SAFETY DATA SHEET

Preparation Date: 08/11/2015 **Revision Date:** 10/26/2018 **Revision Number:** G2

1. IDENTIFICATION

Product identifier

Product code: BE156
Product Name: HYDROUS BENZOYL PEROXIDE, USP

Other means of identification
Synonyms: Dibenzoyl peroxide
Benzoic acid, peroxide
Benzol peroxide
Benzoperoxide
Benzoyl peroxide
Benzoyl superoxide
Benzoylperoxid [German]
BDibenzoyl peroxide
Dibenzoylperoxid [German]
Diphenylglyoxal peroxide
Perossido di benzoile [Italian]
Peroxide, dibenzoyl
Peroxyde de benzoyle [French]
CAS #: 94-36-0
RTECS # DM8575000
CI#: Not available

Recommended use of the chemical and restrictions on use
Recommended use: Catalyst in making plastics. Bleaching agent.
Uses advised against No information available

Supplier:
Spectrum Chemical Mfg. Corp
14422 South San Pedro St.
Gardena, CA 90248
(310) 516-8000

Order Online At: https://www.spectrumchemical.com
Emergency telephone number Chemtrec 1-800-424-9300
Contact Person: Martin LaBenz (West Coast)
Contact Person: Ibad Tirmiz (East Coast)

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous according to the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Considered a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Specific target organ toxicity (single exposure)	Category 3

Oxidizing solids	Category 2

Label elements

Danger

Hazard statements
Causes skin irritation
Causes serious eye irritation
May cause respiratory irritation
May intensify fire; oxidizer
Heating may cause a fire May mass explode in fire

Hazards not otherwise classified (HNOC)
Not Applicable

Other hazards
Not available

Precautionary Statements - Prevention
Keep away from heat/sparks/open flames/hot surfaces. — No smoking
Keep/Store away from clothing and other combustible materials
Take any precaution to avoid mixing with combustibles
Keep wetted with water
Ground/bond container and receiving equipment
Do not subject to grinding/shock/ .? /friction
Keep only in original container
Do not return unused material to its original container, but destroy it by treatment with Sodium Hydroxide solution (1 to 10) until addition of a crystal of Potassium Iodide results in no release of free Iodine
Wear protective gloves
Wear eye/face protection
Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area
Wash face, hands and any exposed skin thoroughly after handling
Contaminated work clothing must not be allowed out of the workplace

Precautionary Statements - Response

IN CASE OF FIRE: Flood with water to extinguish. FOR LARGE FIRES: Evacuate area. Explosion rish in case of fire. DO NOT fight fire when fire reaches explosives.
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 ON SKIN: Wash with plenty of water
If skin irritation occurs: Get medical advice/attention
Take off contaminated clothing and wash it before reuse
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Precautionary Statements - Storage
Store in a well-ventilated place. Keep container tightly closed
Store locked up

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No.	Weight %
Benzoyl Peroxide, Hydrous	94-36-0	75-70
Water	7732-18-5	20-25

4. FIRST AID MEASURES

First aid measures

General Advice: National Capital Poison Center in the United States can provide assistance if you have a poison emergency and need to talk to a poison specialist. Call 1-800-222-1222.

Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothing and shoes. Get medical attention. If skin irritation persists, call a physician.

Eye Contact: Flush eyes with water for 15 minutes. Get medical attention.

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

Ingestion: Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Obtain medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms Causes skin irritation
Causes serious eye irritation
May cause respiratory irritation

Indication of any immediate medical attention and special treatment needed

Notes to Physician: Treat symptomatically.

Protection of first-aiders
First-Aid Providers: Avoid exposure to blood or body fluids. Wear gloves and other necessary protective clothing. Dispose of contaminated clothing and equipment as bio-hazardous waste.

5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Water. CO_2 may be of no value in extinguishing fires involving oxidizers and may only provide limited control.

Unsuitable Extinguishing Media: Dry chemical. Halons. Foam.

Specific hazards arising from the chemical

Hazardous Combustion Products: Carbon Monoxide, Carbon Dioxide. Benzene. Benzoic acid. Decomposition of benzoyl peroxide releases dense white smoke, toxic and irritating fumes and gases containing benzoic acid, phenyl benzoate, terphenyls, biphenyls, benzene, and carbon dioxide.

