1. Product and Company Identifaction

www.rxmarine.com

Product Name : Asphalt Release Agent Rx
Part Number : RXSOL-90-4162-2101

Company Details: RX MARINE INTERNATIONAL 105, A wing , BSEL , TECH PARK. VASHI ,NEW BOMBAY 400703 INDIA

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2. Composition / Information on ingredients

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Name of Substance Cas Number EINECS No Wt.%

sodium dodecylbenzenesulfonate 25155-30-0 -- >= 10 - < 20

3. Hazards Identification

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Signal Word Warning

Hazard Statements H315 Causes skin irritation.

H319 Causes serious eye irritation.

Precautionary statements - prevention P264 Wash skin thoroughly after handling.

P280 Wear protective gloves/ eye protection/ face protection.

Precautionary statements - response P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes

easy to do. Continue rinsing.

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P362 Take off contaminated clothing and wash before reuse

4. First Aid Measures

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General advice Do not leave the victim unattended.

Eye Contact Remove contact lenses.

Protect unharmed eye.

If eye irritation persists, consult a specialist.

Keep respiratory tract clear.

Do not give milk or alcoholic beverages.

Never give anything by mouth to an unconscious person.

If symptoms persist, call a physician. Keep respiratory tract clear.

Do not give milk or alcoholic beverages.

Never give anything by mouth to an unconscious person.

If symptoms persist, call a physician.

Skin Contact If skin irritation persists, call a physician.

In case of contact, immediately flush skin with plenty of water

for at least 15 minutes while removing contaminated clothing

and shoes.

Inhalation If breathed in, move person into fresh air.

Remove person to fresh air. If signs/symptoms continue, get

medical attention.

Most important symptoms Effects are immediate and delayed.

and effects, both acute and Symptoms may include irritation, redness, pain, and rash.

Causes skin irritation. delayedMost important symptoms

and effects, both acute and Causes serious eye irritation.

Review section 2 of SDS to see all potential hazards. delayed

Notes to Physicians Treat symptomatically. Symptoms may be delayed.

5. Fire-fighting Measures

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Dry chemical Suitable extinguishing media

Carbon dioxide (CO2)

Alcohol-resistant foam

Foam

Water spray

Extinguishing media which must not be used for safety reasons:

Hazardous combustion

productsHazardous combustion

swallowed

High volume water jet. Carbon dioxide (CO2)

Carbon monoxide

products Smoke.

Specific extinguishing methods

Use extinguishing measures that are appropriate to local

circumstances and the surrounding environment.

Special protective equipment for fire-fighters: Wear self-contained breathing apparatus for firefighting if necessary.

Additional information: Standard procedure for chemical fires.

Use extinguishing measures that are appropriate to local circumstances

and the surrounding environment.

6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures
Use personal protective equipment.

Ensure adequate ventilation.

Environmental Precaution Evacuate personnel to safe areas.

Environmental Precaution Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains, inform

respective authorities.

Methods and materials for Wipe up with absorbent material (e.g. cloth, fleece). containment and cleaning up

Keep in suitable, closed containers for disposal.

7. Handling and Storage

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Advice on safe handling

Do not breathe vapours/dust. Avoid contact with skin and eyes. For

personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance

with local and national regulations.

Conditions for safe storage Keep container tightly closed in a dry and well-ventilated place. Electrical

installations / working materials must comply with the technological

safety standards.

Materials to avoid Oxidizing agents Do not freeze. Do not store near acids.

Storage temperature $5 - 40 \,^{\circ}\text{C}$

8. Exposure controls and personal protection

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Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Personal protective equipment

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Engineering measures : effective ventilation in all processing areas

Personal protective equipment

Respiratory protection: No personal respiratory protective equipment normally

required.

