

1. Product and Company Identification

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Product Name Degreaser DS
Product Type RXSOL-31-3028-0260

Company Details:

RX MARINE INTERNATIONAL
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2. Composition / Information on ingredients

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Chemical Name	CAS No	EC No	Weight %
Disodium hydrogen phosphate	7558-79-4	231-448-7	40-50%
Soda Ash	497-19-8	207-838-8	20-30%
EDTA	60-00-4	200-449-4	20-30%

3. Hazards Identification

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Classification of the substance or mixture Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

Label elements No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

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.

4. First Aid Measures

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Inhalation After inhalation: fresh air.

In case of skin contact In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower.

Eye contact After eye contact: rinse out with plenty of water. Remove contact lenses.

Swallowed After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell.

General The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

5. Fire-fighting Measures

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GENERAL INFORMATION: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

SPECIAL HAZARD ARISING FROM THE SUBSTANCE OR MIXTURE: Oxides of phosphorus, Sodium oxides, Not combustible.

FURTHER INFORMATION: Ambient fire may liberate hazardous vapours. Further information Suppress (knock down) gases/vapors/mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the ground water system.

ADVICE FOR FIREFIGHTERS: in the event of fire, wear self-contained breathing apparatus.

6. Accidental Release Measures

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PERSONAL PRECAUTIONS: Use breathing equipment if fumes or powders are released into the air.

ENVIRONMENTAL PRECAUTIONS: The product must not penetrate the sewers, surface water, ground water and neighbouring areas.

METHODS FOR CLEANING UP : Cover drains. Collect, bind, and pump off spills. containment and cleaning up Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

7. Handling and Storage

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Make sure that equipment is available for cooling the vessels, to prevent the danger of over-pressure and overheating in the event of fire in the vicinity. Refer to the other sections of this data sheet for information relating to health and environmental risks.

8. Exposure controls and personal protection

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Eye/Face protection	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses
Skin protection	This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de). Full contact Material: Nitrile rubber Minimum layer thickness: 0,11 mm Break through time: 480 min Material tested:KCL 741 Dermatril® L This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de). Splash contact Material: Nitrile rubber Minimum layer thickness: 0,11 mm Break through time: 480 min
Respiratory protection	Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Other Protection Measure	Handle in accordance with good industrial hygiene and safety practice.
Control of environmental exposure	Do not let product enter drains.

9. Physical and chemical properties

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Physical State	Crystalline /Granules
Colour	Brown , grey
Odor	Odorless
Melting point/freezing point	Melting point/range: > 450 °C - Regulation (EC) No. 440/2008
Initial boiling point and boiling range	No data available
Flammability (solid, gas)	No data available
Flash point	No data available
pH	8.9-9.2 at 50 gm/ltr
Viscosity	Viscosity, kinematic: No data available

10. Stability and reactivity

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Reactivity

No data available

Chemical stability

The product is chemically stable under standard ambient conditions (room temperature) . Exothermic reaction with:

Strong acids

Antipyrine

Acetates

Incompatible materials

No data available

11. Toxicological information

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Acute toxicity

LD50 Oral - Rat - female - > 2.000 mg/kg

(OECD Test Guideline 420)

LC50 Inhalation - Rat - male and female - 4 h - > 0,83 mg/l - dust/mist

(OECD Test Guideline 403) LD50 Dermal - Rat - male and female - > 2.000 mg/kg

Skin corrosion/irritation

Skin - Rabbit Result: No skin irritation - 24 h

Serious eye damage/irritation

Eyes - Rabbit Result: No eye irritation - 30 s

Respiratory or skin sensitization

Local lymph node assay (LLNA) - Mouse Result: negative

Carcinogenicity

No data available

12. Ecological information

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Toxicity	Toxicity to fish semi-static test LC50 - Oncorhynchus mykiss (rainbow trout) - > 100 mg/l - 96 h (OECD Test Guideline 203)
	Toxicity to daphnia and other aquatic invertebrates
	Static test EC50 - Daphnia magna (Water flea) - > 100 mg/l - 48 h
	(OECD Test Guideline 202) Toxicity to algae static test
	ErC50 - Desmodesmus subspicatus (green algae) - > 100 mg/l - 72 h
	(OECD Test Guideline 201)

	Toxicity to bacteria static test EC50 - activated sludge - > 1.000 mg/l - 3 h
Bioaccumulative potential	No data available
Endocrine disrupting properties	Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission

13. Disposal considerations

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Reuse, when possible. Neat product residues should be considered special nonhazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Solid residues may be suitable for disposal in an authorised landfill site.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

14. Transport information

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This product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

Proper Shipping Name: Degreaser DS

UN No: NA

15. Regulatory information

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Warning symbols: None

Hazard sentences (R): None

Caution recommendations (S): None

16. Other information

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The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents. The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties. The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer.

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