

1. Product and Company Identification

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Product Name Gas Turbine Wash F1
Part Number RXSOL-36-3602-210

Company Details:

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

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2. Composition / Information on ingredients

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Product name	Cas No	EC No	Weight
Non ionic surfactants	-	-	10-25 %
Solvent naphtha, heavy arom.	64742-94-5	265-198-5	50-100%
2-(2-butoxyethoxy)ethanol	112-34-5	203-961-6	2.5-10%

3. Hazards Identification

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Signal Word	Danger
Hazard Statements	H304 - May be fatal if swallowed and enters airways.H319 - Causes serious eye irritation. H336 - May cause drowsiness or dizziness.H411 - Toxic to aquatic life with long lasting effects.
Precautionary statements	P261 Avoid breathing dust/fume/gas/mist/vapours/spray.P271 Use only outdoors or in a well-ventilated area. P273 Avoid release to the environment.
Classification of the substance or mixture	No data available
Supplemental Hazard Statements	No data available
Other hazards	No data available

4. First Aid Measures

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General advice	First aiders need to protect themselves. Show this material safety data sheet to the doctor in attendance.
If inhaled	Supply fresh air; consult doctor in case of complaints.
Eye Contact	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor
Swallowed	If symptoms persist consult doctor.
Skin Contact	Generally the product does not irritate the skin.
Inhalation	No data available
Ingestion	No data available
Most important symptoms and effects, both acute and delaye	The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

Indication of any immediate medical attention and special treatment needed

No data available

5. Fire-fighting Measures

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Flammability	No data available
Suitable extinguishing media	Foam Fire-extinguishing powder Water haze
Unsuitable extinguishing media	No data available
Special hazards arising from the substance or mixture	No data available
Further information	No data available
Hazardous combustion products	No data available
Advice for firefighters	No data available
Protective Equipment	No data available
Specific Hazards Arising from the Chemical	No data available

6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures	Ensure adequate ventilation Keep away from ignition sources
Spillage	No data available
Personal Protection	No data available
Environmental Precaution	Inform respective authorities in case of seepage into water course or sewage system. Dilute with plenty of water. Do not allow to enter sewers/surface or ground water..
Methods and materials for containment and cleaning	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation
Reference to other sections	For disposal see section 13.

7. Handling and Storage

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Advice on protection against fire and explosion	Keep away from open flames, hot surfaces and sources of ignition.
Incompatible materials	No data available
Hygiene measures	No data available
Advice on safe handling	Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.
Conditions for safe storage including any incompatibilities	No data available
Storage conditions	Store away from oxidizing agents.Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting. Keep container tightly sealed.
Storage class	No data available
Specific end use(s)	Apart from the uses mentioned in section 1.2 no other specific uses are stipulated
Advice on general occupational hygiene	No data available

8. Exposure controls and personal protection

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Exposure controls	Personal protective equipment
Engineering Control	No data available
Eye/face protection	Tightly sealed goggles
Body Protection	Solvent resistant gloves Use protective suit

Skin protection	Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Avoid contact with the eyes. Avoid contact with the eyes and skin.
Respiratory protection	Not necessary if room is well-ventilated. In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device
Other Protection Measure	No data available

9. Physical and chemical properties

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Physical state	Fluid
Colour	Light yellow
Odour	Characteristic
Odor Threshold	No data available
pH	7.4
Melting Point	< -20°C
Boiling Point	185°C
Flash Point	65°C
Evaporation Rate	No data available
Flammability (solid, gas)	Chemically unstable at 20 °C temperature and a standard pressure of 101.3 kPa
Explosive limits	No data Available
Upper/lower flammability or explosive limits	Lower 0.6 Vol % Upper 7.0 Vol %)
Autoignition temperature	225°C
Decomposition temperature	No data available
Vapour pressure	0.9 hPa
Viscosity	Dynamic at 20°C: 5 mPas
Density	0.915 g/cm ³
Relative Density	No data available
Specific Gravity	No data available
Partition coefficient	log Pow: -0,3 at 25 °C - Bioaccumulation is not expected.
Explosive properties	No data available
Solubility	Dispersible
Ignition temperature	No data available
Particle characteristics	No data available

10. Stability and reactivity

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Reactivity	No data available
Chemical stability	No data available
Possibility of hazardous reactions	No data available
Conditions to avoid	No data available
Incompatible materials	No data available
Hazardous decomposition products	In the event of fire: see section 5

11. Toxicological information

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Acute toxicity	Alcholethoxylate Oral LD50 > 2000 mg/kg (rat)
Skin corrosion/irritation	No data available
Serious eye damage/irritation	No data available

Respiratory or skin sensitization	No data available
Carcinogenicity	No data available
Germ cell mutagenicity	No data available
Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Additional Information	Inhalation of concentrated vapours as well as oral intake will lead to anaesthesia-like conditions and headache, dizziness, etc. The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: Irritant

12. Ecological information

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Persistence and degradability	Easily biodegradable
Toxicity to fish	No data available
Toxicity to daphnia and other aquatic invertebrates	No data available
Toxicity	No data available
Toxicity to bacteria	No data available
Toxicity to algae	No data available
Bioaccumulation potential	No data available
Mobility in soil	No data available
Results of PBT and vPvB assessment	No data available
Endocrine disrupting properties	No data available
Other adverse effects	No data available
General Note	The surfactant(s) contained in this preparation complies(comply) 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. Do not allow product to reach ground water, water course or sewage system. Danger of drinking water if even small quantities leak into the ground. Also poisonous for fish and plankton in water bodies. Toxic for aquatic organisms

13. Disposal considerations

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Recommendation	Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Waste catalogue	15 01 04 metallic packaging 15 01 10 packaging containing residues of or contaminated by dangerous substances
Unclean Packaging	Packaging may be reused or recycled after cleaning
Recommended cleaning agent	Water, if necessary together with cleansing agents

14. Transport information

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UN number	ADR/RID:3082	IMDG:3082	IATA:3082
UN proper shipping name	ADR/RID:ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Solvent naphta, Contains Alkyl(C3-C5) benzenes, 1,2,4-trimethylbenzene)	IMDG:ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Solvent naphta, Contains Alkyl(C3-C5) benzenes, 1,2,4-trimethylbenzene)	IATA:ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Solvent naphta, Contains Alkyl(C3-C5) benzenes, 1,2,4-trimethylbenzene)
Transport hazard class(es)	ADR/RID:9	IMDG:9	IATA:9
Packaging group	ADR/RID:III	IMDG:III	IATA:III
Environmental hazards	ADR/RID:No	IMDG:No	IATA:No
Special precautions for user	No data available		

15. Regulatory information

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Safety, health and environmental regulations/legislation specific for the substance or mixture	The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials
Other regulations	Observe work restrictions regarding maternity protection in accordance to Dir 92/85/EEC or stricter national regulations where applicable. Take note of Dir 94/33/EC on the protection of young people at work
Chemical Safety Assessment	A Chemical Safety Assessment has been carried out for this substance.

16. Other information

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Other Information	<p>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 we assume 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 we 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.</p> <p>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.</p>
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