SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name or designation of the mixture	Blue Cr Hrd 4 oz/12
Registration number	-
Synonyms	None.
Product Code	27012
Issue date	04-21-2015
Version number	01

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

Identified uses	Cream Hardener, Polymer Reaction Catalyst
Uses advised against	None known.

1.3. Details of the supplier of the safety data sheet

Supplier

Company name	Quest Automotive Products	
Address	600 Nova Drive SE Massillon, OH 44646 US	
Division	Massillon	
Telephone	General Assistance	(330) 830-6000
e-mail	rpandrus@quest-ap.com	
Contact person	Not available.	
1.4. Emergency telephone number	CHEMTREC	(800) 424-9300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Directive 67/548/EEC or 1999/45/EC as amended

Classification	O;R8, R5, Xi;R36, R43

The full text for all R-phrases is displayed in section 16.

Classification according to Regulation (EC) No 1272/2008 as amended

Physical hazards		
Organic peroxides	Type E	H242 - Heating may cause a fire.
Health hazards		
Skin sensitization	Category 1	H317 - May cause an allergic skin reaction.
Environmental hazards		
Hazardous to the aquatic environment, long-term aquatic hazard	Category 4	H413 - May cause long lasting harmful effects to aquatic life.

Hazard summary

Physical hazards	Heating may cause an explosion. Contact with combustible material may cause fire.
Health hazards	Irritating to eyes. May cause sensitization by skin contact. Occupational exposure to the substance or mixture may cause adverse health effects.
Environmental hazards	Not classified for hazards to the environment.
Specific hazards	None known.
Main symptoms	May cause an allergic skin reaction. Dermatitis. Rash.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Contains:	Benzoyl peroxide

Hazard pictograms

Signal word Warning

Hazard statements

H242 Heating may cause a fire.
H317 May cause an allergic skin reaction.
H413 May cause long lasting harmful effects to aquatic life.

Precautionary statements

Prevention

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/fume/gas/mist/vapors/spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves/eye protection/face protection.

Response

P302 + P352 IF ON SKIN: Wash with plenty of water.
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.

Storage

P410 Protect from sunlight.
P411 + P235 Store at temperatures not exceeding 25°C / 77°F. Keep cool.
P420 Store away from other materials.

Disposal

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Supplemental label information 30% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

2.3. Other hazards None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Benzoyl peroxide	50 - < 60	94-36-0 202-327-6	-	617-008-00-0	

Classification: **DSD:** E;R3, O;R7, Xi;R36, R43

CLP: -

Other components below reportable levels 50 - < 60

List of abbreviations and symbols that may be used above

CLP: Regulation No. 1272/2008.
DSD: Directive 67/548/EEC.
M: M-factor
vPvB: very persistent and very bioaccumulative substance.
PBT: persistent, bioaccumulative and toxic substance.
#: This substance has been assigned Community workplace exposure limit(s).

Composition comments The full text for all R- and H-phrases is displayed in section 16.

SECTION 4: First aid measures

General information Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

4.1. Description of first aid measures

Inhalation Call a physician if symptoms develop or persist.

Skin contact Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.

Eye contact Rinse with water. Get medical attention if irritation develops and persists.

Ingestion Rinse mouth. Get medical attention if symptoms occur.

4.2. Most important symptoms and effects, both acute and delayed	May cause an allergic skin reaction. Dermatitis. Rash.
4.3. Indication of any immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

SECTION 5: Firefighting measures

General fire hazards	Heating may cause a fire.
5.1. Extinguishing media	
Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO_2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
5.2. Special hazards arising from the substance or mixture	During fire, gases hazardous to health may be formed.
5.3. Advice for firefighters	
Special protective equipment for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Special fire fighting procedures	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tanks due to fire.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
For emergency responders	Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.
6.2. Environmental precautions	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.
6.3. Methods and material for containment and cleaning up	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Prevent product from entering drains. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use.
6.4. Reference to other sections	For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

SECTION 7: Handling and storage

7.1. Precautions for safe handling	When using do not smoke. Keep away from clothing and other combustible materials. Keep away from heat, sparks and open flame. Avoid contact with eyes, skin, and clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.
7.2. Conditions for safe storage, including any incompatibilities	Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Keep only in the original container. Store away from other materials.
7.3. Specific end use(s)	Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

Austria. MAK List, OEL Ordinance (GwV), BGBl. II, no. 184/2001

Components	Type	Value	Form
Benzoyl peroxide (CAS 94-36-0)	Ceiling	10 mg/m3	Inhalable fraction.
	MAK	5 mg/m3	Inhalable fraction.
Calcium Sulfate Dihydrate (CAS 7778-18-9)	MAK	5 mg/m3	Respirable fraction.
	STEL	10 mg/m3	Respirable fraction.

