



RXSOL

VARANASI CHEMICAL | RX MARINE INTERNATIONAL

RXSOL-19-1296-050

Dibutyl Sebacate

Material Safety Data Sheet (MSDS)

1. Product and Company Identification

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Product Name	RXSOL H (Aromatic Hydrocarbon)
Part Number	RXSOL-16-1558-210

Company Details:

RX MARINE INTERNATIONAL

105, A wing , BSEL , TECH PARK.

VASHI ,NEW BOMBAY 400703 INDIA

Branch : Sikka, Kandla, Dahej , Hazira, JNPT, Goa, Mngalore, Cochin, Tuticorin, Chennai, Kakinada, Vizag, Paradip, Haldia, Kolkata, Fujairah

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2. Composition / Information on ingredients

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Component	Cas Number	EC Number	Classification	Concentration
White spirit	64742-82-1	919-446-0	Flam. Liq. 3; STOT SE 3; Asp. Tox. 1; Aquatic Chronic 2; H226, H336, H304, H411	100 %

3. Hazards Identification

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Signal word	Danger
Hazard statement(s)	H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H336 May cause drowsiness or dizziness. H411 Toxic to aquatic life with long lasting effects.
Precautionary statement(s)	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P273 Avoid release to the environment. P301 + P310 + P331 IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting.

Other hazards	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
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4. First Aid Measures

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General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash off with soap and plenty of water. Consult a physician.
In case of eye contact	Flush eyes with water as a precaution.
If swallowed	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Most important symptoms and effects, both acute and delayed	The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11
Indication of any immediate medical attention and special treatment needed	No data available

5. Fire-fighting Measures

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Suitable Extinguishing Media	Dry powder Dry sand
Unsuitable extinguishing media	Do NOT use water jet.
Special hazards arising from the substance or mixture	Nature of decomposition products not known.
Advice for firefighters	Wear self-contained breathing apparatus for firefighting if necessary.
Further Information	Use water spray to cool unopened containers.

6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures	Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. For personal protection see section 8.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
Methods and materials for containment and cleaning up	Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
Reference to other sections	For disposal see section 13.

7. Handling and Storage

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Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. For precautions see section 2.2
Conditions for safe storage, including any incompatibilities	Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Specific end use(s)	Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8. Exposure controls and personal protection

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Appropriate engineering controls	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Personal protective equipment	Eye/face protection Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin protection	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.
Body Protection	Complete suit protecting against chemicals, Flame retardant antistatic protective clothing., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory protection	Where risk assessment shows air-purifying respirators are appropriate use a fullface respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Control of environmental exposure	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

9. Physical and chemical properties

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Appearance	Clear
Colour	Colourless, light yellow
Odour	Pungent
Odour threshold	No data available
pH (as supplied)	No data available
Initial boiling point and boiling range	150 - 200 °C
Melting Point (°C)	< -20 °C
Flash Point (°F)	> 30 °C - ASTM D 56
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Explosive limits	Upper explosion limit: 7,0 %(V) Lower explosion limit: 0,6 %(V)

Vapour pressure	< 27,00 hPa at 20 °C
Vapour density	(Air = 1.0)
Relative density	0,78 g/mL at 20 °C
Water solubility	Negligible
Partition coefficient n-octanol / water	Not Available
Autoignition Temperature (°C)	> 200 °C
Decomposition Temperature (°C)	No data available
Viscosity	1 - 2,5 mm ² /s at 20 °C -
Explosive properties	Not Available
Oxidizing properties	No data available
Other safety information	Relative vapour (Air = 1.0) density

10. Stability and reactivity

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Reactivity	No data available
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	No data available
Conditions to avoid	Heat, flames and sparks.
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	Other decomposition products - No data available
Hazardous decomposition products formed under fire conditions	Nature of decomposition products not known. In the event of fire: see section 5

11. Toxicological information

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Acute toxicity	LD50 Oral - Rat - > 5.000 mg/kg (OECD Test Guideline 401) LC50 Inhalation - Rat - 4 h - > 13,1 mg/l (OECD Test Guideline 403) LD50 Dermal - Rabbit - > 2.000 mg/kg (OECD Test Guideline 402) Remarks: Repeated exposure may cause skin dryness or cracking.
Skin corrosion /irritation	Chronic exposure causes drying effect on the skin and eczema.
Serious eye damage/eye irritation	Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation	Did not cause sensitisation on laboratory animals.
Germ cell mutagenicity	Did not show mutagenic effects in animal experiments.
Carcinogenicity	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity	Did not show teratogenic effects in animal experiments. Animal testing did not show any effects on fertility.
Specific target organ toxicity - single exposure	May cause drowsiness or dizziness.
Specific target organ toxicity - repeated exposure	The substance or mixture is not classified as specific target organ toxicant, repeated exposure.
Aspiration hazard	May be fatal if swallowed and enters airways.
Additional Information	RTECS: Not available Inhalation of vapors may cause:, Headache, Drowsiness, Dizziness, Eye irritation, Prolonged or repeated exposure to skin causes defatting and dermatitis., Aspiration may cause pulmonary oedema and pneumonitis.

12. Ecological information

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Toxicity	Toxicity to fish LC50 - Oncorhynchus mykiss (rainbow trout) - 10 - 30 mg/l - 96 h Toxicity to daphnia and other aquatic invertebrates EC50 - Daphnia magna (Water flea) - 10 - 22 mg/l - 48 h NOEC - Daphnia magna (Water flea) - 0,097 mg/l - 21 d Toxicity to algae EC50 - Pseudokirchneriella subcapitata - 4,6 - 10 mg/l - 72 h
Persistence and degradability	Biodegradability Result: 74,7 % - Readily biodegradable.
Bioaccumulative potential	No data available
Mobility in soil	No data available
Results of PBT and vPvB assessment	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
Other adverse effects	Toxic to aquatic life with long lasting effects.

13. Disposal considerations

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Product	Offer surplus and non-recyclable solutions to a licensed disposal company. Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.
Contaminated packaging	Dispose of as unused product.

14. Transport information

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Land transport (ADR):

UN Number	1300
Proper Shipping Name	TURPENTINE SUBSTITUTE
Hazard Class(es)	3
Packaging Group	III

Environmental hazard	yes
Special precautions for user	Not Applicable

IMDG

UN Number	1300
Proper Shipping Name	TURPENTINE SUBSTITUTE
Hazard Class(es)	3
Packaging Group	III
Environmental hazard	yes
Special precautions for user	Not Applicable

IATA