Hand protection

Material : Nitrile rubber

Remarks: The suitability for a specific workplace should be discussed

with the producers of the protective gloves. For prolonged or

repeated contact use protective gloves. Skin should be

washed after contact.	
Rubber gloves	
Neoprene gloves	
Eye protection : Safety glasses	
Skin and body protection: Protective suit	
Choose body protection according to the amount and	
concentration of the dangerous substance at the work place.	
Hygiene measures: When using do not eat or drink.	
When using do not smoke.	
Wash hands before breaks and at the end of workday. Respiratory protection Hand protection Remarks Eye protection Skin and body protection Hygiene measures	No personal respiratory protective equipment norm Skin should be washed after contact. For prolonged suitability for a specific workplace should be discus suitability for a specific workplace should be discus Eye wash bottle with pure water Tightly fitting safe abnormal processing problems. impervious clothing Choose body protection accord substance at the work place. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.
9. Physical and chemical properties	www.rxmarine.com
Colour : blue	
Odour : mild	
Odour Threshold : No data available pH : 8 - 10.5	
Melting point/freezing point : No data available	
Boiling point: 100 °C	
Flash point:	
does not flash	

Flash point does not flash

Evaporation rate 1

Upper explosion limit not applicable
Lower explosion limit not applicable
Vapour pressure No data available
Vapor pressure No data available
Relative vapor density No data available
Density No data available

Water solubility soluble in cold water, soluble in hot water

Partition coefficient: noctanol/water no data available
Auto-ignition temperature not determined
Thermal decomposition not determined

10. Stability and reactivity

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Chemical stability Stable under normal conditions.

Possibility of hazardous reactions No decomposition if stored and applied as directed.

Conditions to avoid Exposure to moisture.

Incompatible materials Acids

Hazardous decomposition products Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke). Sulphur oxides

11. Toxicological information

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Acute toxicity

Product:

Acute oral toxicity

Acute toxicity estimate: 4,354 mg/kg Method: Calculation method

Components:

sodium dodecylbenzenesulfonate:

Acute oral toxicity: LD50 Oral rat: 438 mg/kg

Skin corrosion/irritation

Product:

Remarks: May cause skin irritation in susceptible persons.

Serious eye damage/eye irritation

Product:

Remarks: May cause irreversible eye damage.

Respiratory or skin sensitisation

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

no data available

Reproductive toxicity

no data available

sodium dodecylbenzenesulfonate:

STOT - single exposure no data available

STOT - repeated exposure no data available

Aspiration toxicity

no data available

Product:

Remarks: no data available

12. Ecological information

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Ecotoxicity no data available
Persistence and degradability no data available

Bioaccumulative potential Product: Partition coefficient: noctanol/water

Remarks: no data available

Mobility in soil No data available
Other adverse effects No data available

Product:Regulation 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section

Substances

Remarks This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S.

Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information no data available

13. Disposal considerations

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Disposal methods

Waste from residues Dispose of in accordance with local regulations.

Do not dispose of waste into sewer.

Do not contaminate ponds, waterways or ditches with chemical or used

container.

Contaminated packaging Empty remaining contents.

Dispose of as unused product.

Do not re-use empty containers.

14. Transport information

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NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

International regulation

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Not applicable for product as supplied.

Code

National Regulations

Special precautions for user

49 CFR Not regulated as a dangerous good

not applicable

15. Regulatory information

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EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

CAS-No Component RQ (lbs) Calculated product RQ (lbs) Components

sodium dodecylbenzenesulfonate 25155-30-0 1000

Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards

Acute Health Hazard

SARA 302

SARA 302:No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop 65

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

methanol 67-56-1

The components of this product are reported in the following inventories:

TSCA On TSCA Inventory

DSL All components of this product are on the Canadian DSL.

AICS On the inventory, or in compliance with the inventory

NZIoC Not in compliance with the inventory

PICCS On the inventory, or in compliance with the inventory

IECSC On the inventory, or in compliance with the inventory

Inventory Acronym and Validity Area Legend:

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

16. Other information

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Other Information

The information above is believed to be accurate and available to us. However, we make no warranty of implied, with respect to such information, and we ass should make their own investigations to determine particular purposes. In no event shall be liable for any for lost profits or any special, indirect, incidental, cor arising, even if Rx Marine International has been adv

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