

BRAVILOR BONAMAT RENEGITE

Version: 1 / GB

Replaces Version: - / GB

Date revised: 12.11.2014

Print date: 04.11.15

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

BRAVILOR BONAMAT RENEGITE

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/preparation

Washing and cleaning products (including solvent based products)

1.3. Details of the supplier of the safety data sheet

Address:

BRAVILOR BONAMAT B.V.
Pascalstraat 20
NL-1704 RD Heerhugowaard
Telephone no. +31 (0) 725751751
Fax no. +31 (0) 725751758
www.bravilor.com

E-mail address of person responsible for this SDS:

inkoop@bravilor.com

1.4. Emergency telephone number

GBK/ Infotrac: (USA domestic) 1 800 535 5053 or international +1 352 323 3500

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Skin Irrit. 2	H315
Eye Irrit. 2	H319
Aquatic Chronic 3	H412

Classification in accordance with EC directives 1999/45/EC and 67/548/EEC

Classification Xi, R36/38
R52/53

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Warning

Hazard statements

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

BRAVILOR BONAMAT RENEGITE

Version: 1 / GB

Replaces Version: - / GB

Date revised: 12.11.2014

Print date: 04.11.15

Precautionary statements

P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention. Dispose only when container is empty and closed. For disposal of product residues, refer to Safety Data Sheet.

Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC

The product is classified and labelled in accordance with EC directives/the relevant national laws.

Hazard symbols



irritant

R phrases

36/38	Irritating to eyes and skin.
52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S phrases

26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
37	Wear suitable gloves.
46	If swallowed, seek medical advice immediately and show this container or label.

2.3. Other hazards

No special hazards have to be mentioned.

SECTION 3: Composition/information on ingredients

Hazardous ingredients

sulphamidic acid

CAS No.	5329-14-6
EINECS no.	226-218-8
Registration no.	01-2119488633-28-XXXX
Concentration	>= 50 %
Classification	Xi, R36/38 R52/53

Classification (Regulation (EC) No. 1272/2008)

Aquatic Chronic 3	H412
Eye Irrit. 2	H319
Skin Irrit. 2	H315

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated clothing immediately and dispose of safely. In any case show the physician the Safety Data Sheet.

BRAVILOR BONAMAT RENEGITE

Version: 1 / GB

Replaces Version: - / GB

Date revised: 12.11.2014

Print date: 04.11.15

After inhalation

Ensure supply of fresh air. When dust is intensively inhaled, seek medical help immediately.

After skin contact

Wash off immediately with soap and water. Take medical treatment.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Summon a doctor immediately.

After ingestion

If swallowed, seek medical advice immediately and show this container or label. Rinse mouth thoroughly with water. Let plenty of water be drunk in small gulps. Do not induce vomiting.

Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

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

Until now no symptoms known so far.

4.3. Indication of any immediate medical attention and special treatment needed

Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

Non Suitable extinguishing media

Compatible with all usual extinguishing media.

5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible.

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Do not inhale explosion and/or combustion gases. In case of combustion use a suitable breathing apparatus.

Other information

Collect contaminated fire-fighting water separately, must not be discharged into the drains. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Knock down dust with water spray jet.

6.3. Methods and material for containment and cleaning up

Pick up mechanically. Dispose of absorbed material in accordance with the regulations.

6.4. Reference to other sections

Refer to protective measures listed in sections 7 and 8.

BRAVILOR BONAMAT RENEGITE

Version: 1 / GB

Replaces Version: - / GB

Date revised: 12.11.2014

Print date: 04.11.15

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid the formation and deposition of dust. Keep container tightly closed.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in original packaging, tightly closed. Provide solvent-resistant and impermeable floor.

Storage class according to TRGS 510

Storage class according to TRGS 510 8B Non-combustible corrosive hazardous substances

7.3. Specific end use(s)

no data

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Other information

Contains no substances with occupational exposure limit values.

8.2. Exposure controls

General protective and hygiene measures

Do not inhale dust/fumes/aerosols. Avoid contact with skin and eyes. Do not eat, drink or smoke during work time. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.

Respiratory protection

Use breathing apparatus in dust-laden atmosphere. Dust mask

Hand protection

Chemical resistant gloves
Appropriate Material neoprene
Appropriate Material vinyl
Appropriate Material butyl rubber
Appropriate Material nitrile

Eye protection

Safety glasses with side protection shield

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	solid
Colour	white
Odour	characteristic
Odour threshold	
Remarks	not determined
pH value	
Value	< 1
Concentration/H ₂ O	10 %
Melting point	
Remarks	not determined

BRAVILOR BONAMAT RENEGITE

Version: 1 / GB

Replaces Version: - / GB

Date revised: 12.11.2014

Print date: 04.11.15

Freezing point

Remarks not determined

Initial boiling point and boiling range

Remarks not determined

Flash point

Remarks Not applicable

Evaporation rate (ether = 1) :

Remarks not determined

Flammability (solid, gas)

evaluation not determined

Upper/lower flammability or explosive limits

Remarks not determined

Vapour pressure

Remarks not determined

Vapour density

Remarks not determined

Density

Remarks not determined

Solubility in water

Remarks not determined

Solubility(ies)

Remarks not determined

Partition coefficient: n-octanol/water

Remarks not determined

Ignition temperature

Remarks not determined

Decomposition temperature

Remarks not determined

Viscosity

Remarks not determined

Explosive properties

evaluation not determined

Oxidising properties

evaluation None known

9.2. Other information

Other information

None known

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

No hazardous reactions known.

