

## 1. Product and Company Identification

www.rxmarine.com

Product Name

RO Biocide DBN 20

Part Number

RXSOL-33-3329-025

### Company Details:

**RX MARINE INTERNATIONAL**

**105, A wing , BSEL , TECH PARK.**

**VASHI ,NEW BOMBAY 400703 INDIA**

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[www.rxmarine.com](http://www.rxmarine.com)

## 2. Composition / Information on ingredients

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Chemical Name	CAS No.	EC No.	Classification
2,2-dibromo-3-nitrilopropionamide	10222-01-2	233-539-7	Xn; R20/22 Xi; R38-41
Proprietary bromide blend	-	-	-

## 3. Hazards Identification

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Classification1999/45/?C	Xi; R38-41-43 Symbols: Xi: Irritant.
Main hazards	Irritating to skin. Risk of serious damage to eyes. May cause sensitisation by skin contact.
Classification	EC 1272/2008 Acute Tox. 4: H302; Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Dam. 1: H318;
Signal Word	Danger
Hazard Statement	Acute Tox. 4: H302 - Harmful if swallowed. Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1: H317 - May cause skin reaction. Eye Dam. 1: H318 - Causes serious eye damage.
Precautionary statements - prevention	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash hands thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P272 - Contaminated work clothing should not be allowed out of the workplace. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/ if you feel unwell. P302+P352 - IF ON SKIN: Wash with plenty of water/ . P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present. Continue rinsing. P310 - Immediately call a POISON CENTER/doctor/ . P330 - Rinse mouth. P332+P313 - If skin irritation occurs: Get medical advice/attention. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
Precautionary Statement-Disposal	P501 - Dispose of contents/container to local and national regulations
Other hazards	No data is available on this product.

## 4. First Aid Measures

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Eye Contact

Rinse immediately with plenty of water for 15 minutes if irritation or symptoms persist.

Skin Contact

Remove contaminated clothing. Seek medical attention.

Indication of any immediate medical attention and special treatment needed

If you feel unwell, seek medical advice (show the lab

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Wear suitable respiratory equipment when necessary.

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See section 8 for further information.

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Plastic containers.

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Do not breathe gas/fumes/vapour/spray. Suitable hal



# Gloves Suit

## 9. Physical and chemical properties

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Appearance	Liquid
Colour	Pale yellow
Odour	Slight
pH	2-5 pH Range Neat @ 25C
Melting Point	No Data Available
Initial Boilling Point	70 °C
Flash Point	182 °C
Evaporation Rate	No data available
Flammability (solid, Gas)	No data available
Autoginition Temperature	Miscible in water
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Solubility	Miscible in water
Conductivity	No Data available
Surface Tension	No data available
Specific Gravity	1.1 - 1.3 @ 25C

## 10. Stability and reactivity

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Recativity	Stable under normal conditions.
Chemical stability	Stable under normal conditions. Unstable at elevated temerpatures.
Possibility of hazardous reactions	None.
Conditions to avoid	Keep away from direct sunlight. Keep in a cool, dry, well ventilated area. Keep only in the original container at a t exceeding 70 °C.
Incompatible materials	Avoid contact with: Oxidising agents, Bases.
Hazardous decomposition products	No data is available on this product.

## 11. Toxicological information

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Acute toxicity	No data is available on this product.
Eyes Skin corrosion/irritation	May cause irritation to skin.
Serious eye damage/irritation	Risk of serious damage to eyes.
Respiratory or skin sensitisation	May cause sensitisation by skin contact.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.
Reproductive toxicity	No teratogenic effects reported.
STOT	Single exposure None.
STOT	Repeated exposure None.
Aspiration hazard	None.
Repeated or prolonged exposure	Avoid prolonged or repeated exposure.

## 12. Ecological information

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Persistence and degradability	Readily biodegradable.
Bioaccumulative potential	Does not bioaccumulate.
Mobility in soil	No data is available on this product.
Results of PBT and vPvB assessment	None.
Other adverse effects	None

## 13. Disposal considerations

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Waste treatment methods	Dispose of in compliance with all local and national regulations. 16 WASTES NOT OTHERWISE SPECIFIED IN 16 03 05 organic wastes containing dangerous substances.
Disposal methods	Dispose of in compliance with all local and national regulations.
Disposal of packaging	Empty containers can be sent for disposal or recycling, if in compliance with local and national regulations.

## 14. Transport information

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UN number:	UN3265
UN proper shipping name:	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (2,2-Di-Bromo-3-Nitrilo-Propionamide)

### ADR/ ADNR

ADR/RID	8
Subsidiary risk IMDG	8
Subsidiary risk IATA	8
Subsidiary risk	14.4
Packing group	
Packing group III	14.5.
Environmental hazards	
Marine pollutant	No
ADR/RID	
Hazard ID	80
Tunnel Category	(E)
IMDG EmS Code	F-A S-B
IATA	
Packing Instruction (Cargo)	856
Maximum quantity	60L
Packing Instruction (Passenger)	852
Maximum quantity	5 L

## 15. Regulatory information

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Regulations	In accordance with REACH Regulation (EC) No 1831/2003, Commission Regulation (EU) 2015/830, COMMISSION REGULATION (EU) No 405/2010.
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Chemical safety assessment  
Further information

1907/2006 of the European Parliament and of the Council on the  
Restriction of Chemicals (REACH), established by Council Regulation  
1999/45/EC and repealing Council Regulation (EEC) No 609/67 and  
1488/94 as well as Council Directive 76/769/EEC, 93/105/EC and 2000/21/EC.  
No data available.  
FOR INDUSTRIAL USE.  
Water Hazard Class.: WGK 1.

## 16. Other information

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### Other Information

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