Material Safety Data Sheet

Commissioning Cleanser (Rxsol-16-1078-210)

1. Product and Company Identifaction

Product Name	:	**RXSOL-16-1078-210**
Product Type	:	**Commissioning Cleanser**

Company Details:

RX MARINE INTERNATIONAL
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2. Composition / informationon ingredients

Ingredient(s)	CAS Number	% (by Weight)	Symbol
Trisodium N-hydroxyethyl ethylenediamine triacetate	139-89-9	10-30	Xi
2-Ethyl hexyl oxypropyliminopropionic acidmono sodium salt	94441-92-6	1-5	Xi
2-2(butoxyethoxy)ethanol	112-34-5	1-5	Xi

3. Hazards Identification

Classification of the substance

Irritant

Risk Phrases

- Irritating to eyes and skin (R36/38)

Safety Phrases

- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26)

- Wear suitable gloves and eye/face protection (S37/39)

Other hazards

- Odour: Odourless

- Appearance: Liquid, off-white, miscible with water

- Contact with eyes: May cause redness and irritation

- Contact with skin: May cause irritation, Repeated exposure may cause skin dryness or cracking (R66)

- Inhalation: May cause irritation

- Ingestion: Not regarded as a potential route of exposure., May cause irritation

4. First Aid Measures

Description of first aid measures

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

- IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position

comfortable for breathing.

- IF ON SKIN: Wash with plenty of soap and water.

- IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

- Give plenty of water to drink

- Never make an unconscious person vomit or drink fluids

Most important symptoms and effects, both acute and delayed

- Possible redness and irritation of affected areas

- In cases of severe exposure, irritation may develop

Indication of immediate medical attention and special treatment needed

5. Fire-fighting Measures

Fire-fighting measures	Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions No Hazard Expected under normalcondition of use. Wear chemical Protection Suit and Positive-Pressure Brathing appartus

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8

Environmental Precautions

- Do not allow to enter public sewers and watercourses

- Avoid release to the environment.

Methods and material for containment and cleaning up

- Absorb spillage in suitable inert material

- Sweep or shovel-up spillage and remove to a safe place

- Flush spill area with copious amounts of water

Reference to other sections

- Non

7. Handling and Storage

Precautions for safe handling

- Wear protective clothing as per section 8

- Do not get in eyes, on skin, or on clothing.

- Eyewash bottles should be available

Conditions for safe storage, including any incompatibilities

- Keep only in the original container in a cool, well ventilated place away from water (S3/9/14/49)

- Protect from frost

Specific end use

8. Exposure controls and personal protection

Eye Protection	Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses. Consult your safety representative.
Skin Protection	Wear resistant gloves such as: neoprene, nitrile rubber, To prevent repeated or prolonged skin contact, wear impervious clothing and boots..
Respiratory Protections	If workplace exposure limit(s) of product or any component is exceeded (See Exposure Guidelines), a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions (consult your industrial hygienist). Engineering or administrative controls should be implemented to reduce exposure.
Engineering Controls	Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s).

9. Physical and chemical properties

Odour	Odourless
Appeearance	Liquid Off White
Specific Vapor Density	No data
Liquid Density	1.12 at 20 °C

pH	8.5-9.0
Boiling Point	100 °C at 760 mm /Hg

10. Stability and reactivity

Reactivity

- This article is considered stable under normal conditions

Chemical stability

- Considered stable under normal conditions

Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

Conditions to avoid

- No special precautions are required for this product

Incompatible materials

- None

Hazardous Decomposition Products

- No hazardous decomposition products known

11. Toxicological information

Information on toxicological effects

- LD50 (oral,rat) >2000 mg/kg

Inhalation

- Causes irritation

Contact with skin

- Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis May cause irritation

Contact with eyes

- Causes redness and irritation

Ingestion

- The ingestion of significant quantities may cause gastro-intestinal disturbances

12. Ecological information

Toxicity

- LC50 (fish) (Trisodium hydroxyethyl ethylenediamine triacetate) >100 mg/l (96 hr)

- LC50 (fish) (dipropionate) >100 mg/l (96 hr)

- LC50 (fish) (2-(2-butoxyethoxy)ethanol) 2500 mg/l (96 hr)

- This product does not contain ingredients which are classified in the EU as dangerous for the environment.Persistence and degradability

- Biodegradability. OECD-test. 28 days 20 % (Trisodiumhydroxyethylethylenaminetriacetat)

- Biodegradability. OECD-test. 28 days >60 % (Sodiumcapryliminodipropionate)

- Biodegradability. OECD-test. 28 days >60 % (2-(2-buhtoxyetoxy)etanol)

Bioaccumulation Potential

- No information available

Mobility in soil

- Completely soluble in water

Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

Other Adverse Effects

- Presents little or no hazard to the aquatic environment

13. Disposal considerations

Waste Management Information
- Destroy by liquid incineration. Dispose of in accordance with all applicable local, state and federal regulations.

14. Transport information

UN Number

- n/a

UN Proper Shipping Name

- n/a

Transport hazard class(es)

- n/a

Packing group

- n/a

Environmental hazards

- On available data, substance is not harmful to the environment

Special precautions for user

- Not classified as hazardous for transport

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

- Not applicable

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

- This Safety Data Sheet has been prepared in accordance with article 31 and annex II in

REACH and Directive 453/2010/EU.

- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances

and preparations

- Counsil Directive 1999/45/EEC Classification, packing and labelling of dangerous

preparations.

- Refer to The Dangerous Substances Directive (67/548/EEC)

- Composition

- Nonionic surfactants 5 %

- Amphoteric surfactants 5 %

- phosphonates 5%

Chemical Safety Assessment

NONE

16. Other information

Text of R and S phrase codes used in this safety data sheet:- R36: Irritating to eyes; R41: Risk of serious damage to eyes.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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