

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



BEZAKTIV RED GO

Version 1.0

Revision Date 31.08.2011

Print Date 16.07.2013

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

1.1 Product identifier

Trade name : BEZAKTIV RED GO

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

Use of the Sub-
stance/Mixture : Dye for the textile finishing

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier

CHT R. BEITLICH GMBH
Bismarckstraße 102
72072 Tübingen
Germany
Tel.: +49(0)70 71 15 40
info@cht.com

BEZEMA AG
Kriessernstrasse 20
9462 Montlingen
Switzerland
Tel.: +41(0)71 763 88 11
bezema@bezema.com

Importer : -
-
-
-
-
-

Responsible Department : CHT R. BEITLICH GMBH
BEZEMA AG
Product Safety
msds@cht.com
product.safety@bezema.com

1.4 Emergency telephone number

Emergency telephone : +49(0)70 71 15 40 (Germany, 24 hours)
number : +41(0)71 763 88 11 (Switzerland, 24 hours)

2. Hazards identification

2.1 Classification of the substance or mixture

Classification (67/548/EEC, 1999/45/EC)

This mixture is not classified as dangerous according to Directive 1999/45/EC.

2.2 Label elements

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Labelling according to EC Directives (1999/45/EC)

Further information : The product does not need to be labelled in accordance with EC directives or respective national laws.

2.3 Other hazards

According to our present knowledge the product does not contain persistent, bioaccumulative and toxic substances (PBT substances) or very persistent and very bioaccumulative (vPvB substances) as defined in Annex XIII of the Regulation (EG) No 1907/2006 (REACH), respectively.

3. Composition/information on ingredients

3.2 Mixtures

Chemical nature : Reactive dyestuff
dedusted product

Remarks : No dangerous ingredients according to Regulation (EC) No. 1907/2006

4. First aid measures

4.1 Description of first aid measures

General advice : Take off contaminated clothing and shoes immediately.

If inhaled : Move to fresh air.
If symptoms persist, call a physician.

In case of skin contact : Wash off immediately with soap and plenty of water.

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 10 minutes.
If symptoms persist, call a physician.

If swallowed : Rinse mouth with water.
Immediately give plenty of water (if possible charcoal slurry).
If symptoms persist, call a physician or Poison Control Centre immediately.

4.2 Most important symptoms and effects, both acute and delayed

Risks : irritant effects

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

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5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Water spray jet
Dry powder
Foam

Unsuitable extinguishing media : Carbon dioxide (CO₂)

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting : Exposure to decomposition products may be a hazard to health.

5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : In case of fire do not inhale smoke, conflagration gases and steams.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Wear personal protective equipment.
Avoid breathing dust.

6.2 Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Use mechanical handling equipment.
Avoid dust formation.
Dispose of in accordance with local regulations.

6.4 Reference to other sections

For personal protection see section 8.

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7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Avoid creating dust.
Provide sufficient air exchange and/or exhaust in work rooms.

Advice on protection against fire and explosion : Take measures to prevent the build up of electrostatic charge.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep containers tightly closed in a dry, cool and well-ventilated place.
Store in original container.

Advice on common storage : No special precautions required.

7.3 Specific end uses

Note : Consult the technical guidelines for the use of this substance/mixture.

8. Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Engineering measures

Provide sufficient air exchange and/or exhaust in work rooms.

Personal protective equipment

Respiratory protection : Effective dust mask.
P1 filter

Hand protection : PVC or other plastic material gloves

Eye protection : Safety glasses with side-shields

Skin and body protection : Long sleeved clothing

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
Keep away from food, drink and animal feedingstuffs.

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When using do not eat or drink.

Protective measures : Do not breathe dust.
Avoid contact with the skin and the eyes.

Environmental exposure controls

General advice : Do not flush into surface water or sanitary sewer system.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : powder

Colour : red

Odour : characteristic

Flash point : not applicable

Flammability (solid, gas) : does not ignite

pH : 4,5 - 8,0
at 10,00 g/l
20 °C

Water solubility : 100 g/l
at 20 °C

9.2 Other information

10. Stability and reactivity

10.1 Reactivity

No decomposition if stored and applied as directed.

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

Hazardous reactions : No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

Conditions to avoid : not applicable

10.5 Incompatible materials

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Materials to avoid : Avoid contact with other chemicals.

10.6 Hazardous decomposition products

Thermal decomposition : No decomposition if stored and applied as directed.

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity : LD50 Oral: > 2.000 mg/kg
Species: rat

Skin corrosion/irritation

Skin irritation : No skin irritation

Serious eye damage/eye irritation

Eye irritation : No eye irritation

Respiratory or skin sensitization

Sensitisation : No known sensitising effect.

Further information

: This product is classified as a reactive dye. This class of product can cause sensitization of the respiratory tract. People with asthma or respiratory conditions should not handle reactive dyes.

12. Ecological information

12.1 Toxicity

Toxicity to fish : LC0: > 100 mg/l
Exposure time: 96 h
Species: Leuciscus idus (Golden orfe)
Method: OECD Test Guideline 203

: LC50: > 100 mg/l
Exposure time: 96 h
Species: Leuciscus idus (Golden orfe)
Method: OECD Test Guideline 203

Toxicity to bacteria : EC50: > 100 mg/l
Exposure time: 3 h
Respiration inhibition of activated sludge
Method: Retarded respiration test (OECD 209)

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12.2 Persistence and degradability

Biodegradability : Dyestuffs are, as indicated, very persistent and they are, under the conditions of the sewage plant or water course, very difficult to biodegrade.

Chemical Oxygen Demand (COD) : 640 mg/g

Physico-chemical removability : 20 - 50 %
Method: static method (Photometry)
The elimination of dyestuff from dyeing liquors or washing baths is possible up to at least 95 % by means of cationic amide condensation products.

12.3 Bioaccumulative potential

Bioaccumulation : Does not accumulate in organisms.

12.4 Mobility in soil

Mobility : no data available

12.5 Results of PBT and vPvB assessment

According to our present knowledge the product does not contain persistent, bioaccumulative and toxic substances (PBT substances) or very persistent and very bioaccumulative (vPvB substances) as defined in Annex XIII of the Regulation (EG) No 1907/2006 (REACH), respectively.

12.6 Other adverse effects

Adsorbed organic bound halogens (AOX) : 1,8 %
determined in the product (DIN EN 1485). The dye is free of halogens in the chromophore. The stated value of organic halogen compounds is due to the monochlorotriazinic reactive group. During the dyeing process it is hydrolysed to inorganic chloride (salt).

13. Disposal considerations

13.1 Waste treatment methods

Product : Dispose of as special waste in compliance with local and national regulations.

European Waste Catalogue : 040217 : dyestuffs and pigments other than those mentioned in 04 02 16

Contaminated packaging : Dispose of as unused product.

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14. Transport information

ADR

Not dangerous goods

IATA

Not dangerous goods

IMDG

Not dangerous goods

15. Regulatory information

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

Other regulations : Currently no information available.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment is not required for this substance.

16. Other information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

This safety datasheet only contains information relating to safety and does not replace any product information or product specification.