

MATERIAL SAFETY DATA SHEET
BUZZ ULTRA® DF (TEBUCONAZOLE 75% WG)

No. Buzz Ultra, version 1
dt. 5.12.2017

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

Product details -

Trade name: BUZZ ULTRA DF

Product Name: Tebuconazole 75 % WG

Application of the substance / the preparation : Plant protection - agricultural pesticide used as fungicide

Composition : Tebuconazole 75% w/w

Manufacturer/Supplier:

Sulphur Mills Limited
604/605, 6th Floor, 349-Business Point
Western Express Highway, Andheri (East),
Mumbai - 400 069,
India

Further information obtainable from:

Tel.: + 91 22 – 4345 2222

Fax : +91 22 4345/2245

Email : sml@sulphurmills.com

Section 2: Hazards identification

Classification –

Hazard class(es), categories:



GHS08

Reproduction, Cat 2

H361d - Suspected of damaging the unborn child



GHS09

Aquatic chronic 1

H410 : Very toxic to aquatic life with long lasting effects

Labelling

Hazard pictograms



GHS08



GHS09

Signal word: Warning

Hazard statements:

H361d : Suspected of damaging the unborn child

H410 : Very toxic to aquatic life with long lasting effects

Precautionary statements:

P201 : Obtain special instructions before use.

P202 : Do not handle until all safety precautions have been read and understood.

P273 : Avoid release to the environment.

P280 : Wear protective gloves/protective clothing/eye protection/face protection

P308 + P313 : IF exposed or concerned: Get medical advice/attention.

P405 : Store locked up

P391 : Collect spillage

P501 : Dispose of contents/container to approved disposal company or local collection point

Additional labelling statement:

(EUH401) To avoid health risks to human and the environment, follow the instructions for use Safety Advice.




Standard phrases under Regulation (EU) No 547/2011:

SP1: do not contaminate water with the product or its container (do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads)

Section 3 : Composition/Information on Ingredients

Chemical characterization

Description: Mixture of substances listed below with non-hazardous additions.

| Components | | | Classification |
|---------------------------------------|--------------|-------------|---|
| CAS: 107534-96-3 ELINCS: 403-640-2 | Tebuconazole | 75.00 % w/w |  GHS08, Rep Cat 2 H361d : Suspected of damaging the unborn child  GHS09, Aquatic Acute 1, Aquatic Chronic 1 H410 : Very toxic to aquatic life with long lasting effects H400 : Very toxic to aquatic life  GHS07, Acute Tox, 4 H302 : Harmful if swallowed |

Section 4 : First Aid Measures

If poisoning occurs, contact a doctor or Poisons Information Center.

Eyes: Rinse eyes well with copious amount of water for at least 15 minutes.

Skin: Remove any contaminated clothing, wash skin thoroughly with soap and water. Obtain medical attention if irritation occurs.

Inhalation: Remove from source of contaminated to open space/fresh air, maintain respiration. Obtain medical attention if symptoms persist

Ingestion: Rinse mouth with water. Do not induce vomiting. Seek medical attention.

Advice to Doctor : No antidote, treat symptomatically.

Section 5 : Firefighting Measures

Suitable extinguishing agents: Water spray, foam, carbon dioxide or dry chemical or other firefighting measures that suit environment.

For safety reasons unsuitable extinguishing agents: water with full jet

Special hazards arising from the substance or mixture

Can be released in case of fire:

Nitrogen oxide (NO_x)

Carbon monoxide (CO)

Hydrogen chloride (HCl)

Protective equipment:

Wear suitable protective clothing to avoid contact with skin.

Wear self-contained respiratory protective device.

Section 6 : Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Wear safety equipment. Keep unprotected people away.

Eliminate all potential sources of ignition. Equip clean up personnel with appropriate protective equipment and work upwind or increase ventilation

Precautions for the protection of the environment:

Do not discharge into drains, surface water or ground water.

Methods and material for containment and cleaning up:

Cover with damp inert material such as sand and sweep or vacuum up without generating dust. Shovel into labelled, sealed containers, bags or drums for disposal or reuse using a spark-free shovel.

Dispose of contaminated material as waste according to point 13.

Reference to other headings

For information on safe handling, see Chapter 7.

For information on personal protective equipment, see Chapter 8.

For information on disposal, see Chapter 13.

Section 7 : Handling and Storage

Handling:

Information for safe handling: Prevent formation of aerosols.

Information about fire - and explosion protection:

Protect against electrostatic charges.

Keep ignition sources away - Do not smoke.

Wear protective equipments and clothing during use. Avoid skin and eye contact and inhalation of dust. Keep clothing as free from dust as possible.

Storage:

Requirements to be met by storerooms and receptacles:

Store in original container in a cool, well -ventilated area away from sources of heat or ignition and out of direct sunlight.

Keep containers tightly closed. Keep away from children.

Information about storage in one common storage facility:

Do not store together with incompatible materials and foodstuffs.

Further information about storage conditions: Store in cool, dry, well ventilated location.

Specific applications : Used as fungicide

Section 8 : Exposure Controls/Personal Protections

Additional information about design of technical facilities: No further data; see item 7.

Ingredients with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Personal protective equipment:

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.

Respiratory protection: Suitable respiratory protective device recommended.

Protection of hands: Use protective gloves



The glove material has to be impermeable and resistant to the product / the substance / the preparation.

