

1. Product and Company Identification

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Product Name : Asphalt Release Agent Rx
Part Number : RXSOL-90-4162-210

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	<p>If eye irritation persists, consult a specialist. Keep respiratory tract clear.</p> <p>Do not give milk or alcoholic beverages.</p> <p>Never give anything by mouth to an unconscious person.</p> <p>If symptoms persist, call a physician.Keep respiratory tract clear.</p> <p>Do not give milk or alcoholic beverages.</p> <p>Never give anything by mouth to an unconscious person.</p> <p>If symptoms persist, call a physician.</p> <p>If skin irritation persists, call a physician.</p> <p>In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.</p> <p>If breathed in, move person into fresh air.</p> <p>Remove person to fresh air. If signs/symptoms continue, get medical attention.</p> <p>Effects are immediate and delayed.</p> <p>Symptoms may include irritation, redness, pain, and rash.</p> <p>Causes skin irritation.</p> <p>Causes serious eye irritation.</p> <p>Review section 2 of SDS to see all potential hazards. Treat symptomatically. Symptoms may be delayed.</p>
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	<p>Dry chemical</p> <p>Carbon dioxide (CO₂)</p> <p>Alcohol-resistant foam</p> <p>Foam</p> <p>Water spray</p> <p>High volume water jet.</p> <p>Carbon dioxide (CO₂)</p> <p>Carbon monoxide</p> <p>Smoke.</p> <p>Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.</p> <p>Wear self-contained breathing apparatus for firefighting if necessary.</p> <p>Standard procedure for chemical fires.</p> <p>Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.</p>
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.

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.

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

Keep in suitable, closed containers for disposal.

Environmental Precaution

Methods and materials for containment and cleaning up

7. Handling and Storage

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Advice on safe handling

For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area.

Storage

Electrical installations / working materials must comply with the technological safety standards.

Advice on general occupational hygiene

Do not freeze. Oxidizing agents 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.

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.

Engineering Control

Personal Protection

Additional information

Hygiene measures

effective ventilation in all processing areas. Contain values.

Eye protection : Safety glasses.

Hand protection : Nitrile rubber. Skin protection : P the amount and concentration of the dangerous substance personal respiratory protective equipment normally

The suitability for a specific workplace should be discussed

with the producers of the protective gloves. For protection

repeated contact use protective gloves. Skin should be

washed after contact.

Rubber gloves

Neoprene gloves

Handle in accordance with good industrial hygiene and clothing before re-use. Wash face, hands and any exposed suitable facilities for quick drenching or flushing of hazard.



Gloves Suit

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	
Form	viscous
Colour	Blue
Odour	mild
Boiling point and boiling range	100 °C
Flash Point	does not flash
Freezing Point	No Data Available
pH	8 - 10.5
Evaporation rate	1
Flammability (solid, gas)	No data available
Upper explosion limit	No data available
Lower explosion limit	No data available
Explosive properties	No data available
Vapor pressure	No data available
Relative vapor density	No data available
Relative density	No data available
Water solubility	partly soluble
Density Solubility(ies)	1.031 g/cm ³
Partition coefficient: octanol	No data available
Autoignition temperature	not determined
Thermal decomposition	No data available
Viscosity, kinematic	106.9 mm ² /s
Explosive properties	No data available
Oxidizing properties	No data available
Molecular weight	No data available
VOC	No data available

10. Stability and reactivity

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Recativity	Stable
Stability	Stable under normal conditions.
Possibility of hazardous reactions	Stable under recommended storage conditions
Incompatible materials	Acids Oxidizing agents.
Hazardous Decomposition	Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke). Sulphur oxides
Condition to Avoid	No data available

11. Toxicological information

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Route of Exposure	Effects are immediate and delayed. Symptoms may include irritation, redness, pain, and rash.
Eyes	irritating to eyes.
Skin	irritating to skin.
Acute oral toxicity	Acute toxicity estimate : 2,214 mg/kg Method: Calculation method. LD50 Oral Rat: 438 mg/kg
Acute inhalation toxicity	No data available
Acute dermal toxicity	No data available

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.

ACGIH:No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

12. Ecological information

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Environmental Effects	Regulation 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances Remarks This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).
Partition coefficient:	noctanol/water
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available

13. Disposal considerations

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Remarks	Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container.
Waste Disposal	Dispose of in accordance with local regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

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NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

UN Number	UN3265
Proper shipping name	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (2,2-Di-Bromo-3-Nitrilo-Propionamide)
Transport hazard class(es)	8
ADR/RID	--
Subsidiary risk IMDG	--
Subsidiary risk IATA	--
Packing group	
Packing group	--
Environmental hazards	
Environmental hazards	No
Marine pollutant	No
ADR/RID	
Hazard ID	--
Tunnel Category	--
IMDG	
EmS Code	--
IATA - NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL	
Packing Instruction (Cargo)	--
Maximum quantity	--
Packing Instruction (Passenger)	--
Maximum quantity	--

The product as delivered to the customer conforms to packaging requirements for shipment by road

under US Department of Transportation (DOT) regulations. Additional transportation classifications

noted above are for reference only, and not a certification or warranty of the suitability of the packaging

for shipment under these alternative transport regulations.

15. Regulatory information

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Regulations	DSL This product contains one or more components that are listed on the Canadian NDSL. All other components are on the Canadian DSL. TSCA On TSCA Inventory For information on the country notification status for other regions please contact the manufacturer's regulatory group.
Chemical safety assessment	SARA 311/312 Hazards : Skin corrosion or irritation Serious eye damage or eye irritation SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. 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

This product contains a chemical that is at or below California

Propositions 65's "safe harbor level" for

reproductive/developmental toxicity as determined via a risk

assessment. Therefore, the chemical is not required to be

listed as a Prop 65 chemical on the SDS or label.

TSCA list : No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification

requirements.

Further information

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 inaccuracies. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any damages, including but not limited to, direct, indirect, incidental, or consequential damages, arising, even if Rx Marine International has been advised of the possibility of such damages.

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