

1. Product and Company Identification

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

Company Details:

RX MARINE INTERNATIONAL
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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.

swallowed	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. 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. If breathed in, move person into fresh air. Remove person to fresh air. If signs/symptoms continue, get medical attention. Effects are immediate and delayed. Symptoms may include irritation, redness, pain, and rash. Causes skin irritation. Causes serious eye irritation. Review section 2 of SDS to see all potential hazards. Treat symptomatically. Symptoms may be delayed.
Skin Contact	
Inhalation	
Most important symptoms and effects, both acute and delayed	Most important symptoms and effects, both acute and delayed
Notes to Physicians	

5. Fire-fighting Measures

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Suitable extinguishing media	Dry chemical Carbon dioxide (CO₂) Alcohol-resistant foam Foam Water spray High volume water jet. Carbon dioxide (CO₂) Carbon monoxide Smoke. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Wear self-contained breathing apparatus for firefighting if necessary. Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Extinguishing media which must not be used for safety reasons: Hazardous combustion products	
Hazardous combustion products	
Specific extinguishing methods	
Special protective equipment for fire-fighters: Additional information:	

6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

Ensure adequate ventilation.

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
containment and cleaning up

Wipe up with absorbent material (e.g. cloth, fleece).

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 °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 normal

Skin should be washed after contact. For prolonged suitability for a specific workplace should be discussed suitability for a specific workplace should be discussed

Eye wash bottle with pure water Tightly fitting safety abnormal processing problems.

impervious clothing Choose body protection according 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

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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

Evaporation rate : 1

Appearance

Colour

Odour

Odour Threshold

pH

Melting point/freezing point

Boiling point

viscous, liquid

Blue

mild

no data available

8-10.5

No Data Available

100 °C

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: octanol/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 602 (40 CFR 82, Subpt. A, App.A + B). 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
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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 Code Not applicable for product as supplied.

National Regulations

49 CFR Not regulated as a dangerous good

Special precautions for user

not applicable

15. Regulatory information

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

CERCLA Reportable Quantity

Components	CAS-No	Component RQ (lbs)	Calculated product RQ (lbs)
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 assume no liability for any loss or damage, including consequential, arising, even if Rx Marine International has been advised of the possibility of such loss or damage.

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