



Isopon BPO Hardener (RBPO-R-AU)

Safety Data Sheet

according to the Model Work Health and Safety Regulations

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DRIVING SURFACE PERFECTION

SECTION 1: Identification : Product identifier and chemical identity

Product name : Isopon BPO Hardener (RBPO-R-AU)
Other means of identification : H/RE01S, H/RE10S, H/RE15S, H/RE20S, H/RE25S
Company identification : U-POL AUSTRALIA PTY LIMITED
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Emergency telephone number : + (61) - 290372994

SECTION 2: Hazards identification

2.1. Classification of the hazardous chemical

Classification (GHS-AU)

Eye Irrit. 2 H319
Skin Sens. 1 H317
Aquatic Acute 1 H400
Self-react. E H242

2.2. Label elements

Hazard pictograms (GHS-AU) :



Signal word (GHS-AU) : Warning
Contains : dibenzoyl peroxide, benzoyl peroxide
Hazard statements (GHS-AU) : H242 - Heating may cause a fire
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H400 - Very toxic to aquatic life
Precautionary statements (GHS-AU) : P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking
P261 - Avoid breathing vapours, fume
P273 - Avoid release to the environment
P280 - Wear eye protection, protective clothing, protective gloves
P302+P352 - IF ON SKIN: Wash with plenty of soap and water
P305 - IF IN EYES: Rinse first with plenty of water and if necessary take medical advice
P411 - Store at temperatures not exceeding 30°C
P312 - Call a POISON CENTER or doctor/physician if you feel unwell

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

Name	CAS No	Compound type	%
dibenzoyl peroxide, benzoyl peroxide	94-36-0		43 - 63

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact : 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.

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First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

4.2. Symptoms caused by exposure

Symptoms/injuries after skin contact : May cause an allergic skin reaction.

Symptoms/injuries after eye contact : Eye irritation.

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

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Heating may cause a fire.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

Other information : Use fire control measures appropriate for the surrounding fire. Exposure to fire and heat radiation may cause gas receptacles to rupture. Cool endangered receptacles with water spray jet from a protected position. Prevent water used in emergency cases from entering sewers and drainage systems.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Safety glasses. Protective clothing. Gloves.

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes. Avoid breathing fume, vapours.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Do not allow to dry. Collect spillage.

Methods for cleaning up : Mechanically recover the product. Notify authorities if product enters sewers or public waters.

SECTION 7: Handling and storage, including how the chemical may be safely used

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Take precautions against electrostatic charges. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing fume, vapours.

Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store away from other materials. Store in a well-ventilated place. Keep cool. Keep only in original container.

Incompatible materials : combustible materials.

Storage temperature : < 30 °C

Storage area : Store in a well-ventilated place.

Special rules on packaging : Keep only in original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters - exposure standards

dibenzoyl peroxide, benzoyl peroxide (94-36-0)		
Australia	Local name	Benzoyl peroxide
Australia	TWA (mg/m ³)	5 mg/m ³

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Exposure limit values for the other components

8.2. Monitoring

No additional information available

8.3. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

8.4. Personal protective equipment

Personal protective equipment : Protective clothing. Safety glasses. Gloves.
Materials for protective clothing : Impermeable clothing
Hand protection : Protective gloves
Eye protection : Safety glasses
Skin and body protection : Wear suitable protective clothing
Respiratory protection : Where exposure through inhalation may occur from use, respiratory protection equipment is recommended



Environmental exposure controls : Avoid release to the environment.

9.1. SECTION 9: Physical and chemical properties

Physical state : Solid
Appearance :
Paste.
Colour : Various.
Odour : characteristic.
Odour threshold : No data available
pH : No data available
Relative evaporation rate (butylacetate=1) : No data available
Melting point / Freezing point : Freezing point : Not applicable
Boiling point : No data available
Flash point : Not applicable
Auto-ignition temperature : Not applicable
Flammability (solid, gas) : No data available
Vapour pressure : No data available
Relative density : No data available
Density : Density : $\approx 1.1 \text{ g/cm}^3$
Relative density : Not applicable
Solubility : insoluble in water.
Log Pow : No data available
Viscosity : Viscosity, kinematic : Not applicable
Explosive properties : No data available
Explosive limits : Not applicable
Minimum ignition energy : No data available
SADT : 50 °C
VOC content : 0 g/l
VOC content - Regulatory : No data available

10.1. SECTION 10: Stability and reactivity

Reactivity : Heating may cause a fire. Heating may cause a fire
Chemical stability : SADT.
Possibility of hazardous reactions : No dangerous reactions known under normal conditions of use.
Conditions to avoid : Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

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Incompatible materials : Combustible materials.
Hazardous decomposition products : Benzene.