Belgium. Exposure Limit Values.

Components	Type	Value
Benzoyl peroxide (CAS 94-36-0)	TWA	5 mg/m3
Calcium Sulfate Dihydrate (CAS 7778-18-9)	TWA	10 mg/m3
Zinc Stearate (CAS 557-05-1)	TWA	10 mg/m3

Bulgaria. OELs. Regulation No 13 on protection of workers against risks of exposure to chemical agents at work

Components	Type	Value	Form
Calcium Sulfate Dihydrate (CAS 7778-18-9)	TWA	6 mg/m3	Inhalable fraction.
		10 mg/m3	

Croatia. Dangerous Substance Exposure Limit Values in the Workplace (ELVs), Annexes 1 and 2, Narodne Novine, 13/09

Components	Type	Value	Form
Benzoyl peroxide (CAS 94-36-0)	MAC	5 mg/m3	
Zinc Stearate (CAS 557-05-1)	MAC	4 mg/m3	Respirable dust.
		10 mg/m3	Total dust.
	STEL	20 mg/m3	Total dust.
		20 mg/m3	Respirable dust.

Czech Republic. OELs. Government Decree 361

Components	Type	Value	Form
Benzoyl peroxide (CAS 94-36-0)	Ceiling	10 mg/m3	
	TWA	5 mg/m3	
Calcium Sulfate Dihydrate (CAS 7778-18-9)	TWA	5 mg/m3	Dust.
ferric ammonium ferrocyanide (CAS 25869-00-5)	TWA	10 mg/m3	

Denmark. Exposure Limit Values

Components	Type	Value
Benzoyl peroxide (CAS 94-36-0)	TLV	5 mg/m3

Estonia. OELs. Occupational Exposure Limits of Hazardous Substances. (Annex of Regulation No. 293 of 18 September 2001)

Components	Type	Value
Benzoyl peroxide (CAS 94-36-0)	TWA	5 mg/m3

Finland. Workplace Exposure Limits

Components	Type	Value	Form
Benzoyl peroxide (CAS 94-36-0)	STEL	10 mg/m3	
	TWA	5 mg/m3	
Calcium Sulfate Dihydrate (CAS 7778-18-9)	TWA	10 mg/m3	Dust.
Zinc Stearate (CAS 557-05-1)	TWA	10 mg/m3	

France. Threshold Limit Values (VLEP) for Occupational Exposure to Chemicals in France, INRS ED 984

Components	Type	Value
Benzoyl peroxide (CAS 94-36-0)	VME	5 mg/m3
Calcium Sulfate Dihydrate (CAS 7778-18-9)	VME	10 mg/m3
Zinc Stearate (CAS 557-05-1)	VME	10 mg/m3

Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)

Components	Type	Value	Form
Benzoyl peroxide (CAS 94-36-0)	TWA	5 mg/m3	Inhalable fraction.
Calcium Sulfate Dihydrate (CAS 7778-18-9)	TWA	4 mg/m3	Inhalable fraction.
		1,5 mg/m3	Respirable fraction.
Zinc Stearate (CAS 557-05-1)	TWA	2 mg/m3	Inhalable fraction.
		0,1 mg/m3	Respirable fraction.

Germany. TRGS 900, Limit Values in the Ambient Air at the Workplace

Components	Type	Value	Form
Benzoyl peroxide (CAS 94-36-0)	AGW	5 mg/m3	Inhalable fraction.
Calcium Sulfate Dihydrate (CAS 7778-18-9)	AGW	6 mg/m3	Respirable fraction.