Specific hazards: Oxidizer. Keep away from combustible materials (wood, paper, oil, clothing, etc.). The product is not flammable, but

it may cause fire when in contact with other material. Contact with combustible or organic materials may cause fire. Will accelerate burning when involved in a fire. Container explosion may occur under fire conditions or when heated. Shock and Friction Sensitive. Risk of explosive decomposition exists with friction, shock, or concussion. Do not allow material to dry out. Dry benzoyl peroxide may spontaneously explode and may explode when overheated under confinement or when heated over its melting point. There is explosive decomposition above its melting point (103 degrees C).

Special Protective Actions for Firefighters

Specific Methods: For large fires, flood fire area with water from a distance. Cool affected containers with flooding quantities of water. Do not get water inside containers. DO NOT use combustible materials such as sawdust.

Special Protective Equipment for Firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions: Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid contact with skin, eyes and clothing. Use personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Remove all sources of ignition. Keep combustibles (wood, paper, oil, clothing, etc.) away from spilled material. Use spark-proof tools and explosion-proof equipment.

Environmental precautions Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Prevent entry into waterways, sewers, basements or confined areas.

Methods and material for containment and cleaning up

Methods for containment Stop leak if you can do it without risk.

Methods for cleaning up Never allow spilled material to dry. Dampen with water without stirring. Never attempt to sweep up dry material. Use a spill response pad or pillow that is dampened with water to absorbed the spilled material. Place the pads/pillows in an appropriate impervious container with water added. Wash area with soap and water. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Precautions for safe handling

Technical Measures/Precautions:
Provide sufficient air exchange and/or exhaust in work rooms. All equipment used when handling the product must be grounded. Avoid dust formation. Remove all sources of ignition. Keep away from incompatible materials.

Safe Handling Advice
Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Avoid dust formation. Avoid shock and friction. Do not ingest. Do not breathe dust. Do not smoke. Avoid letting the product become dry. Dry residue is explosive. Keep away from combustible material. Keep away from heat and sources of ignition. Re-hydrate as needed. The water content should be at least 20% water by volume. Do not use metal spatulas with removing or weighing out material. Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Technical Measures/Storage Conditions:
Keep wetted with a minimum of 20% water for the purpose of reducing flammability and shock sensitivity. Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container. Do not store near combustible materials. Store in a segregated and approved area. Store away from incompatible materials.

Incompatible Materials:
Combustible materials
Lithium
Aluminum hydride
Amines
Metallic Naphthenates
Alcohols
Organic materials
Strong bases
Reducing agents
Metals
Rubber

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

National occupational exposure limits

United States

Components	CAS-No.	OSHA	NIOSH	ACGIH	AIHA WEEL
Benzoyl Peroxide, Hydrous	94-36-0	5 mg/m³ TWA	5 mg/m³ TWA	5 mg/m³ TWA	None
Water	7732-18-5	None	None	None	None

Canada

Components	CAS-No.	Canada - Alberta	Canada - British Columbia	Canada - Ontario	Canada - Quebec
Benzoyl Peroxide, Hydrous	94-36-0	5 mg/m³ TWA	5 mg/m³ TWA	None	None
Water	7732-18-5	None	None	None	None

Australia and Mexico

Components	CAS-No.	Australia	Mexico
Benzoyl Peroxide, Hydrous	94-36-0	5 mg/m³ TWA	5 mg/m³ TWA
Water	7732-18-5	None	None

Appropriate engineering controls

Engineering measures to reduce exposure: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Individual protection measures, such as personal protective equipment

Personal Protective Equipment

Eye protection:	Goggles
Skin and body protection:	Chemical resistant apron Long sleeved clothing Gloves
Respiratory protection:	Wear respirator with dust filter. Be sure to use an approved/certified respirator or equivalent.
Hygiene measures:	Avoid contact with skin, eyes and clothing. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:
Solid

Appearance:
Granular. Wetted solid.

Color:
White.

Odor:
Faint. Benzaldehyde-like. Bitter almond.

Taste
Tasteless.

Formula:
C14H10O4

Molecular/Formula weight (g/mole):
242.23

Flammability:
Oxidizer

Flashpoint (°C/°F):
No information available.