11.1. SECTION 11: Toxicological information

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Causes serious eye irritation.
Respiratory or skin sensitisation : May cause an allergic skin reaction.
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified
Aspiration hazard : Not classified

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Density	≈ 1.1 g/cm ³
Viscosity, kinematic	Not applicable

SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets , Environmental classification information is not mandatory . Information relevant for GHS classification is available on request

12.1. Ecotoxicity

Ecology - general : Very toxic to aquatic life.
Acute aquatic toxicity : Very toxic to aquatic life.
Chronic aquatic toxicity : Not classified

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified
Other adverse effects : No additional information available

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Fluorinated greenhouse gases	False

dibenzoyl peroxide, benzoyl peroxide (94-36-0)	
Fluorinated greenhouse gases	False

SECTION 13: Disposal considerations

Regional legislation (waste) : Disposal must be done according to official regulations.
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

14.1. UN number

UN-No. (ADG) : 3108
UN-No. (IMDG) : 3108
UN-No. (IATA) : 3108

14.2. Proper Shipping Name - Addition

Proper Shipping Name (ADG) : ORGANIC PEROXIDE TYPE E, SOLID
Proper Shipping Name (IMDG) : ORGANIC PEROXIDE TYPE E, SOLID

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Proper Shipping Name (IATA) : Organic peroxide type e, solid

14.3. Transport hazard class(es)

ADG

Transport hazard class(es) (ADG) : 5.2

Danger labels (ADG) : 5.2,



IMDG

Transport hazard class(es) (IMDG) : 5.2

Danger labels (IMDG) : 5.2



IATA

Transport hazard class(es) (IATA) : 5.2

Hazard labels (IATA) : 5.2



14.4. Packing group

Packing group (ADG) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

14.5. Environmental hazards

Marine pollutant : Yes

Dangerous for the environment : Yes

14.6. Special precautions for user

Specific storage requirement : No data available

Shock sensitivity : No data available

14.7. Additional information

Other information : No supplementary information available

Transport by road and rail

UN-No. (ADG) : 3108

Special provision (ADG) : 122, 274, 323

Limited quantities (ADG) : 500g

Packing instructions (ADG) : P520

Transport by sea

UN-No. (IMDG) : 3108

Special provisions (IMDG) : 122, 274

Limited quantities (IMDG) : 500 g

Excepted quantities (IMDG) : E0

Packing instructions (IMDG) : P520

EmS-No. (Fire) : F-J - FIRE SCHEDULE Juliet - NON-TEMPERATURE-CONTROLLED SELF-REACTIVES AND ORGANIC PEROXIDES

EmS-No. (Spillage) : S-R - SPILLAGE SCHEDULE Romeo - ORGANIC PEROXIDES

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Stowage category (IMDG) : D
Properties and observations (IMDG) : Decomposes at elevated temperatures or in a fire. Burns vigorously. Insoluble in water. Contact with the eyes and skin should be avoided. May evolve irritant or toxic fumes.

Air transport

UN-No. (IATA) : 3108
PCA Excepted quantities (IATA) : E0
PCA Limited quantities (IATA) : Forbidden
PCA limited quantity max net quantity (IATA) : Forbidden
PCA packing instructions (IATA) : 570
PCA max net quantity (IATA) : 10kg
CAO packing instructions (IATA) : 570
CAO max net quantity (IATA) : 25kg
Special provisions (IATA) : A20
ERG code (IATA) : 5L

14.8. Hazchem or Emergency Action Code

Hazchemcode : Not applicable

SECTION 15: Regulatory information

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

Listed on the AICS (Australian Inventory of Chemical Substances) : Listed on the AICS (Australian Inventory of Chemical Substances)
Relevant Poisons Schedule number : Schedule 5

15.2. International agreements

No additional information available

SECTION 16: Any other relevant information

Classification:

Eye Irrit. 2	H319
Skin Sens. 1	H317
Aquatic Acute 1	H400
Self-react. E	H242

Full text of H-statements:

Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Org. Perox. B	Organic Peroxides, Type B
Self-react. E	Self-Reactive Substances and Mixtures, Type E
Skin Sens. 1	Sensitisation — Skin, Category 1
H241	Heating may cause a fire or explosion
H242	Heating may cause a fire
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H400	Very toxic to aquatic life

SDS Australia U-POL

For professional use only.

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