

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY

NAME OF THE PRODUCT	Catalyser for resin
CODE	090067 (25 g) 090068 (50 g)
DISTRIBUTOR	BOSSAUTO INNOVA, S.A.
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2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

A. Regulation n°1272/2008 (CLP)



GHS02 Flame

Flam. Liq. 3 H226 Flammable liquids and vapours.



GHS09 Environment

Aquatic Acute 1 H400 Very toxic for aquatic life.



GHS07

Skin irrit. 1 H317 May cause an allergic skin reaction.

Eye irrit. 2 H319 Causes serious eye damage.

B. According to Directives 67/548/ECC and 1999/45/EC



Xi, Irritant

R36 Irritating to eyes.



Xi, Sensitizing

R43 Possibility of sensitization in contact with skin.



O; Combustion

R7: May cause fire.



N; Dangerous for environment

R50: Very toxic to aquatic organisms.

C. Information concerning particular hazards for human and environment

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

D. Classification system

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

2.2. Label elements

A. Labelled according to Regulation (EC) n° 1272/2008

This product has been classified and labelled according to CLP Regulation.

• Hazard pictograms



GHS02 GHS07 GHS09

• Signal word

Attention

• Hazard-determining components of labelling

dibenzoylperoxide

• Hazard statements

H242 Heating may cause fire.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H400 Very toxic to aquatic life.

• Precautionary statements

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P220 Keep/store away from clothes/combustible materials.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P305+P351+P338 IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P410 Protect from sunlight.

P411+P235 Store at temperatures not exceeding 25°C. Keep cool.

- **Additional information**
Restricted to professional users.

2.3. Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.









vPvB: Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Chemical characteristics

Mixtures.

Description: Mixture of substances listed below with nonhazardous additions.

CAS: 94-36-0 EINECS: 202-327-6 Reg.nr.: 01-2119511472-50	dibenzoylperoxide  Xi R36;  Xi R43;  E R3;  O R7;  N R50  Org. Perox. B, H241;  Aquatic Acute 1, H400;  Eye Irrit. 2, H319; Skin Sens. 1, H317	25-50%
CAS: 131-11-3 EINECS: 205-011-6	dimethyl phthalate substance with a Community exposure limit is applied in the workplace	25-50%

Additional information: For the wording of the listed risk phrases refer to section 16.

4. FIRST AID MEASURES

4.1. Description of first aid measures

A. After inhalation

If disorders, seek medical attention. Supply enough fresh air and, for safety, consult a doctor. In case of unconsciousness place patient stably in side position for transportation.

B. After skin contact

In case of repeated skin irritation, seek medical attention.

C. After eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

D. After swallowing

If symptoms persist consult doctor.

4.2. Most important symptoms and effects, both acute and delayed:

No further relevant information available.

4.3. Indication of any immediate medical attention and special treatment needed:

No further relevant information available.

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing agents: CO₂, powder or sprayed water jet. Extinguish large fires with sprayed water jet or alcohol resistant foam.

5.2. Special hazards caused by the substance, its products of combustion or resulting gases

No further relevant information available.

5.3. Advice for firefighters

Special protective equipment: Mouth respiratory protective device.

Additional information: cool exposed containers with sprayed water jet.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protective clothes.

6.2. Environmental precautions

Do not allow to enter sewers/ surface or ground water.

If enters in water or sewers, inform appropriate authorities.

6.3. Methods and material for containment and cleaning up

Pour into appropriate recovery containers or disposable containers.

6.4. Reference to other sections

See section 7 for information on safe handling.

See section 8 for information on personal protection equipment.

See section 13 for disposal information.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Use only in well-ventilated areas.

Work only with active suction system.

A. Fire-and explosion prevention

Use explosion-proof equipment and accessories, and non sparking tools.

7.2. Conditions for a safety storage, including incompatibilities

A. Requirements to be met by storerooms and receptacles

Not required.

B. Information about storage in one common storage facility

Do not store with reducing agents, heavy metals, acids and alkalis.

Do not store with food.

C. Further information about storage conditions

Keep container tightly closed.

Store class: 5.2.

7.3. Specific end uses

No further information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical facilities: No further data; see item 7.

8.1. Control parameters

Ingredients with admissible limit values to be controlled

94-36-0 dibenzoylperoxide
LEP () Long-term value: 5 mg/m ³ Sen
131-11-3 dimethyl phthalate
LEP () Long-term value: 5 mg/m ³

Additional information: the lists valid during the making were used as basis.

8.2. Exposure control.

A. Personal protective equipment

• General protective and hygienic measures

Keep away from foodstuffs, beverages and feed.
 Immediately remove all soiled and contaminated clothing.
 Wash hands before breaks and at the end of work.
 Avoid contact with the eyes.
 Avoid contact with the eyes and skin.

