxy)ethyl
benzoate

Reportable quantity

De minimis concentration: 1.0% One-Time Export Notification only.

US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final Significant New Use Rules (SNURs) (40 CFR 721, Subpt E)**Chemical Identity**

2-(benzoyloxy)ethyl
benzoate

Listed.Listed.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended

None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4):

None present or none present in regulated quantities.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Respiratory or Skin Sensitization

US. EPCRA (SARA Title III) Section 304 Extremely Hazardous Substances Reporting Quantities and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substances

None present or none present in regulated quantities.

US. EPCRA (SARA Title III Section 313 Toxic Chemical Release Inventory (TRI) Reporting

<u>Chemical Identity</u>	<u>% by weight</u>
dibenzoyl peroxide	1.0%

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

None present or none present in regulated quantities.

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)

None present or none present in regulated quantities.

US State Regulations

US. California Proposition 65

No ingredient requiring a warning under CA Prop 65.

US. New Jersey Worker and Community Right-to-Know Act

<u>Chemical Identity</u>
oxydipropyl dibenzoate
2-(benzoyloxy)ethyl benzoate
dibenzoyl peroxide

US. Massachusetts RTK - Substance List

<u>Chemical Identity</u>
dibenzoyl peroxide

US. Pennsylvania RTK - Hazardous Substances

<u>Chemical Identity</u>
dibenzoyl peroxide

US. Rhode Island RTK

No ingredient regulated by RI Right-to-Know Law present.

16. Other information, including date of preparation or last revision

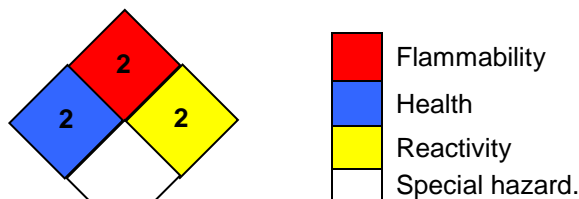
HMIS Hazard ID

Health	2
Flammability	2
Physical Hazards	2
PERSONAL PROTECTION	B

B - Safety Glasses & Gloves

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible; *Chronic health effect

NFPA Hazard ID



Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible

Issue Date: 10/25/2023

Version #: 1.3

Further Information: none

Revision Information Changes since the last version are highlighted in the margin. This version replaces all previous versions.

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