Greece. OELs (Decree No. 90/1999, as amended)

Components	Type	Value	Form
Benzoyl peroxide (CAS 94-36-0)	TWA	5 mg/m3	
Calcium Sulfate Dihydrate (CAS 7778-18-9)	TWA	5 mg/m3	Respirable.
		10 mg/m3	Inhalable
		10 mg/m3	

Hungary. OELs. Joint Decree on Chemical Safety of Workplaces

Components	Type	Value	Form
Benzoyl peroxide (CAS 94-36-0)	STEL	5 mg/m3	
	TWA	5 mg/m3	
Calcium Sulfate Dihydrate (CAS 7778-18-9)	TWA	6 mg/m3	Respirable.

Iceland. OELs. Regulation 154/1999 on occupational exposure limits

Components	Type	Value
Benzoyl peroxide (CAS 94-36-0)	TWA	5 mg/m3

Ireland. Occupational Exposure Limits

Components	Type	Value	Form
Benzoyl peroxide (CAS 94-36-0)	TWA	5 mg/m3	
Calcium Sulfate Dihydrate (CAS 7778-18-9)	TWA	10 mg/m3	
Zinc Stearate (CAS 557-05-1)	STEL	20 mg/m3	Total inhalable dust.
	TWA	4 mg/m3	Respirable dust.
		10 mg/m3	Total inhalable dust.

Italy. Occupational Exposure Limits

Components	Type	Value	Form
Benzoyl peroxide (CAS 94-36-0)	TWA	5 mg/m3	
Calcium Sulfate Dihydrate (CAS 7778-18-9)	TWA	10 mg/m3	Inhalable fraction.
Zinc Stearate (CAS 557-05-1)	TWA	10 mg/m3	

Latvia. OELs. Occupational exposure limit values of chemical substances in work environment

Components	Type	Value
Calcium Sulfate Dihydrate (CAS 7778-18-9)	TWA	4 mg/m3

Lithuania. OELs. Limit Values for Chemical Substances, General Requirements

Components	Type	Value
Zinc Stearate (CAS 557-05-1)	TWA	5 mg/m3

Norway. Administrative Norms for Contaminants in the Workplace

Components	Type	Value
Benzoyl peroxide (CAS 94-36-0)	TLV	5 mg/m3

Poland. MACs. Minister of Labour and Social Policy Regarding Maximum Allowable Concentrations and Intensities in Working Environment

Components	Type	Value	Form
Benzoyl peroxide (CAS 94-36-0)	STEL	10 mg/m3	
	TWA	5 mg/m3	
Calcium Sulfate Dihydrate (CAS 7778-18-9)	TWA	10 mg/m3	Total dust.

Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796)

Components	Type	Value	Form
Benzoyl peroxide (CAS 94-36-0)	TWA	5 mg/m3	
Calcium Sulfate Dihydrate (CAS 7778-18-9)	TWA	10 mg/m3	Inhalable fraction.
Zinc Stearate (CAS 557-05-1)	TWA	10 mg/m3	

Romania. OELs. Protection of workers from exposure to chemical agents at the workplace

Components	Type	Value	Form
Calcium Sulfate Dihydrate (CAS 7778-18-9)	TWA	10 mg/m3	Inhalable fraction.
Zinc Stearate (CAS 557-05-1)	TWA	10 mg/m3	Inhalable fraction.

Slovakia. OELs. Regulation No. 300/2007 concerning protection of health in work with chemical agents

Components	Type	Value	Form
Benzoyl peroxide (CAS 94-36-0)	TWA	5 mg/m3	
Calcium Sulfate Dihydrate (CAS 7778-18-9)	TWA	4 mg/m3	Inhalable fraction.
		1,5 mg/m3	Respirable fraction.
Zinc Stearate (CAS 557-05-1)	TWA	2 mg/m3	Inhalable fraction.
		0,1 mg/m3	Respirable fraction.

Slovenia. OELs. Regulations concerning protection of workers against risks due to exposure to chemicals while working (Official Gazette of the Republic of Slovenia)

Components	Type	Value	Form
Benzoyl peroxide (CAS 94-36-0)	TWA	5 mg/m3	Inhalable fraction.
Calcium Sulfate Dihydrate (CAS 7778-18-9)	TWA	6 mg/m3	Respirable fraction.

Spain. Occupational Exposure Limits

Components	Type	Value
Benzoyl peroxide (CAS 94-36-0)	TWA	5 mg/m3
Calcium Sulfate Dihydrate (CAS 7778-18-9)	TWA	10 mg/m3
Zinc Stearate (CAS 557-05-1)	TWA	10 mg/m3

Sweden. Occupational Exposure Limit Values

Components	Type	Value	Form
Zinc Stearate (CAS 557-05-1)	TWA	5 mg/m3	Total dust.