Material of gloves

The choice of appropriate gloves depends not only on the material but also on other quality criteria that may vary from manufacturer to manufacturer. Since the product represents a preparation composed of several substances, the resistance of glove materials cannot be calculated in advance and must, therefore, be checked before use.

Penetration time of glove material

The exact penetration time is to be determined by the manufacturer of the protective gloves and to be respected.

• **Eye protection:** Safety glasses

• **Body protection:** Protective work clothing

Section 9 : Physical and Chemical Properties

BUZZ ULTRA DF

Информационен лист за безопасност

в съответствие с Регламент (ЕО) № 1907/2006 (REACH), с измененията на Регламент (ЕО) 2015/830
 Дата на издаване: 05.12.2017 г. Версия: 1.0

| | |
|---|--|
| General Information | |
| Appearance : | |
| Form | : Beige to brown clouded free flowing granules |
| Colour | : Beige to brownish |
| Odour | : Odourless |
| Change in condition | |
| Melting point/Melting range | : - |
| Boiling point/Boiling range | : - |
| Flash point | : Non flammable |
| Ignition temperature | |
| Self – ignition | : 296.1 °C (corrected value) |
| Danger of explosion | : product does not present an explosion hazard |
| Density | : 0.45 – 0.55 g/ml |
| Solubility in / Miscibility with water | : Dispersible in water |
| Solvent content | : organic: 0.00% , VOC(EC) 0.00 % |
| Solid content | : 100% |
| Additional Information | |
| Oxidizing Properties | : Non oxidizing |

Section 10 : Stability and Reactivity

| | |
|---|---|
| Reactivity / Conditions to Avoid | : Keep away from heat and moisture. |
| Chemical Stability | : Product is stable under normal conditions |
| Possibility of Hazardous Reactions | : No dangerous reactions known |
| Incompatible materials | : No further information available |
| Hazardous decomposition products | : No decomposition if used according to specification |

Section 11 : Toxicological Information

Acute Toxicity

Oral LD₅₀ : > 2000 mg/kg (rat)
Dermal LD₅₀ : > 2000 mg/kg (rat)
Inhalation LC₅₀ (4 hr) : > 2.7 mg/l air (max attainable conc.)

Primary irritant effect:

on the skin : non Irritant to skin, not classified
on the eye : non irritating to eye, not classified
Sensitization : No sensitizing effects known, not classified

CMR effects (carcinogenic, mutagenic and toxic for reproduction)

Germ cell mutagenicity : Based on available data, the classification criteria are not met.

Carcinogenicity : Based on available data, the classification criteria are not met.

Reproductive toxicity : Suspected of damaging the foetus.

Specific target organ toxicity - single exposure : May irritate the respiratory tract.

Specific target organ toxicity - repeated exposure : Based on available data, the classification criteria are not met.

Aspiration hazard : Based on available data, classification criteria are not met

Section 12 : Ecological Information

Fish – LC₅₀(96 hrs) - 7.7 mg/l (Rainbow trout)

Daphnia - EC₅₀(48 hrs) - 11 mg/l

Algae – EC₅₀(72 hrs) - 7.6 mg/l

Honey bee – > 100 µg a.i. per bee (contact)
> 100 µg a.i. per bee nominal & 62 µg a.i. per bee ingested (oral)

Bird - LD₅₀ - 1980 mg/kg bw (Bobwhite quail)

Earthworm - 816 mg/kg dry soil

Persistence and degradability : No further relevant information available.

Bioaccumulative potential : No further relevant information available.

Mobility in soil : No further relevant information available.

General indications:

Must not enter in undiluted or unneutralized state in the wastewater or the collector.



BUZZ ULTRA DF

Информационен лист за безопасност

в съответствие с Регламент (ЕО) № 1907/2006 (REACH), с измененията на Регламент (ЕО) 2015/830
Дата на издаване: 05.12.2017 г. Версия: 1.0

Very toxic to aquatic organisms.

Results of PBT and vPvB assessment

PBT: Not applicable.

VPvB: Not applicable.

Other adverse effects : No further relevant information available.

Section 13 : Disposal Considerations

Product:

Recommendation :

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
European waste catalogue 20 01 19* pesticides

Uncleaned packaging :

Recommendation :

Disposal must be made according to official regulations.
Eliminate empty packaging via collections organized by ADIVALOR partners.

Section 14 : Transport Information

IMDG –

UN No. 3077

Class – 9

Packing group III

ADR –

UN No. 3077

Class – 9

Packing group III



BUZZ ULTRA DF

Информационен лист за безопасност

в съответствие с Регламент (ЕО) № 1907/2006 (REACH), с измененията на Регламент (ЕО) 2015/830
Дата на издаване: 05.12.2017 г. Версия: 1.0

Section 15 : Regulatory Information

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms : Please refer section 2

Signal word : Please refer section 2

Hazard statements : Please refer section 2

Precautionary statements : Please refer section 2

Section 16 : Other Informatiuon

DISCLAIMER

Information contained in this material safety data sheet is believed to be reliable but no representation; guarantee or warranties of any kind are made as to its accuracy, suitability for a particular application or results to be obtained from them. It is up to the User/Distributor to ensure that the information contained in the material safety data sheet is relevant to the product manufactured/handled or sold by him as the case may be, Sulphur Mills Ltd. makes no warranties, expressed or implied, in respect of the adequacy of this document for any particular purpose.