

Version: 03
Product Name: INDIAPOL SBR-1712

Issue date: 28th Jun, 2016
Revision date: 2nd May, 2019

Section 1: Identification of the Substance & the Company/ Undertaking

1.1 Product identifier

Product Name : INDIAPOL SBR-1712

1.2 Other means of identification

Synonyms : No information available

1.3 Recommended use of the chemical and restrictions on use

Recommended Use : Raw material for rubber products (tyres, water pipes, auto accessories, rubber machinery products)

Uses advised against : No information available

1.4 Details of the supplier of the safety data sheet

Supplier : Indian Synthetic Rubber Private Limited

Address : Opp. Naphtha Cracker Polymer Terminal gate, Panipat refinery, India

Postal Code : 132140

Phone : +91-0180-2529100

FAX : +91-120-4871030

E-mail : info@isrpl.co.in

1.5 Emergency telephone number

+91-0180-2529100

Section 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008[CLP]

Skin sensitization, Category 1; H317

Carcinogenicity Category 1B; H350

Hazardous to the aquatic environment-Chronic Hazard, Category 3; H412

Classification according to Directive 67/548/EEC [DSD] or Directive 1999/45/EC[DPD]

R43; Carc. Cat. 2; R45; R52/53

Additional information

Full text of R-phrases/H-statements: see SECTION 16.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008[CLP]

Hazard pictogram(s):



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Signal word: Danger

Hazard statement(s): H317: May cause an allergic skin reaction.

H350: May cause cancer.

H412: Harmful to aquatic life with long lasting effects.

Precautionary statement(s):

Prevention: P201: Obtain special instructions before use

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

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response: P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

P363: Wash contaminated clothing before reuse.

P308+P313: IF exposure or concerned: Get medical advice/ attention

Storage: P405: Store locked up.

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

Supplemental Hazard information (EUH):

No information available.

Special rules for supplemental label elements for certain mixtures:

No information available.

2.3 Other hazards

No information available.

Section 3: Composition / Information on Ingredients

3.1 Substance/Preparation information

Ingredients information:

<i>Ingredient name</i>	<i>CAS No.</i>	<i>Classification under DSD</i>	<i>Classification under CLP</i>	<i>% (w/w)</i>
Styrene-Butadiene Copolymer	9003-55-8	Not classified.	Not classified.	>67.4%
Extracts (petroleum), heavy paraffinic distillate solvent	64742-04-7	Carc. Cat. 2; R45	Carc. 1B	<27%
Vegetable Fatty acids,C14-C18	57-10-3,112-80-1,60-33-3	Not classified.	Not classified.	<3%
Disproportionate Rosin	8050-09-7	R43	Skin Sens. 1; H317	<2%
AO mixture	Proprietary	--	--	<0.6%

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Section 4: First Aid Measures

4.1 Description of first aid measures

General notes:

In all cases of doubt, or when symptoms persist, seek medical attention.

Following inhalation:

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

Following skin contact:

Wash with soap and plenty of water. If skin irritation occurs: Get medical attention.

Following eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Following ingestion:

Rinse mouth. Never give anything through mouth to an unconscious person. Call a POISON Centre or doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction.

4.3 Indication of the immediate medical attention and special treatment needed

No information available.

Section 5: Fire-Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media: Carbon dioxide, foam, dry powder

Unsuitable extinguishing media: No information available.

5.2 Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating or toxic gases/vapours: carbon oxides, nitrogen oxides.

5.3 Protective equipment and precautions for firefighters

Evacuate personnel to safe areas. Move containers from fire area if you can do it without risk. Cool drums with water spray. Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Stay upwind. Ensure adequate ventilation, especially in confined areas.

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas. Remove all sources of ignition. Avoid contact with skin, eyes or clothing. Do not breathe dust/fume/gas/mist/vapours/spray. Ensure adequate ventilation, especially in confined areas.

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6.2 Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas.

6.3 Methods and material for containment and cleaning up

Vacuum or sweep up material and place into appropriate containers for disposal.

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 information on disposal.

Section 7: Handling and Storage

7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice (legal requirements). Ensure adequate ventilation, especially in confined areas. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Use personal protection recommended in Section 8. Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities

Keep containers (metal /wooden box) tightly closed in a dry, cool and well-ventilated place. Keep away from heat. Keep away from food, drink and animal feeding stuffs. Store in accordance with local regulations. Store in room temperature lower than 35 °C. The product shelf life is one year (under above defined storage condition) from the date of manufacture.