Flash Point Tested according to:
Not available

Autoignition Temperature (°C/°F):
No information available

Lower Explosion Limit (%):
No information available

Upper Explosion Limit (%):
No information available

Melting point/range(°C/°F):
103-106°C/ 217-223°F

Decomposition temperature(°C/°F):
No information available

Boiling point/range(°C/°F):
No information available

Bulk density:
No information available

Density (g/cm3):
No information available

Specific gravity:
1.334

pH:
No information available

Vapor pressure @ 20°C (kPa):
0.009 Pa (25°C)

Evaporation rate:
No information available

Vapor density:
No information available

VOC content (g/L):
No information available

Odor threshold (ppm):
No information available

Partition coefficient (n-octanol/water):
No information available

Viscosity:
No information available

Miscibility:
No information available

Solubility:
Soluble in diethyl ether
Soluble in Acetone
Soluble in Benzene
Soluble in Chloroform
Very slightly soluble in cold water
Slightly soluble in oil
Slightly soluble in alcohol
Practically insoluble in water
Solubility in water: 9.10 mg/l @ 25°C

10. STABILITY AND REACTIVITY

Reactivity

Reactive with reducing agents, combustible materials, organic materials, metals, acids, alkalis.The product may undergo hazardous decomposition, condensation or polymerization, it may become self-reactive under conditions of shock or increase in temperature or pressureBenzoyl peroxide is a strong oxidant, reacting violently with reducing materials/easily oxidizable materials (such as ethers) and combustibles (such as paper, wood, oil, etc.). Violent reactions take place when this compound comes into contact with alcohols, amines, alkalies, methyl methacrylate, many inorganic and organic acids, and polymerization accelerators (such as dimethylaniline).Benzoyl peroxide will attack some forms of rubber, plastics, and coatings, presenting potential for fire and explosion.When heated to over 50 degrees C, the reaction of benzoyl peroxide and charcoal is violent.Do not mix unless approximately 33% water is present.Do not let material dry out.
Reactions resulting in flashing or explosion take place between benzoyl peroxide and organic materials(such as resins and oils), active carbon, metallic powders, and iron rust. Explosive or violent reactions result from benzoyl peroxide's contact with N,N-dimethylaniline, aniline, dimethylsulfide, lithium tetrahydroaluminate, lithium aluminum hydride, and N-bromosuccinimide + 4-toluic acid. Polymerization of vinyl acetate with benzoyl peroxide in ethyl acetate can result in discharge of a large volume of vapor which ignites and explodes.

Chemical stability

Stability: Do not let material dry out. Dry material can be explosive. Must be kept wetted with a minimum of 20% water. Stable under recommended storage conditions.

Possibility of Hazardous Reactions: Hazardous polymerization does not occur

Conditions to avoid: Heat. Ignition sources. Incompatible materials. When dry, the substance is very sensitive to shock and heat (explosion hazard).

Incompatible Materials:
Combustible materials
Lithium
Aluminum hydride
Amines
Metallic Naphthenates
Alcohols
Organic materials
Strong bases
Reducing agents
Metals
Rubber

Hazardous decomposition products: Carbon oxides. Biphenyls.

Other Information
Corrosivity: No information available

Special Remarks on Corrosivity: No information available

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Principal Routes of Exposure:
Skin. Inhalation. Ingestion.

Acute Toxicity

Component Information

Benzoyl Peroxide, Hydrous	
CAS-No.	94-36-0

LD50/oral/rat = 7710 mg/kg Oral LD50 Rat; 6400 mg/kg Oral LD50 Rat
LD50/oral/mouse = 1200 mg/kg
LD50/dermal/rabbit = No information available
LD50/dermal/rat = No information available
LC50/inhalation/rat = No information available
LC50/inhalation/mouse = No information available
Other LD50 or LC50information = No information available

Water	
CAS-No.	7732-18-5

LD50/oral/rat = > 90 mL/kg Oral LD50 Rat
LD50/oral/mouse = No information available
LD50/dermal/rabbit = No information available
LD50/dermal/rat = No information available
LC50/inhalation/rat = No information available
LC50/inhalation/mouse = No information available
Other LD50 or LC50information = No information available

