

BEZILLO[®]

SUPERIOR QUALITY PRODUCTS.

WASH & SEAL



 **BETON[®]**
EXPERIENCE THE DIFFERENCE!!

Safety Data Sheet

According to Annex II to REACH - Regulation 2015/830

1) IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

1.1. Product identifier

Art No: 99.000.21
Product Name: WASH & SEAL – 5 Ltr

1.3. Details of the supplier of the safety data sheet	
Name	BETON
Full address	B/2, Amrat Niwas, 15th Sarojini Road, Ville Parle West, Mumbai 400 056
District and Country	India
Emergency Telephone Number	Tel. +91 99301 28291
e-mail address of the competent person responsible for the Safety Data Sheet	info@betonstonesolutions.com
Product distribution by:	

2.1 Classification:

Classification CLP (1272/2008/EC)

This product is not classified as flammable, irritating or dangerous for the environment.

2.2 Label elements:

Pictogram

Signal Word: -

Containing substances

-

Hazard statement Code(s)

None

Precautionary statements

None

2.3 Other hazards

This product is not considered to contain any substances that meet the criteria for classification as PBT or vPvB substances.

3) COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Chemical composition: Mixture

Components	CAS-No EC-No Reg-No	Conc. %	Hazard Class and Category Code(s)	Hazard statement Code(s)*
2,2'-(methylimino)diethanol Indexnr: 603-079-00-5	105-59-9 203-312-7 01-2119488970-24-xxxx	<10	Eye Irrit. 2	H319

*The full text of Risk phrases and Hazard statement Codes are listed under heading 16.

The other substances in this product are classified as non-hazardous or at a concentration below reportable levels.

The classification is based on information from the chemical supplier and www.ecb.europa.eu (databases)

4) FIRST AID MEASURES

4.1 Description of first aid measures:

General information

In all cases of doubt, or when symptoms persist, seek medical advice

Inhalation

Fresh air.

Skin contact

Wash with soap and water for several minutes and rinse skin thoroughly.

Eye contact

Rinse immediately with water for at least 10 minutes. Hold eyelids apart. Remove contact lenses, if present and easy to do. If eye irritation persists: Get medical advice/attention.

Ingestion

Rinse mouth and immediately give plenty of milk or water to drink. Seek medical advice if the complaints persist.

4.2 Most important symptoms and effects, both acute and delayed:

Inhalation:	This product is not considered to be irritating if inhaled.
Skin contact:	May have degreasing effect on the skin with prolonged, direct contact with concentrated product.
Eye contact:	May cause slight Irritation to eyes.
Ingestion:	Ingestion may cause discomfort.

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4.3 Indication of any immediate medical attention and special treatment needed

5) FIRE-FIGHTING MEASURE

5.1 Extinguishing media

Water spray, fog or mist, foam, powder or carbon dioxide.

Unsuitable Extinguishing Media: Water jet.

5.2 Special hazards arising from the substance or mixture

Do not breathe fumes. During fire, gases hazardous to health may be formed.

5.3 Special protective equipment

Use an appropriate breathing apparatus and protective suits.

5.4 Additional information

Cool endangered containers with water in case of fire. Move containers from fire area if it can be done without risk.

6) ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Ensure suitable personal protection.

6.2 Environmental precautions

Do not flush large quantities of the product into surface water or sanitary sewer system.

6.3 Methods and material for containment and cleaning up

Re-use product if possible. Small quantities may be wiped up with a cloth. Contain large spill with inert material.

Absorb in vermiculite, dry sand or earth. Place in container for disposal according to local regulations.

6.4 Reference to other sections

See section 7 for proper handling and storage.

For personal protection, see section 8.

For disposal of spillage, see section 13.

7) HANDLING AND STORAGE

7.1 Precautions for safe handling

Normal precautions taken when handling chemicals should be observed.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in the original container in a cool, dry and well-ventilated place.

7.3 Specific end use(s)

-

8) EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1 Control parameters

Appropriate engineering controls

Provide adequate ventilation.

Swedish limit values or limit values according to the European commission

Not applicable

Brittish workplace exposure limits (EH40/2005 2nd edition)

Not applicable

DNEL

2,2'-(methylimino)diethanol (105-59-9)

Long term exposures – Workers
Systematic effects, dermal: 19 mg/kg/day
Long term exposures – Consumers
Systematic effects, inhalation: 6,5 mg/m3
Long term exposures – Consumers
Systematic effects, dermal: 9,4 mg/kg/day
Long term exposures – Consumers
Systematic effects, oral: 1,9 mg/kg/day
Long term exposures – Workers
Systematic effects, inhalation: 26 mg/m3

PNEC

2,2'-(methylimino)diethanol	(105-59-9)	1 mg/l	Intermittent release
2,2'-(methylimino)diethanol	(105-59-9)	0,0045 mg/l	Saltwater
2,2'-(methylimino)diethanol	(105-59-9)	10 mg/l	Sewage treatment plant
2,2'-(methylimino)diethanol	(105-59-9)	0,78 mg/kg	Sediment (Freshwater)
2,2'-(methylimino)diethanol	(105-59-9)	0,0351 mg/kg	Sediment (Saltwater)
2,2'-(methylimino)diethanol	(105-59-9)	0,1 mg/kg	Freshwater
2,2'-(methylimino)diethanol	(105-59-9)	0,097 mg/l	Dirt

8.2 Exposure controls:

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General protective and hygiene measures

The usual precautionary measures for the handling of chemicals have to be observed.