7.3 Specific end use(s)

Apart from the uses mentioned in SECTION 1.2 no other specific uses are stipulated.

Section 8: Exposure Control/ Personal Protection

8.1 Control parameters

Occupational exposure limit values:

There are no currently occupational exposure limit values established for the substance.

DNEL (Derived No Effect Level) for workers and the general population:

Not available.

PNEC (Predicted No Effect Concentration) values:

Not available.

8.2 Exposure controls

Appropriate engineering controls:

Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Personal protective equipment:

Eye and face protection: Wear protective eye/face protection.

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Skin protection: Wear protective gloves/clothing to prevent contact.
Respiratory protection: In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls:

Do not empty into drains.

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance	Solid
Colour	Dark Brown
Odour	Odourless
Odour Threshold	Not determined
pH	Not determined
Melting point/freezing point	Not determined
Boiling point / boiling range	Not determined
Flammability (solid, gas)	Not determined
Flammability Limit in Air	Not determined
Flash point	Not determined
Auto ignition temperature	Not determined
Decomposition temperature	Not determined
Kinematic viscosity	Not determined
Dynamic viscosity	Not determined
Solubility(ies)	Not determined
Partition coefficient (Log Pow)	Not determined
Vapour Pressure	Not determined
Density	Not determined
Relative density	Not determined
Vapour density	Not determined
Evaporation rate	Not determined
Explosive properties	Not explosive
Oxidizing properties	Not determined

9.2 Other information

No information available

Section 10: Stability and Reactivity

10.1 Reactivity

Stable under recommended storage and handling conditions (see SECTION 7, handling and storage).

10.2 Chemical stability

Stable under normal conditions of use.

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10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

Strong heat, flames and sparks. Incompatible materials.

10.5 Incompatible materials

Strong oxidizing agents, strong acid and alkali.

10.6 Hazardous decomposition products

Carbon monoxide, carbon dioxide, nitrogen oxides.

Section 11: Toxicological Information

11.1 Information on toxicological effects

Acute toxicity	Extracts (petroleum), heavy paraffinic distillate solvent	Acute oral toxicity: LD ₅₀ > 5000 mg/kg (rat); Acute inhale toxicity: LC ₅₀ > 5 mg/L/4h (rat); Acute dermal toxicity: LD ₅₀ > 3000 mg/kg (rabbit);
	Disproportionate Rosin	Acute oral toxicity: LD ₅₀ = 2800 mg/kg(rat); Acute dermal toxicity: LD ₅₀ > 2000 mg/kg (rabbit);

Skin corrosion/irritation: No information available.

Serious eye damage/irritation: No information available.

Respiratory or skin sensitization:

Disproportionate Rosin: The substance was a skin sensitizer when previously induced animals were challenged with a solution containing 40% test substance, but not when challenged with 30, 10, or 3% solutions. (Guinea pig maximisation test)

Germ cell mutagenicity: No information available.

Carcinogenicity: Styrene-Butadiene Copolymer: IARC Group 3: Not classifiable as to carcinogenicity to humans.
Extracts (petroleum), heavy paraffinic distillate solvent: May cause cancer.

Reproductive toxicity: No information available.

STOT-single exposure: No information available.

STOT-repeated exposure: No information available.

Aspiration hazard: No information available.

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Section 12: Ecological Information

12.1 Toxicity

Eco-toxicity	Extracts (petroleum), heavy paraffinic distillate solvent	Fish, NOEL ≥ 1000 mg/L/96h (Oncorhynchus mykiss); Crustacea, EL50 > 1000 mg/L/48h(Daphnia magna);
	Disproportionate Rosin	Fish, LC50 = 60.3 mg/L/96h (Brachydanio rerio); Crustacea, NOELR = 911 mg/L/48h (Daphnia magna); Algae, NOELR = 1000 mg/L/72h (Selenastrum capricornutum);

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment information is not available as chemical safety assessment not conducted.

12.6 Other adverse effects

No information available.

