

SAFETY DATA SHEET

BULOVA 3XL

according to Regulation (EC) No. 1907/2006 (REACH)

according to Regulation (EU) No 453/2010

Article no: BMS001

Print Date: 09.04.2020

Revision Date: -

Version: 1.0

Issue Date: -

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

1.1. Product identifiers

Article No. (manufacturer/supplier)

BUL001

Identification of the substance or mixture

BULOVA 3XL

Product code:

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

Relevant identified uses

Organic Fertilizer

1.3. Details of the supplier of the safety data sheet supplier (manufacturer/importer/downstream user/distributor)

Agrikem Ziraat İlaçları End. Ürn. San. ve Tic. A.Ş.

Kazım Dirik district, 372 street No:3 Bornova IZMIR

Plant Address: AOSB 3. PART 35. Street No:16 Döşemealtı ANTALYA

+90 232 374 42 00

1.4. Emergency telephone number

114

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms

Signal word

Hazard statements

Precautionary statements

P102: keep out of the reach of children

Supplemental Hazard information (EU)

Not applicable.

2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

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SECTION 3. Composition / information on ingredients

3.2. Mixtures

The product contains no substances which at their given concentration, are considered to be hazardous to health.

SECTION 4. First aid measures

4.1. Description of first aid measures

In case of inhalation

Not specifically concerned (aqueous liquid).

Remove from the contaminated area and bring to fresh air.

Following skin contact

Take off dirty clothes.

Rinse immediately and thoroughly with clean water during 15min.

Ingestion Wash out mouth with water.

After eye contact

Flush immediately with plenty of water for 15 mn.

In case of persistent irritation, ask the advice of an ophthalmologist .

After ingestion

Depending on the amount ingested seek medical advice, and show this SDS, or for lack, the label.

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

According to the pathway: tingling, redness, irritation, nausea, vomiting, diarrhoea.

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

Treat symptomatically.

SECTION 5. Firefighting measures

5.1. Extinguishing media

The product itself does not burn.

Suitable extinguishing media:

Water spray jet, Water mist, carbon dioxide, Powder

Extinguishing media which must not be used for safety reasons:

strong water jet

5.2. Special hazards arising from the substance or mixture

By thermal decomposition, product may emit oxides of chlorine

5.3. Advice for firefighters

Provide a conveniently located respiratory protective device. Do not allow water used to extinguish fire to enter drains, ground or waterways. Treat runoff as hazardous.

SECTION 6. Accidental release measures

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6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with the skin and eyes.

Individual protection: see SECTION 8

6.2. Environmental precautions

Limit and impound discharge.

Prevent entry into drains, waters or soil.

6.3. Methods and material for containment and cleaning up

Do not water down. Collect with a neutral absorbent material and sweep it .

Do not reintroduce into original container; treat as a waste.

6.4. Reference to other sections

Refer to sections 8 and 13

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Advices on safe handling

Avoid contact with skin, eyes and clothes. When using do not eat, drink or smoke. Personal protection equipment: refer to chapter 8. Follow the legal protection and safety regulations.

Precautions against fire and explosion:

No special measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Recommended limit height of stacking : 2 pallets

Store out of frost (-10°C) and if possible in a cool place.

Store away from food, drink and animal feedingstuffs.

Protect from heat and direct sunlight. Keep container tightly closed. Always keep in containers that correspond to the material of the original container.

Hints on joint storage

Do not store together with: Food and feedingstuffs.

7.3. Specific end use(s)

Observe technical data sheet. Observe instructions for use.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit values:

Technical measures

Work in the open air.

Exposure limit values

No study has been carried out for the moment on this mixture.

Data substance: (VLE) calcium chloride : TWA = 10mg/m³

8.2. Exposure controls

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Monitoring procedures Medical examination yearly.

Occupational exposure controls

Respiratory protection

Usually no personal respiratory protection necessary.

Hand protection

For prolonged or repeated handling the following glove material must be used: e.g. NBR (Nitrile rubber).

Eye protection

Wear closely fitting protective glasses in case of splashes.