10.3. Possibility of hazardous reactions

BRAVILOR BONAMAT RENEGITE

Version: 1 / GB

Replaces Version: - / GB

Date revised: 12.11.2014

Print date: 04.11.15

No hazardous reactions known.

10.4. Conditions to avoid

No hazardous reactions known.

Decomposition temperature

Remarks not determined

10.5. Incompatible materials

Reactions with alkalis.

10.6. Hazardous decomposition products

Irritant gases/vapours

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

Remarks not determined

Acute oral toxicity (Components)

sulphamidic acid

Species	rat		
LD50		3160	mg/kg

Acute dermal toxicity

Remarks not determined

Acute dermal toxicity (Components)

sulphamidic acid

Species	rat		
LD50	>	2000	mg/kg
Duration of exposure		24	h

Acute inhalational toxicity

Remarks not determined

Skin corrosion/irritation

Remarks not determined

Serious eye damage/irritation

Remarks not determined

Sensitization

Remarks not determined

Subacute, subchronic, chronic toxicity

Remarks not determined

Mutagenicity

Remarks not determined

Reproductive toxicity

Remarks not determined

Carcinogenicity

Remarks not determined

Specific Target Organ Toxicity (STOT)

Remarks not determined

Aspiration hazard

No special hazards have to be mentioned.

BRAVILOR BONAMAT RENEGITE

Version: 1 / GB

Replaces Version: - / GB

Date revised: 12.11.2014

Print date: 04.11.15

Experience in practice

Inhalation of dusts may irritate the respiratory tract.

Other information

No toxicological data are available.

SECTION 12: Ecological information

12.1. Toxicity

General information

not determined

Fish toxicity (Components)

sulphamic acid

Species	Fathead minnow (<i>Pimephales promelas</i>)		
LC50	70,3		mg/l
Duration of exposure	96	h	

Daphnia toxicity (Components)

sulphamic acid

Species	Daphnia magna		
EC50	71,6		mg/l
Duration of exposure	48	h	
Method	OECD 202		

Algae toxicity (Components)

sulphamic acid

Species	Scenedesmus subspicatus		
ErC50	48		mg/l
Duration of exposure	72	h	

Bacteria toxicity (Components)

sulphamic acid

Species	activated sludge		
EC50	> 200		mg/l
Duration of exposure	3	h	

12.2. Persistence and degradability

General information

not determined

12.3. Bioaccumulative potential

General information

not determined

Partition coefficient: n-octanol/water

Remarks not determined

12.4. Mobility in soil

General information

not determined

12.5. Results of PBT and vPvB assessment

General information

not determined

12.6. Other adverse effects

BRAVILOR BONAMAT RENEGITE

Version: 1 / GB

Replaces Version: - / GB

Date revised: 12.11.2014

Print date: 04.11.15

General information

not determined

General information / ecology

Do not allow to enter soil, waterways or waste water canal.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

SECTION 14: Transport information

Land transport ADR/RID

14.1. UN number

UN 2967

14.2. UN proper shipping name

SULPHAMIC ACID

14.3. Transport hazard class(es)

Class 8

Label 8

14.4. Packing group

Packing group III

Limited Quantity 5 kg

Transport category 3

Tunnel restriction code E

Marine transport IMDG/GGVSee

14.1. UN number

UN 2967

14.2. UN proper shipping name

SULPHAMIC ACID

14.3. Transport hazard class(es)

Class 8

14.4. Packing group

Packing group III

14.5. Environmental hazards

no

IMDG-Code segregation 1 Acids
group

Air transport ICAO/IATA

14.1. UN number

UN 2967

14.2. UN proper shipping name

SULPHAMIC ACID

14.3. Transport hazard class(es)

Class 8

14.4. Packing group

Packing group III

Information for all modes of transport

BRAVILOR BONAMAT RENEGITE

Version: 1 / GB

Replaces Version: - / GB

Date revised: 12.11.2014

Print date: 04.11.15

14.6. Special precautions for user

See Sections 6 to 8

Other information

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

Ingredients (Regulation (EC) No 648/2004)

less than 5 %:

non-ionic surfactants

Water Hazard Class (Germany)

Water Hazard Class WGK 1

(Germany)

Remarks Classification according to Annex 4 VwVwS

VOC

VOC (EU) 0 %

Other information

The product does not contain substances of very high concern (SVHC).

15.2. Chemical safety assessment

For this mixture a chemical safety assessment has not been carried out.

SECTION 16: Other information

R-phrases listed in Chapter 3

36/38	Irritating to eyes and skin.
52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard statements listed in Chapter 3

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
Eye Irrit. 2	Eye irritation, Category 2
Skin Irrit. 2	Skin irritation, Category 2

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.