

SAFETY DATA SHEET



In accordance with (EU) Nr. 453/2010

Revision Date: 26.11.2014 replace vers. from 31.08.2012

Tradename: MIXOL® ME 3 Kupfer (Copper)

page 1/5

SECTION 1: IDENTIFICATION OF SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1. PRODUCT IDENTIFIER

Tradename: MIXOL® ME 3 Kupfer (Copper)

1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCES OR MIXTURE AND USES ADVISED AGAINST

Relevante identified uses of the substance or mixture

Industry sector: Industrial Performance Chemicals
Paints, lacquers and varnishes industry
Polymers industry
Printing Inks Industry

Type of use: Colourant preparation

1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Identification of the company:

MIXOL-PRODUKTE

Diebold GmbH

Carl-Zeiss-Str. 17-19

73230 Kirchheim/Teck

Phone: 0049 / 7021 / 950090

Fax: 0049 / 7021 / 56030

Information to substance / mixture:

Division: Technics

Phone: +49(0)7021 / 950090

E-mail: Technik@mixol.de

1.4. EMERGENCY TELEPHONE NUMBER

GBK Gefahrgut Büro GmbH, Ingelheim, Germany

From outside US:(001) 352-323-3500

(First call in English, response in your language is possible)

US & Canada (toll free): 1-800-5355-053

SECTION 2: HAZARDS IDENTIFICATION

2.1. CLASSIFICATION OF THE SUBSTANCE / MIXTURE

Classification according EC Directive (67/548/EWG or 1999/45/EG, as amended):

Not a hazardous substance or mixture.

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

Not a dangerous substance according to GHS.

2.2. LABEL ELEMENTS

Labeling(Regulation (EC) No.1272/2008):

Not a dangerous substance or mixture according to the Globally Harmonised System (GHS).

2.3. OTHER HAZARDS

No informations available.

SECTION 3: COMPOSITION / INFORMATION TO INGREDIENTS

3.1. MIXTURES

No dangerous ingredients, according to Regulation (EU) No. 1907/2006.

SECTION 4: FIRST AID MEASURES

4.1. DISCRIPTION OF FIRST AID MEASURES

This information is not available.

Immediately wash with water and soap and rinse thoroughly.

4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED SYMPTOMS

This information is not available.

Safety Data Sheet

gemäß Verordnung (EU) Nr. 453/2010

Revision Date:26.11.2014 replace vers. from 31.08.2012

Tradename: MIXOL® ME 3 Kupfer (Copper)

page 2/5

- 4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED
No symptoms known currently.

SECTION 5: FIREFIGHTING MEASURES

- 5.1. EXTINCTION AGENTS:
This information is not available.
- 5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE
This information is not available.
- 5.3. ADVICE FOR FIREFIGHTERS
This information is not available.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES
This information is not available.
- 6.2. ENVIRONMENT PRECAUTIONS
This information is not available.
- 6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP
This information is not available.
- 6.4. CROSS REFERENCE TO OTHER SECTIONS
This information is not available.

SECTION 7: HANDLING AND STORAGE

- 7.1. PRECAUTIONS FOR SAFE HANDLING
This information is not available.
- 7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES
This information is not available.
- Storage stability:
Storage stability of at least 18 month.
- 7.3. SPECIFIC END USE(S)
This information is not available.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1. CONTROL PARAMETERS

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Update	Basis
Titanium Dioxide	13463-67-7	TWA(Inhalable)	10 mg/m ³	2011-12-01	GB EH40
Further information		The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m-3 8-hour TWA of inhalable dust or 4 mg.m-3 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed above these levels. Some dusts have been assigned specific WELs and exposure to these must comply with the appropriate limit. Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used.			

Safety Data Sheet

gemäß Verordnung (EU) Nr. 453/2010

Revision Date: 26.11.2014 replace vers. from 31.08.2012

Tradename: MIXOL[®] ME 3 Kupfer (Copper)

page 3/5

Titanium Dioxide	13463-67-7	TWA(Respirable)	4 mg/m ³	2011-12-01	GB EH40
Further information	The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m-3 8-hour TWA of inhalable dust or 4 mg.m-3 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed above these levels. Some dusts have been assigned specific WELs and exposure to these must comply with the appropriate limit. Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used.				
mica	12001-26-2	TWA	10 mg/m ³	2005-04-06	GB EH40
Further information	For the purposes of these limits, respirable dust and inhalable dust are those fractions of airborne dust which will be collected when sampling is undertaken in accordance with the methods described in MDHS14/3 General methods for sampling and gravimetric analysis of respirable and inhalable dust. Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used.				
mica	7429-90-5	TWA(Inhalable)	0,8 mg/m ³	2005-04-06	GB EH40
Further information	For the purposes of these limits, respirable dust and inhalable dust are those fractions of airborne dust which will be collected when sampling is undertaken in accordance with the methods described in MDHS14/3 General methods for sampling and gravimetric analysis of respirable and inhalable dust. Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used				