Respiratory protection

Mask recommended while spraying the mixture. Anti-aerosol mask with filter type P1

Hand protection

Protective gloves, such as latex, PVC, rubber. (according to standard EN 374)

Eye protection

Safety goggles (according to standard EN 166)

Skin and body protection

Protective clothing, such as overall.

Hygiene measures

Wash hands with water after handling the product.

Do not eat or drink during the handling.

Environmental protection

Rinse the containers with water and pour rinsing water into spraying tank. Physical and chemical properties

SECTION 9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance : physical state, colour	Liquid, green to brown
Odour	Slight odour, not qualified
Odour threshold	Not determined
pH	8,80
Melting point/freezing point	Not determined
Initial boiling point and boiling range	Not determined
Flash point	Not applicable (aqueous solution)
Evaporation rate	Not determined
Flammability (solide, gaz)	Not applicable (aqueous solution, no flammable component)
Upper/lower flammability or explosive limits	Non applicable
Vapour pressure	Not determined
Vapour density	Not determined
Relative density	1,27
Solubility(ies)	Totally soluble in water in all proportions
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	Not determined

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Decomposition temperature	Not determined
Viscosity	Not determined
Explosive properties	Not applicable (aqueous solution, no explosive component)
Oxidising properties	Not applicable (aqueous solution, no oxidizing component)

9.2. Other information

No information available.

SECTION 10. Stability and reactivity

10.1. Reactivity

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7.

10.2. Chemical stability

The product is stable in normal conditions of use.

Product colour changes with time, without effect on its properties.

10.3. Possibility of hazardous reactions

No data/information available (no specific risk expected).

10.4. Conditions to avoid

Store at temperature above 40°C and below -10°C (cf SECTION 7)

Protect from heat and direct sunlight.

10.5. Incompatible materials

Avoid storage of the product into metallic containers.

10.6. Hazardous decomposition products

In the event of fire: see section 5

SECTION 11. Toxicological information

Classification according to Regulation (EC) No. 1272/2008 [CLP]

No data on preparation itself available.

11.1. Information on toxicological effects

Acute toxicity

Not classified (conventional method)

Skin corrosion/irritation; Serious eye damage/eye irritation

Not classified (conventional method)

Respiratory or skin sensitisation

Toxicological data are not available.

Specific target organ toxicity

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Toxicological data are not available.

Aspiration hazard

Toxicological data are not available.

Practical experience/human evidence

No information available.

Overall Assessment on CMR properties

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

Remark

There is no information available on the preparation itself .

SECTION 12. Ecological information

12.1. Toxicity

No study has been carried out for the moment on this mixture.

12.2. Persistence and degradability

No adverse effect expected on sewage plant working all components are degradable, or biodegradable, or assimilable

12.3. Bioaccumulative potential

No data/information available

12.4. Mobility in soil

Mixture components are completely soluble in water

12.5. Results of PBT and vPvB assessment

No study has been carried out for the moment on the mixture.

12.6. Other adverse effects

No data/information available

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Appropriate disposal / Product Recommendation

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste

disposal according to directive 2008/98/EC, covering waste and dangerous waste.

List of proposed waste codes/waste designations in accordance with EWC

020109 agrochemical waste other than those mentioned in 020108

Packaging Recommendation

Non-contaminated packages may be recycled.

SECTION 14. Transport information

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This mixture is not classified as dangerous according to international transport regulations (ADR/RID, IMDG, ICAO/IATA).

No dangerous good in sense of this transport regulation.

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Land transport (ADR/RID) Not applicable.

Marine pollutant Not applicable.

14.6. Special precautions for user

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 – 8

Additional information

Land transport (ADR/RID)

tunnel restriction code -

Sea transport (IMDG)

EmS-No. Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable.

SECTION 15. Regulatory information

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

EU legislation

National regulations

Restrictions of occupation

Not applicable.

Other regulations, restrictions and prohibition regulations

15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this preparation were not carried out.

SECTION 16. Other information

Full text of classification in section 3:

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Additional information

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The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.