Product Information

LD50/oral/rat =
VALUE- Acute Tox Oral = 7710 mg/kg

LD50/oral/mouse =
Value - Acute Tox Oral = 1200 mg/kg

LD50/dermal/rabbit
VALUE-Acute Tox Dermal = No information available

LD50/dermal/rat
VALUE -Acute Tox Dermal = No information available

LC50/inhalation/rat
VALUE-Vapor = No information available
VALUE-Gas = No information available
VALUE-Dust/Mist = No information available

LC50/Inhalation/mouse
VALUE-Vapor = No information available
VALUE - Gas = No information available
VALUE - Dust/Mist = No information available

Symptoms

Skin Contact: Causes mild to moderate skin irritation with moderate erythema (redness), inflammation, swelling, stinging sensation, and itching. Skin dryness and peeling may occur. It can be absorbed through intact skin where it is converted to Benzoic acid.

Eye Contact: Causes eye irritation. Eye contact can cause conjunctivitis, and superficial corneal opacity. No permanent eye injury has been noted.

Inhalation Inhalation of airborne concentrations greater than 12 mg/m^3 can cause respiratory tract (nose, throat) with sore throat, coughing, wheezing, dyspnea.

Ingestion May cause digestive tract/gastrointestinal tract irritation with abdominal pain, nausea, vomiting. It may affect the liver, kidneys and bladder, behavior/central nervous system (stupor, hallucinations, distorted perceptions), respiration (dyspena).

Aspiration hazard No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Chronic Toxicity Skin: Prolonged or repeated skin contact may cause allergic contact dermatitis. Skin dryness and peeling may also occur.Inhalation: Prolonged or repeated inhalation may cause lung irritation. It may also cause bronchitis to develop with cough, phlegm, and/or shortness of breath.

Sensitization: No information available.

Mutagenic Effects: May affect genetic material
Mutagenic effects in mammalian somatic cells

Carcinogenic effects: May cause cancer based on animal test data.

Components	CAS-No.	IARC	ACGIH - Carcinogens	NTP	OSHA HCS - Carcinogens	Australia - Notifiable Carcinogenic Substances	Australia - Prohibited Carcinogenic Substances
Benzoyl Peroxide, Hydrous	94-36-0	Group 3- Not classifiable - Monograph 71 [1999] Supplement 7 [1987] Monograph 36 [1985]	A4 Not Classifiable as a Human Carcinogen	Not listed	Not listed	Not listed	Not listed
Water	7732-18-5	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed

ACGIH (American Conference of Governmental Industrial Hygienists)

IARC (International Agency for Research on Cancer)

NTP (National Toxicology Program)

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

Reproductive toxicity No data is available

Reproductive Effects: No information available
Developmental Effects: No information available
Teratogenic Effects: No information available

Specific Target Organ Toxicity

STOT - single exposure No information available.
STOT - repeated exposure No information available.
Target Organs: No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Ecotoxicity effects: Very toxic to aquatic organisms.

Benzoyl Peroxide, Hydrous - 94-36-0
Freshwater Algae Data: 72 h EC50: 0.06 mg/l
Freshwater Fish Species Data: 96 h LC50 0.06 mg/l
Water Flea Data: 48 h EC50: 0.11 mg/ll (Daphnia Magna)

Persistence and degradability: No information available

Bioaccumulative potential: An estimated Biocentration Factor (BCF) value of 66.6.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

Waste from residues / unused products:
Waste must be disposed of in accordance with Federal, State and Local regulation.

Contaminated packaging:
Empty containers should be taken for local recycling, recovery or waste disposal

Components	CAS-No.	RCRA - F Series Wastes	RCRA - K Series Wastes	RCRA - P Series Wastes	RCRA - U Series Wastes
Benzoyl Peroxide, Hydrous	94-36-0	None	None	None	None
Water	7732-18-5	None	None	None	None

14. TRANSPORT INFORMATION

DOT

UN-No:	UN3104
Proper Shipping Name:	Organic peroxide type C, solid (benzoyl peroxide)
Hazard Class:	5.2
Subsidiary Class	No information available
Packing group:	No information available
Emergency Response Guide Number	146
Marine Pollutant	No data available
DOT RQ (lbs):	No information available
Special Provisions	No Information available
Symbol(s):	[DOT]: (G) - Identifies proper shipping names for which one or more technical names of the hazardous material must be entered in parentheses, in association with the basic description.
Description:	UN3104, Organic peroxide type C, solid (Benzoyl Peroxide, Hydrous), 5.2