Switzerland. SUVA Grenzwerte am Arbeitsplatz

Components	Type	Value	Form
Benzoyl peroxide (CAS 94-36-0)	STEL	5 mg/m3	Inhalable dust.
	TWA	5 mg/m3	Inhalable dust.
Calcium Sulfate Dihydrate (CAS 7778-18-9)	TWA	3 mg/m3	Respirable dust.
Zinc Stearate (CAS 557-05-1)	STEL	4 mg/m3	Inhalable dust.
		0,4 mg/m3	Respirable dust.
	TWA	3 mg/m3	Respirable dust.

UK. EH40 Workplace Exposure Limits (WELs)

Components	Type	Value	Form
Benzoyl peroxide (CAS 94-36-0)	TWA	5 mg/m3	
Zinc Stearate (CAS 557-05-1)	STEL	20 mg/m3	Inhalable dust.
	TWA	4 mg/m3	Respirable dust.
		10 mg/m3	Inhalable dust.

Biological limit values No biological exposure limits noted for the ingredient(s).

Recommended monitoring procedures Follow standard monitoring procedures.

Derived no-effect level (DNEL) Not available.

Predicted no effect concentrations (PNECs) Not available.

Exposure guidelines Occupational Exposure Limits are not relevant to the current physical form of the product.

8.2. Exposure controls

Appropriate engineering controls Good general ventilation (typically 10 air changes per hour) 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.

Individual protection measures, such as personal protective equipment

General information Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Eye/face protection Wear eye/face protection. If contact is likely, safety glasses with side shields are recommended.

Skin protection

- Hand protection Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

- Other Wear appropriate chemical resistant clothing.

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

Hygiene measures When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

Environmental exposure controls Inform appropriate managerial or supervisory personnel of all environmental releases.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state Solid.

Form Solid. Paste Paste.

Color Blue

Odor Not available.

Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Vapor pressure	0,0002 hPa estimated
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Solubility (other)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	122 °F (50 °C) SADT
Viscosity	Not available.
Explosive properties	Not available.
Oxidizing properties	Not available.
9.2. Other information	
Density	9,98 lbs/gal
Percent volatile	20 % estimated
Specific gravity	1,2

SECTION 10: Stability and reactivity

10.1. Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
10.2. Chemical stability	Material is stable under normal conditions.
10.3. Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
10.4. Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources. Sunlight. Avoid temperatures exceeding the decomposition temperature. Contact with incompatible materials.
10.5. Incompatible materials	Acids. Strong oxidizing agents. Combustible material. Aluminum. Phosphorus. Amines. Alcohols.
10.6. Hazardous decomposition products	No hazardous decomposition products are known.

SECTION 11: Toxicological information

General information	Occupational exposure to the substance or mixture may cause adverse effects.
Information on likely routes of exposure	
Inhalation	No adverse effects due to inhalation are expected.
Skin contact	May cause an allergic skin reaction.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.
Symptoms	May cause an allergic skin reaction. Dermatitis. Rash.
11.1. Information on toxicological effects	
Acute toxicity	May cause an allergic skin reaction.

Components	Species	Test Results
Benzoyl peroxide (CAS 94-36-0)		
Acute		
Oral		
LD50	Rat	7710 mg/kg

* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation	Due to partial or complete lack of data the classification is not possible.
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.
Respiratory sensitization	Due to partial or complete lack of data the classification is not possible.
Skin sensitization	May cause an allergic skin reaction.
Germ cell mutagenicity	Due to partial or complete lack of data the classification is not possible.
Carcinogenicity	Due to partial or complete lack of data the classification is not possible.

IARC Monographs. Overall Evaluation of Carcinogenicity

Benzoyl peroxide (CAS 94-36-0)	3 Not classifiable as to carcinogenicity to humans.

Reproductive toxicity	Due to partial or complete lack of data the classification is not possible.
Specific target organ toxicity - single exposure	Due to partial or complete lack of data the classification is not possible.
Specific target organ toxicity - repeated exposure	Due to partial or complete lack of data the classification is not possible.
Aspiration hazard	Due to partial or complete lack of data the classification is not possible.
Mixture versus substance information	No information available.
Other information	Not available.