• Respiratory protection



In case of a short or low intensity exposure, use a respiratory mask.
 In case of a long or intensive exposure, use a self-contained breathing apparatus.
 Filter A/P2

• Hands protection



Protective gloves

Material of gloves: chloroprene rubber.
 Recommended thickness: ≥0.6mm
 Penetration time of glove material: Permeation value: Level ≤6

• Eye protection

Tightly sealed goggles.



• Body protection

Wear protective working clothes.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic physical and chemical properties

Form	Paste
Colour	Red

Odour	Characteristic
Odour threshold	Undetermined
pH value	Mildly acid
Melting point/melting range	>3000°C
Boiling point/boiling range	100°C
Flash point	Not applicable
Flammability (solid, gas)	May cause fires
Ignition temperature	555°C (DIN 51794)
Decomposition temperature	Undetermined
Self-ignition	Product is no self-igniting.
Danger of explosion	Not determined
Lower explosion limit	Not determined
Upper explosion limit	Not determined
Vapour pressure at 20°C	23 hPa
Density at 20°C	1,1 g/cm ³ (DIN 53217)
Bulk density at 20 °C	20-200 kg/m ³
Relative density	Not determined
Vapour density	Not applicable
Evaporation rate	Not applicable
Solubility/miscibility in water	Not miscible or difficult to mix.
Partition coefficient (n-octanol/water)	Not determined
Viscosity	
Dynamic at 20°C	10000 mPas
Kinematic	Not determined
Solvent content	
Organic solvents	0.0%
VOC (EC)	10.7 g/l
Solids content	89.3%

10. STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability

Thermal decomposition/ conditions to avoid: Do not heat to avoid thermal decomposition.

10.3. Dangerous reactions

Reacts with acids, alkalis and oxidants.

10.4. Conditions to avoid

No further information available.

10.5. Incompatible materials

No further information available.

10.6. Dangerous decomposition products

Carbon monoxide and carbon dioxide.

Benzol.

Carbon monoxide.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological

A. Acute toxicity

- **Primary irritant effect**

On skin: not irritating.

On the eye: not irritating.

Sensitization: May cause sensitization in contact with skin.

B. Additional toxicological information

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the lasted version:

Irritant

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Aquatic toxicity: No further information available.

12.2. Persistence and degradability

No further information available.

12.3. Bioaccumulation potential

No further information available.

12.4. Mobility in soil

No further information available.

Additional environmental directions:

- **General directions:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Very toxic for aquatic organisms.

12.5. Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6. Other adverse effects

No further information available.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Recommendation: must not be disposed together with household garbage. Do not allow product to reach sewage system.

· European waste catalogue

08 01 11* Waste of paint and varnish containing organic solvents and other hazardous substances.

08 04 99 Wastes not otherwise specified.

13.2. Uncleansed packages

Recommendation: Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

14.1. UN-Number

ADR, IMDG, IATA: UN3108

14.2. UN proper shipping name

ADR: 3108 SOLID ORGANIC PEROXIDE TYPE E (dibenzoylperoxide), ENVIRONMENTALLY HAZARDOUS

IMDG: ORGANIC PEROXIDE TYPE E, SOLID (dibenzoyl peroxide), MARINE POLLUTANT

IATA: ORGANIC PEROXIDE TYPE E, SOLID (dibenzoyl peroxide)

14.3. Transport hazard class

· ADR



Class: 5.2 (8B) organic peroxides

Label: 5.2

· IMDG



Class: 5.2 Organic peroxides

Label: 5.2

· IATA



Class: 5.2 Organic peroxides

Label: 5.2

14.4. Packaging group

ADR, IMDG, IATA: Void

14.5. Environmental hazards

Marine pollutant: Yes

Symbol (fish and tree)

14.6. Special precautions for users:

Warning: organic peroxides

Kemler number: -

EMS number: F-J, S-R

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable.

A. Transport/additional data

ADR

Transport category: 2

Tunnel restriction code: D

B. UN "Model Regulation"

UN3108, SOLID ORGANIC PEROXIDE TYPE E (dibenzoylperoxide), ENVIRONMENTALLY HAZARDOUS, 5.2.

15. REGULATORY INFORMATION

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

No further relevant information available.

15.2. Chemical safety assessment:

A chemical safety assessment has not been carried out.

16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

A. Relevant phrases

H241 Heating may cause a fire or explosion.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

R3 High risk of explosion by shock, friction, fire or other sources of ignition.

R36 Irritating to eyes.

R43 Possibility of sensitization in contact with skin.

R50 Very toxic to aquatic life.

R7 May cause fires.

B. Abbreviations and acronyms

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organization

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

Org. Perox. B: Organic Peroxides, Type B

Org. Perox. EF: Organic Peroxides, Types E, F

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1



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The statements made here should describe the product with regard to the necessary safety precautions – they are no meant to guarantee definite characteristics – but they are based on our present up-to-date knowledge. No responsibility