TDG (Canada)

UN-No:	UN3104
Proper Shipping Name:	Organic peroxide type C, solid (benzoyl peroxide)
Hazard Class:	5.2
Subsidiary Risk:	No information available
Packing Group:	II
Marine Pollutant	No Information available
Description:	UN3104, Organic peroxide type C, solid (Benzoyl Peroxide, Hydrous), 5.2, II

ADR

UN-No:	UN3104
Proper Shipping Name:	Organic peroxide type C, solid (benzoyl peroxide)
Hazard Class:	5.2
Packing Group:	No information available
Subsidiary Risk:	No information available
Special Provisions	122, 274
Description:	UN3104, Organic peroxide type C, solid (Benzoyl Peroxide, Hydrous), 5.2

IMO / IMDG

UN-No:	UN3104
Proper Shipping Name:	Organic peroxide type C, solid (benzoyl peroxide)
Hazard Class:	5.2
Subsidiary Risk:	No information available
Packing Group:	No information available
Marine Pollutant	No information available
EMS:	F-J
Special Provisions	122, 195, 274
Description	UN3104, Organic peroxide type C, solid (Benzoyl Peroxide, Hydrous), 5.2

RID

UN-No:	UN3104
Proper Shipping Name:	Organic peroxide type C, solid (benzoyl peroxide)
Hazard Class:	5.2
Subsidiary Risk:	No information available
Packing Group:	No information available
Special Provisions	122, 274
Description:	UN3104, Organic peroxide type C, solid (Benzoyl Peroxide, Hydrous), 5.2

ICAO

UN-No:	UN3104
Proper Shipping Name:	Organic peroxide type C, solid (benzoyl peroxide)
Hazard Class:	5.2
Subsidiary Risk:	No information available
Packing Group:	No information available
Description:	UN3104, Organic peroxide type C, solid (Benzoyl Peroxide, Hydrous), 5.2
Special Provisions	A150, A20

IATA

UN-No:	UN3104
Proper Shipping Name:	Organic peroxide type C, solid (benzoyl peroxide)
Hazard Class:	5.2
Subsidiary Risk:	No information available
Packing Group:	No information available
ERG Code:	5L
Special Provisions	No information available
Description:	UN3104, Organic peroxide type C, solid (Benzoyl Peroxide, Hydrous), 5.2

15. REGULATORY INFORMATION

International Inventories

Components	CAS-No.	U.S. TSCA	KOREA KECL	Philippines (PICCS)	Japan ENCS	CHINA	Australia (AICS)	EINECS-No.
Benzoyl Peroxide, Hydrous	94-36-0	PresentACTIVE	Present KE-09889	Present	Present (3)-1349	Present	Present	Present 202-327-6
Water	7732-18-5	PresentACTIVE	Present KE-35400	Present	Not present	Present	Present	Present 231-791-2

U.S. Regulations

Benzoyl Peroxide, Hydrous

Massachusetts RTK: Present
New Jersey RTK Hazardous Substance List: 0215
New Jersey (EHS) List: 0215 500 lb TPQ
New Jersey - Discharge Prevention - List of Hazardous Substances: Present
New Jersey TCPA - EHS: 2500lbTQ

Pennsylvania RTK: Environmental hazard
Pennsylvania RTK - Environmental Hazard List Present
Minnesota - Hazardous Substance List: Present
California Directors List of Hazardous Substances: Present
FDA - Food Additives Generally Recognized as Safe (GRAS): 21 CFR 184.1157
FDA - 21 CFR - Total Food Additives - List Sourced from EAFUS 133.102, 133.106, 133.111, 133.141, 133.165, 133.181, 133.183, 133.195, 137.105, 172.814, 175.105, 176.170, 177.2420, 177.2600, 184.1157

California Prop. 65: Safe Drinking Water and Toxic Enforcement Act of 1986.

