Material Safety Data Sheet

Lube Oil Additive Cleaner (RXSOL-20-2043-201)

1. Product and Company Identifaction

Porduct Name	Lube Oil Additive Cleaner
Part Number	RXSOL-20-2043-201

Company Details:

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

Branch : Kandla, Mumbai , Chennai, Vizag, Kolkata, UAE , OMAN , CANADA and KENYA

Phone	+91 22 20871200 - 1400
Fax	+91 22 27612100 :::AOH :0091 9821214367
Email	mail@rxmarine.com
Website	www.rxmraine.com

2. Composition / informationon ingredients

Chemical Name	Cas. No.	Weight
Phosphoric Acid	7664-38-2	9-18
Vetalcohol C8-C10 glucoside	68515-73-1	5-9
Propan-2-ol	67-63-0	45-50
Proprietory Blend of Demulsifier	---	Balance

3. Hazards Identification

Signal Word :	Danger.
Hazard Statements:	H314 - Causes severe skin burns and eye damage.
Precautionary statements:	P260 - Do not breathe vapours, spray. P264 - Wash hands thoroughly after handling. P280 - Wear eye protection, protective clothing, protective gloves. P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

4. First Aid Measures

General advice:	Consult a physician. Show this material safety data sheet to the doctor in attendance.
Eye Contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
Swallowed:	After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell.
Skin Contact:	Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Call a physician immediately.

Inhalation:	Remove person to fresh air and keep comfortable for breathing.
Ingestion:	Rinse mouth. Do not induce vomiting. Call a physician immediately.

5. Fire-fighting Measures

Suitable extinguishing media:	Carbon dioxide. Dry powder. Foam. Sand. Water spray.
Fire hazard:	Not flammable.
Hazardous decomposition products in case of fire:	Corrosive vapours.
Precautionary measures fire:	Evacuate area.
Firefighting instructions:	Exercise caution when fighting any chemical fire.
Protection during firefighting:	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:	Emergency procedures : Avoid contact with skin and eyes. Do not breathe vapours. Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection.
Environmental precautions:	Avoid release to the environment.
Methods and material for containment and cleaning up:	Take up liquid spill into absorbent material
Other information:	Dispose of materials or solid residues at an authorized site.
Reference to other sections	For further information refer to section 13

7. Handling and Storage

Advice on protection against fire and explosion:	Keep away from sources of ignition - No smoking.Take measures to prevent the build up of electrostatic charge.
Incompatible materials:	Keep away from alkalis, strong oxidizing agents and metals. Provide containment walls of adequate capacity to hold any accidental spills.
Hygiene measures:	Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. For precautions see section 2.2.
Advice on safe handling:	Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.
Conditions for safe storage, including any incompatibilities:	Tightly closed. Dry. Keep in a well-ventilated place. Keep locked up or in an area accessible only to qualified or authorized persons. Moisture sensitive.
Storage conditions:	Tightly closed. Dry.
Storage class:	Storage class (TRGS 510): 11: Combustible Solids .
Specific end use(s):	Apart from the uses mentioned in section 1.2 no other specific uses are stipulated .
Advice on general occupational hygiene:	Advice on safe handling Observe label precautions. Change contaminated clothing. Wash hands after working with substance.

8. Exposure controls and personal protection

Appropriate engineering controls:	Ensure good ventilation of the work station.
Hand protection:	protective gloves.
Eye/face protection:	Safety glasses/Wear suitable protective clothing.
Respiratory protection:	In case of insufficient ventilation, wear suitable respiratory equipment.
Control of environmental exposure:	Avoid release to the environment.

9. Physical and chemical properties

Physical state:	Liquid
Color:	Light Yellow
Appearance Colour:	Colorless to pale yellow
Odour:	Acidic
Odor Threshold:	Not Applicable
pH:	0-1
Density:	1,14 - 1,18 kg/m³
Solubilty:	Soluble in water

10. Stability and reactivity

Reactivity:	Reacts exothermically with (some) bases.
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	None under normal conditions.
Conditions to avoid:	No additional information available.
Incompatible materials:	Strong bases.
Hazardous decomposition products:	Corrosive vapours.

11. Toxicological information

Acute toxicity:	Not classified.
Skin corrosion/irritation:	Causes severe skin burns and eye damage. pH: 0 - 1.
Serious eye damage/irritation:	Causes serious eye damage.pH: 0 - 1.
Respiratory or skin sensitization;	Not classified.
Carcinogenicity:	Not classified.
Germ cell mutagenicity:	Not classified.
Reproductive toxicity:	No data available.
Specific target organ toxicity - single exposure:	No data available.

12. Ecological information

Toxicity to fish:	100 - 126 Danio rerio - OCDE 203.
Toxicity to Daphnia 1:	> 100 mg/l Daphnia magna - OCDE 202.
Toxicity to algae:	27 - 37 mg/l Desmodesmus subspicatus.
Persistence and degradability:	This surfactant complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
Mobility in soil:	No data available.
Results of PBT and vPvB assessment:	No additional information available.
Bioaccumulative potential:	Vetalcohol C8-C10 glucoside 1,77.
Other adverse effects:	No additional information available.

13. Disposal considerations

Regional legislation (waste):	Disposal must be done according to official regulations.
Waste treatment methods:	Dispose of contents/container in accordance with licensed collector’s sorting instructions.
Product/Packaging disposal recommendations:	Avoid release to the environment.

14. Transport information

UN number:	ADR/RID: 3264	IMDG: 3264	IATA: 3264
UN proper shipping name:	ADR: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. IMDG: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. IATA: Not applicable		
Transport hazard class(es):	ADR/RID: 8	IMDG: 8	IATA:8
Packaging group:	ADR/RID: II	IMDG: III	IATA: Not Applicable
Environmental hazards:	ADR/RID: Yes	IMDG: Yes	IATA: Yes
Special precautions for user:	No data available.		
Further information:	No data available.		

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:	Contains no REACH substances with Annex XVII restrictions.Contains no substance on the REACH candidate list.Contains no REACH Annex XIV substances.
Other regulations:	Take note of Dir 94/33/EC on the protection of young people at work.
Chemical Safety Assessment:	No information is available.

16. Other information

Other Information:	The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and weassume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Rx Marine International has been advised of the possibility of such damages. DISCLAIMER OF LIABILITY :The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.