8.2. EXPOSURE CONTROLS

No data available

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. APPEARANCE

Physical state:	liquid
Colour:	characteristic
Odour:	characteristic
pH:	no data available
Freezing point:	no data available
Boiling point/boiling range:	100 °C
Flash point:	>100°C
Bulk density:	no data available
Flammibility(solid, gas)	no data available
Upper explosion limit:	no data available
Lower explosion limit:	no data available
Vapour pressure at 20 °C:	no data available
Density at 20 °C:	no data available
Solubility in water:	no data available
Solubility in other solvents:	no data available
Partition coefficient n-octanol/water:	no data available
Auto ignition temperature:	no data available

Safety Data Sheet

gemäß Verordnung (EU) Nr. 453/2010

Revision Date: 26.11.2014 replace vers. from 31.08.2012

Tradename: MIXOL[®] ME 3 Kupfer (Copper)

page 4/5

Thermal decomposition:	no data available
Viscosity, dynamic:	no data available
Viscosity, kinematic:	no data available
Flow time:	no data available

9.2. OTHER INFORMATION
No data available.

SECTION 10: STABILITY AND REACTIVITY

- 10.1. REACTIVITY
No data available.
- 10.2. CHEMICAL STABILITY
No data available.
- 10.3. POSSIBILITY OF HAZARDOUS REACTIONS
No data available.
- 10.4. CONDITIONS TO AVOID
No data available.
- 10.5. INCOMPATIBLE MATERIALS
No data available.
- 10.6. HAZARDOUS DECOMPOSITION PRODUCTS
No data available.

SECTION 11: TOXICOLOGIC INFORMATION

- 11.1. ACUTE TOXICITY
 - Skin corrosion / irritation: no data available
 - Serious eye damage/ eye irritation: no data available
 - Respiratory or skin sensitization: no data available
 - Carcinogenicity: no data available
 - Toxicity to reproduction/fertility: no data available
 - Reprod.Tox., Development, Teratog.: no data available
 - STOT – single exposure: no data available
 - STOT – repeated exposure: no data available
 - Aspiration toxicity: no data available

SECTION 12: ECOLOGICAL INFORMATION

- 12.1. TOXICITY:
No data available
 - 12.2. PERSISTENCE AND DEGRADABILITY
No data available.
 - 12.3. BIOACCUMULATIVE POTENTIAL
No data available.
 - 12.4. MOBILITY IN SOIL
No data available.
 - 12.5. RESULTS OF PBT AND VPVB ASSESSMENT
No data available.
 - 12.6. OTHER ADVERSE EFFECTS
Additional ecotoxicological remarks:
No data available.
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Safety Data Sheet

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Revision Date: 26.11.2014 replace vers. from 31.08.2012

Tradename: MIXOL® ME 3 Kupfer (Copper)

page 5/5

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. WASTE TREATMENT METHODS

European waste catalogue:

120104-non ferrous metal dust and particles.

Product:

No data available.

SECTION 14: TRANSPORT INFORMATION

14.1. TO 14.5.

ADR: not restricted

ADNR: not restricted

RID: not restricted

IATA: not restricted

IMDG: not restricted

14.6. TRANSPORT / ADDITIONAL INFORMATION

No dangerous goods according to transport regulations

14.7. TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE

Not dangerous according to the above specifications.

SECTION 15: LEGISLATIVE PROVISIONS

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

Water contaminating class (Germany): WGK 1 slightly water endangering

15.2. CHEMICAL SAFETY ASSESSMENT

No data available

SECTION 16: OTHER INFORMATION

This information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. MIXOL-PRODUKTE Diebold GmbH makes no warranties, express or implied, as to the information accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of MIXOL products for its particular application. Nothing included in this information waives any of MIXOL's General Terms and Conditions of Sale, which control unless it agrees otherwise in writing.

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For additional information, please contact MIXOL-PRODUKTE Diebold GmbH.