Individual protection measures, such as personal protective equipment

Always consult a competent person/supplier when selecting personal protective equipment.

Respiratory protection

Normally not needed.

Hand protection

Normally not needed. For prolonged and frequent direct contact with the product use protective gloves.

Eye protection

Wear tightly fitting protective goggles if there is a risk of direct contact or splash.

Body protection

No special protective clothing is required

9) PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Form	Liquid
Colour	Not determined
Odour	Not determined
Odour threshold	Not determined
pH	8,2
Melting point/freezing point (°C)	Not determined
Initial boiling point and boiling range (°C)	Not determined
Flash point (°C)	Not determined
Evaporation rate (°C)	Not determined
Flammability (solid, gas)	Not determined
Upper flammability or explosive limits	Not determined
Lower flammability or explosive limits	Not determined
Vapour pressure	Not determined
Vapour density	Not determined
Relative density	Not determined
Bulk density:	Not determined
Solubility in water	Not determined
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
Viscosity	Not determined
Explosive properties	Not determined
Oxidising properties	Not determined

9.2 Other information:

No specific.

10) STABILITY AND REACTIVITY

10.1 Reactivity

Stable under recommended storage and handling conditions.

10.2 Chemical stability

Stable under recommended storage and handling conditions.

10.3 Possibility of hazardous reactions

No known.

10.4 Conditions to avoid

No known.

10.5 Incompatible materials

Strong acids and strong oxidizing agents.

10.6 Hazardous decomposition products

No known.

11) TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

See section 4. (Most important symptoms and effects, both acute and delayed)

Inhalation

Not irritating.

Skin contact

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Not irritating.

Eye contact

Not irritating.

Ingestion

Ingestion can cause discomfort.

Toxicology data

Information about this preparation is not available.

Toxicology data for the containing components:

2,2'-(methylimino)diethanol (105-59-9)

LD50 Oral rat: 4680 mg/kg

LD50 Dermal rabbit: 5990 mg/kg

(STOT) single and repeated exposure

No known.

Routes of exposure:

Eyes and skin, ingestion, inhalation.

Allergenic potential

The product is not classified as allergenic by inhalation or skin contact.

Carcinogenicity, mutagenicity and toxicity for reproduction

This product is not classified as carcinogen, mutagen or toxic for reproduction.

Aspiration hazard

None.

12) ECOLOGICAL INFORMATION

This product is not classified as dangerous for the environment.

Do not flush into surface water or sanitary sewer system.

12.1 Toxicity

Information about this preparation is not available.

Toxicology data for the containing components:

2,2'-(methylimino)diethanol (105-59-9)

LC50 Fish 96h: 1466 mg/l

EC50 Algae 72h: 141 mg/l

EC50 Daphnia 48h: 233 mg/l

12.2 Persistence and degradability

2,2'-(methylimino)diethanol (105-59-9) – 96% in 18 days. Log Kow = 1,16

12.3 Bioaccumulative potential

2,2'-(methylimino)diethanol (105-59-9) – BCF 0,7-3,2

12.4 Mobility in soil

Not information available

12.5 Results of PBT and vPvB assessment

This product is not considered to contain any substances that meet the criteria for classification as PBT or vPvB substances.

12.6 Other adverse effects

No know.

13) DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

This product or residues of this product are not classified as hazardous waste.

Dispose of in accordance with local authority requirements.

Suggested EWC-code: Depends on line of business and use.

Disposal of Packaging

Well cleaned packaging could be left for recycling.

14) TRANSPORT INFORMATION

The product is not classified as dangerous goods according to ADR/RID, IMDG, DGR

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14.1 UN number

-

14.2 UN proper shipping name (IMDG, IATA/ICAO):

-

14.3 Transport hazard class(es)

-

14.4 Packing group

-

14.5 Environmental hazards

Marine Pollutant: No

14.6 Special precautions for user

-

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

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15) REGULATORY INFORMATION

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

Classification according to CLP (1272/2008/EC)

Chemical safety assessment

None

16) OTHER INFORMATION

The full text of Hazard statement Codes listed under section 3:

H319: Causes serious eye irritation

This information is provided for health and safety assessments by industrial user. Reference should be made to any relevant local or national health, safety, and environmental legislation.

Sources

Safety data sheet provided by the manufacturer. CLP-regulation, www.betonstonesolutions.com (databases)

Version 1: 2018-06-18 Safety data sheet according to Regulation (EC) No. 1907/2006 and (EG) 830/2015

Abbreviations explanations

ADR: International Carriage of Dangerous Goods by Road

BCF: Bio Concentration Factor.

CAS-nr Chemical Abstracts Service number

DNEL: Derived No Effect Level

EC₅₀: Effect Concentration

EG-nr: A substance number I EINECS, ELINCS or in No Longer Polymers List

IMDG: International Maritime Dangerous Goods Code.

LC₅₀: Lethal Concentration

LD₅₀: Lethal Dose

IC₅₀: Median Inhibition Concentration

NOEC: No Observed Effect Concentration

PBT- substances: Persistent, Bio accumulative and Toxic substances.

PNEC: Predicted No Effect Concentration

vPvB- substances; Very persistent and Very Bio accumulative substances.