SECTION 12: Ecological information

12.1. Toxicity	May cause long lasting harmful effects to aquatic life.
12.2. Persistence and degradability	No data is available on the degradability of this product.
12.3. Bioaccumulative potential	
Partition coefficient n-octanol/water (log Kow)	
Benzoyl peroxide	3,46
Bioconcentration factor (BCF)	Not available.
12.4. Mobility in soil	No data available.
12.5. Results of PBT and vPvB assessment	Not available.
12.6. Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residual waste	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.
EU waste code	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Disposal methods/information	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
Special precautions	Dispose in accordance with all applicable regulations.

SECTION 14: Transport information

ADR

14.1. UN number	UN3108
14.2. UN proper shipping name	Organic peroxide type E, solid (<52% Dibenzoyl Peroxide as a paste)
14.3. Transport hazard class(es)	
Class	5.2
Subsidiary risk	-
Label(s)	5.2
Hazard No. (ADR)	Not available.
Tunnel restriction code	Not available.
14.4. Packing group	Not applicable.
14.5. Environmental hazards	No.
14.6. Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.

RID

14.1. UN number	UN3108
14.2. UN proper shipping name	ORGANIC PEROXIDE TYPE E, SOLID (<52% Dibenzoyl Peroxide as a paste)
14.3. Transport hazard class(es)	
Class	5.2
Subsidiary risk	-
Label(s)	5.2
14.4. Packing group	Not applicable.
14.5. Environmental hazards	No.
14.6. Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.

ADN

14.1. UN number	UN3108
14.2. UN proper shipping name	Organic peroxide type E, solid (<52% Dibenzoyl Peroxide as a paste)
14.3. Transport hazard class(es)	
Class	5.2
Subsidiary risk	-
Label(s)	5.2
14.4. Packing group	Not applicable.
14.5. Environmental hazards	No.
14.6. Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.

IATA

14.1. UN number	UN3108
14.2. UN proper shipping name	Organic peroxide type E, solid (<52% Dibenzoyl Peroxide as a paste)
14.3. Transport hazard class(es)	
Class	5.2
Subsidiary risk	-
14.4. Packing group	Not applicable.
14.5. Environmental hazards	No.
ERG Code	5L
14.6. Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo aircraft	Allowed.
Cargo aircraft only	Allowed.

IMDG

14.1. UN number	UN3108
14.2. UN proper shipping name	Organic peroxide type E, solid (<52% Dibenzoyl Peroxide as a paste)
14.3. Transport hazard class(es)	
Class	5.2
Subsidiary risk	-
14.4. Packing group	Not applicable.

14.5. Environmental hazards

Marine pollutant	Yes
EmS	F-J,S-R
14.6. Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

ADN; ADR; IMDG; RID

IATA

Marine pollutant

SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I, as amended

Not listed.

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex II, as amended

Not listed.

Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1 as amended

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2 as amended

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3 as amended

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V as amended

Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended

Not listed.

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA

Not listed.

Authorizations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended

Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended

Not listed.

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended

Not listed.

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding, as amended

Not listed.

Other EU regulations

Directive 2012/18/EU on major accident hazards involving dangerous substances

Benzoyl peroxide (CAS 94-36-0)

Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work, as amended

Benzoyl peroxide (CAS 94-36-0)

Directive 94/33/EC on the protection of young people at work, as amended

Benzoyl peroxide (CAS 94-36-0)

Other regulations	The product is classified and labelled in accordance with EC directives or respective national laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.
National regulations	Young people under 18 years old are not allowed to work with this product according to EU Directive 94/33/EC on the protection of young people at work. Follow national regulation for work with chemical agents.
15.2. Chemical safety assessment	No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

List of abbreviations	Not available.
References	Not available.
Information on evaluation method leading to the classification of mixture	The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.
Full text of any statements or R-phrases and H-statements under Sections 2 to 15	R3 Extreme risk of explosion by shock, friction, fire or other sources of ignition. R36 Irritating to eyes. R43 May cause sensitization by skin contact. R5 Heating may cause an explosion. R7 May cause fire. R8 Contact with combustible material may cause fire.
Revision information	None.
Training information	Follow training instructions when handling this material.
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