Section 13: Disposal Information

13.1 Waste treatment methods

- 13.1.1 Waste from Residues/Unused - Products - Disposal should be in accordance with applicable regional, national and local laws and regulations.
- 13.1.2 Contaminated Packaging - Empty containers should be taken for local recycling, recovery or waste disposal.

Section 14: Transport Information

14.1 Land transport (ADR)

Not regulated as dangerous goods.

14.2 Sea transport (IMDG)

Not regulated as dangerous goods.

14.3 Air transport (IATA)

Not regulated as dangerous goods.

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14.4 Additional information

No information available.

Section 15: Regulatory Information

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

EU regulation:

Authorisations: No information available.

Restrictions on use: No information available.

EINECS: CAS# 9003-55-8 ; 64742-04-7 & 8050-09-7 ; 57-10-3,112-80-1,60-33-3 & 3081-01-4 & 793-24-8 are listed in.

DSD (67/548/EEC): CAS# 8050-09-7 & 64742-04-7 are listed in.

Other chemical regulation:

CAS No.	USA	Canada	Australia	Korea	Japan	China
	TSCA	DSL	AICS	ECL	ENCS	IECSC
9003-55-8	Listed	Listed	Listed	Listed	Listed	Listed
64742-04-7	Listed	Listed	Listed	Listed	Not listed	Listed
07-09-8050	Listed	Listed	Listed	Listed	Listed	Listed
57-10-3,112-80-1,60-33-3	Listed	Listed	Listed	Listed	Not listed	Listed

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this product.

Section 16: Other Information

16.1 Revision Note

Issue Date: 28th June , 2016
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Revision Note: Details modified as per (EU) no. 453/2010 (REACH) and licensor's reference. Brand name updated.

16.2 Abbreviations and acronyms

CLP: EU regulation (EC) No 1272/2008 on classification, labelling and packaging of chemical substances and mixtures.

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

EINECS: European Inventory of Existing Commercial Chemical Substances.

DSD: Dangerous Substance Directive (67/548/EEC).

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TSCA: Toxic Substances Control Act, The American chemical inventory.

DSL: Domestic Substances List, The Canadian chemical inventory.

AICS: The Australian Inventory of Chemical Substances.

ECL: Existing Chemicals List, the Korean chemical inventory.

ENCS: Japanese Existing and New Chemical Substances.

IECSC: Inventory of existing chemical substances in China.

16.3 Key literature references and sources for data

ESIS: European chemical Substances Information System.

GESTIS-database: Information system on hazardous substances of the German Social Accident Insurance.

ECHA's public database with information on registered substances.

16.4 Relevant R-phrases/H-statements

R22: Harmful if swallowed.

R43: May cause sensitization by skin contact.

R45: May cause cancer.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

H302: Harmful if swallowed.

H350: May cause cancer.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

16.5 Training advice

Provide adequate information, instruction and training for operators.

16.6 Declare to reader

The information in this SDS is provided all the relevant data fully and truly. However, the information is provided without any warranty on their absolute extensiveness and accuracy. This SDS was prepared to provide safety preventive measures for the users who have got professional training. The personal user who obtained this SDS should make independent judgment for the applicability of this SDS under special conditions. In these special cases, we do not assume responsibility for the damage. According to REACH Article 31(5), the SDS shall be supplied in an official language of the Member State(s) where the substance or mixture is placed on the market, unless the recipient Member State(s) concerned provide otherwise. It should also be noted that this SDS is applicable to the countries with English as an official language.

Limited warranty

There are no warranties which extend beyond the product description herein, and seller makes no warranty, express or implied, of fitness for particular use, merchantability or otherwise with respect to product, whether used singly or in combination with other substances or in any process, except that product sold hereunder shall conform to seller's standard sales specifications as of the date of the shipment. Without limiting the foregoing, seller does not recommend or endorse the use of product(s) in any medical application and specifically disclaims any representation or warranty, express or implied, of suitability or fitness for use or otherwise, with respect to product(s) use in any medical application. Buyer represents and warrants that no product(s) purchased hereunder will be used in or resold into any commercial or developmental manner in connection with medical applications without seller's prior express written acknowledgement, further, buyer agrees that it will make no representations, express or implied, to any person to the effect that seller recommends or endorses the use of product(s) purchased hereunder in any medical application.

This information is based on our current knowledge and Licensor's reference and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

----- End of Safety Data Sheet -----