Material Safety Data Sheet

Blast Off Alkaline (RXSOL-20-2004-211)

1. Product and Company Identifaction

Product Name	**RXSOL-20-2004-211**
Product Type	Blast Off Alkaline

Company Details :

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

Phone	+91 22 65113333 / 5555 / 9999 / 27611360
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Email	mail@rxmarine.com

2. Composition / informationon ingredients

Contains amongst other ingredients:

Sodium Nitrilo-Triacetate	5 – 15 %	18662-53-8	225-768-6	Xn
Sodium Hydroxide	1 – 5 %	1310-73-2	215-185-5	C
Alkyl Dimethyl Betaine	1 – 5 %	66455-29-6	-	Xi
2-Aminoethanol	1 - 5%	141-43-5	205-483-3	Xn
Propan-2-ol	1 - 5%	67-63-0	200-661-7	Xi

3. Hazards Identification

The preparation is classified according to Directive 1999/45/EC and its amendments.
Classified as Irritant, Irritating to eyes and skin.
Contains an ingredient (Sodium Hydroxide) with an OES published in EH40 (See section 8)

4. First Aid Measures

If accidental overexposure is suspected:-

Eye(s) Contact	Rinse immediately with copious amounts of water for at least 15 minutes, holding the eyelids open. Obtain immediate medical advice..
Skin Contact	Flush contaminated area with running water for 10 minutes, remove any contaminated clothing and launder before re-use. If irritation persists or there is any sign of skin damage seek medical advice
Inhalation	Remove from source of exposure. Seek medical advice if symptoms persist.
Ingestion	If conscious, remove product from mouth, give casualty a small quantity of water or milk to drink and seek medical advice. Do not induce vomiting

Note to physician	NA
Treatment	NA
Medical Conditions generally Aggravated by Exposure	NA

5. Fire-fighting Measures

Product is not flammable

Flash Point	None
Flammable Limits	None
Auto-ignition point	NA
Fire Extinguishing Media	Use extinguishers appropriate to surrounding fire
Special Fire Fighting Procedures	Wear self-contained breathing apparatus
Unusual Fire and Explosion Hazards	None
Hazardous combustion products	None Known

6. Accidental Release Measures

PERSONAL PRECAUTIONS:
For personal protection see Section 8

ENVIRONMENTAL PRECAUTIONS:
For large spills contain and absorb with dry sand or similar material and dispose of using a licensed waste disposal contractor. Hose the ground (or very small spillages) with water to dilute the material to 1% and flush to waste water drain (foul sewer). Do not allow contamination of rivers, water courses or vegetation.

7. Handling and Storage

Avoid contact with skin and eyes. Wear eye protection if splashing or spillage is likely. Wear suitable gloves. Rinse and dry hands after use. Store containers upright and sealed in the original container in a cool location. Freezing and high temperatures may cause product separation. Do not mix with any other chemicals unless advised to do so by a representative of R. P. Adam Ltd.

8. Exposure controls and personal protection

Engineering Controls	Not needed
Ventilation required	Not needed
Personal Protection Equipment	Not needed

Respiratory protection	Not required in normal use.
Protective gloves	Wear rubber gloves resistant to detergents when handling concentrate or solutions
Skin protection	Wear waterproof apron or overalls
Eye protection	Wear safety goggles or face visor
Additional clothing and/or equipment	None needed.
Exposure Guidelines	Do not allow large quantities to enter surface waters.)

9. Physical and chemical properties

Appearance and Physical State	Clear yellow liquid
Odor (threshold)	Slight, characteristic
Specific Gravity (H2O=1)	Nil
Vapor Pressure (mm Hg)	Nil
Vapor Density (air=1)	NA
Percent Volatile by volume	Nil
Evaporation Rate (butyl acetate=1)	NA
Boiling Point	Above 100°C
Freezing point / melting point	NA
pH	12-13
Solubility in Water	100% Soluble
Molecular Weight	NA

10. Stability and reactivity

Presents no significant reactivity hazard, although contact with acids may cause an exothermic reaction. Provided the product is stored in accordance with recommendations there are no known hazardous decomposition products.

11. Toxicological information

ACUTE TOXICITY-INGESTION: Relatively low toxicity. Contact may cause irritation to mouth and digestive tract.

SKIN CONTACT: Prolonged or frequent contact may irritate and cause skin dryness, cracking and dermatitis.

EYE CONTACT: Classified as Irritating to Eyes. Prompt rinsing with plenty of water can prevent tissue damage.

INHALATION: Not applicable in normal use. Low order of toxicity, but likely to cause irritation.

12. Ecological information

Classification of the constituent ingredients and their individual concentrations in this product indicate that it is likely to be biodegradable

and environmental problems under normal use conditions are not expected.
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 or at the request of a detergent manufacturer.

13. Disposal considerations

Dispose of in accordance with all local and national regulations. For small quantities dilute with at least 100 parts of water and pour down waste water drain (foul sewer). Rinse out empty containers thoroughly and recycle if facilities exist or dispose of as commercial waste. For larger quantities contact a licensed waste contractor.

14. Transport information

US DOT Information	NA
Proper shipping name	NA
Hazard Class	NA
Packaging group	NA
UN Number	NA
Limitations	NA
Ground	NA
IATA	NA
Proper shipping name	NA
Hazard Class	NA
Packaging group	NA
UN Number	NA
Limitations	NA
IMO	NA
Proper shipping name	NA
Canadian TDG	NA

15. Regulatory information

Classified as irritant

Hazard Symbol:

 Xi irritant

Risk Phrases: Irritating to eyes and skin.

Safety Phrases: Wear suitable protective clothing, gloves and eye/face protection
S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

16. Other information

* Signifies that a significant alteration has been made in this section compared with the previous issue
Text of Risk Phrases associated with ingredients listed in Section 2
R35 – Causes severe burns R22 – Harmful if swallowed
R36 – Irritating to eyes R41 – Risk of serious damage to eyes
R38 – Irritating to skin R36/38 – Irritating to eyes and skin
R11 - Highly flammable R67 - Vapours may cause drowsiness and dizziness
R34 – Causes burns R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed
Refer to Technical Information Sheet for product use and applications. The contents of this MSDS apply to the normal use of our product and the recipient must take individual responsibility for observing existing laws and regulations eg COSHH and Risk Assessments.

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