Chemicals Known to the State of California to Cause Cancer:
This product does not contain a chemical requiring a warning under California Prop. 65. (See table below)

Chemicals Known to the State of California to Cause Reproductive Toxicity:
This product does not contain a chemical requiring a warning under California Prop. 65. (See table below)

Components	CAS-No.	Carcinogen	Developmental Toxicity	Male Reproductive Toxicity	Female Reproductive Toxicity:
Benzoyl Peroxide, Hydrous	94-36-0	Not Listed	Not Listed	Not Listed	Not Listed
Water	7732-18-5	Not Listed	Not Listed	Not Listed	Not Listed

CERCLA/SARA

Components	CAS-No.	CERCLA - Hazardous Substances and their Reportable Quantities	Section 302 Extremely Hazardous Substances and TPQs	Section 302 Extremely Hazardous Substances and RQs	Section 313 - Chemical Category	Section 313 - Reporting de minimis
Benzoyl Peroxide, Hydrous	94-36-0	None	None	None	None	1.0 % de minimis concentration
Water	7732-18-5	None	None	None	None	None

U.S. TSCA

Components	CAS-No.	TSCA Section 5(a)2 - Chemicals With Significant New Use Rules (SNURS)	TSCA 8(d) -Health and Safety Reporting
Benzoyl Peroxide, Hydrous	94-36-0	Not Applicable	Not Applicable
Water	7732-18-5	Not Applicable	Not Applicable

Canada

WHIMIS 2015 - GHS Classifications

WHMIS 2015 Hazard Classification Information: The WHMIS 2015 classification of this product has not been validated or reviewed yet.

Component	WHMIS 2015 Hazard Classification
Water 7732-18-5 (20-25)	Not a dangerous product according to HPR classification criteria

Canada Hazardous Products Regulation This product has been classified according to the hazard criteria of the HPR (Hazardous Products Regulation) and the SDS contains all of the information required by the HPR

Components	WHMIS Ingredient Disclosure List -
Benzoyl Peroxide, Hydrous	1 %

Inventory

Components	CAS-No.	Canada (DSL)	Canada (NDSL)
Benzoyl Peroxide, Hydrous	94-36-0	Present	Not Listed

Water	7732-18-5	Present	Not Listed

Components	CAS-No.	CEPA Schedule I - Toxic Substances
Benzoyl Peroxide, Hydrous	94-36-0	Not listed
Water	7732-18-5	Not listed
Components	CAS-No.	CEPA - 2010 Greenhouse Gases Subject to Mandatory Reporting
Benzoyl Peroxide, Hydrous	94-36-0	Not listed
Water	7732-18-5	Not listed

EU Classification

EU GHS - SV - CLP 1272/2008

Components	CAS-No.	EU GHS - SV - CLP (1272/2008)
Benzoyl Peroxide, Hydrous	94-36-0	Organic Peroxides - Org. Perox. B: H241 Heating may cause a fire or explosion.; Serious Eye Damage/Eye Irritation - Eye Irrit. 2: H319 Causes serious eye irritation.; Skin sensitizers - Skin Sens. 1: H317 May cause allergic skin reaction.617-008-00-0
Water	7732-18-5	

EU - CLP (1272/2008)

R-phrase(s)

R 3 - Extreme risk of explosion by shock, friction, fire or other sources of ignition.
R 7 - May cause fire.
R36 - Irritating to eyes.
R43 - May cause sensitization by skin contact.

S -phrase(s)

S 2 - Keep out of the reach of children.
S14 - Keep away from easily oxidizable materials.
S 3/7 - Keep container tightly closed in a cool place.
S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

Components	CAS-No.	**Classification**	**Concentration Limits:**	**Safety Phrases**
Benzoyl Peroxide, Hydrous	94-36-0	E; R3 Xi; R36 R43 O; R7	No information	S2 S3/7 S14 S36/37/39
Water	7732-18-5		No information	

The product is classified in accordance with Annex VI to Directive 67/548/EEC

Indication of danger:

E - Explosive.
Xi - Irritant.
O - Oxidising.

16. OTHER INFORMATION

Preparation Date: 08/11/2015
Revision Date: 10/26/2018
Prepared by: Sonia Owen

Disclaimer: All chemicals may pose unknown hazards and should be used with caution. This Safety Data Sheet (SDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this SDS. The physical properties reported in this SDS are obtained from the literature and do not constitute product specifications. Information contained herein does not constitute a warranty, whether expressed or implied, as to the safety, merchantability or fitness of the goods for a particular purpose. Spectrum Chemicals & Laboratory Products, Inc. assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this SDS is based on technical data judged to be reliable, Spectrum assumes no responsibility for the completeness or accuracy of the information contained herein.

End of Safety Data Sheet