

SAFETY DATA SHEET



in accordance with Regulation 1907/2006/EC

Revision Date: 10.02.2010

Trade name: MIXOL No. 17 Senf (Mustard)

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1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

TRADE NAME:

MIXOL No. 17 Senf (Mustard)

USE OF THE SUBSTANCE / PREPARATION:

Industry sector: Industrial Performance Chemicals
Paints, lacquers and varnishes industry
Polymers industry
Printing Inks Industry
Type of use: Colourant preparation

IDENTIFICATION OF THE COMPANY:

MIXOL-PRODUKTE
DIEBOLD GMBH
Postfach 1119
73219 KIRCHHEIM/TECK
Germany
Phone: 0049/ 7021 / 950090
Fax: 0049/ 7021 / 56030

INFORMATION ABOUT THE SUBSTANCE/ PREPARATION:

Division Technics
Phone: 0049/ 7021 / 950090
Fax: 0049/ 7021 / 56030
Mail: Technik@mixol.de

EMERGENCY TELEPHONE NUMBER:

0049/ 7021/ 950090 (Office hours (8-16))

2. HAZARDS IDENTIFICATION

According to the present state of knowledge provided this product is handled correctly, there is no danger to humans or the environment.

Keep the product out of the reach of children.

3. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERIZATION:

C.I. Pigment Yellow 42, Green 7, Yellow 3, organic and anorganic pigments, polymers and Ca-carbonate in aqueous dispersion containing propylene- and polyglycol.

HAZARDOUS INGREDIENTS:

Ethoxylated oleyl alcohol
Concentration: $\geq 9,9 - \leq 11,0$ %
CAS number: 9004-98-2
Hazard symbols: Xn
R phrases: 22 41

The text of the R-phrases is shown in section 16.

4. FIRST AID MEASURES

GENERAL INFORMATION:

Seek medical assistance if discomfort continues.

AFTER INHALATION:

Remove the casualty into fresh air and keep him calm.

AFTER CONTACT WITH SKIN:

In case of contact with skin, clean with soap and water.

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AFTER CONTACT WITH EYES:

Rinse the affected eye with plenty of lukewarm water, at the same time keep the unaffected eye well protected.

AFTER INGESTION:

Do not induce vomiting.
Seek medical advice immediately.
Show safety data sheet or label.

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

water spray jet
dry powder
carbon dioxide
alcohol-resistant foam

EXTINGUISHING MEDIA THAT MUST NOT BE USED FOR SAFETY REASONS:

Full water jet

SPECIAL HAZARDS FROM THE SUBSTANCE ITSELF ITS COMBUSTION PRODUCTS OR FROM ITS VAPOURS:

In case of fires, hazardous combustion gases are formed:

Carbon monoxide (CO)
Carbon dioxide (CO₂)
Nitrogen oxides (NO_x)
Hydrogen chloride (HCl)
Sulphur dioxide (SO₂)

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTING:

Use self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

Wear suitable personal protective equipment.

ENVIRONMENTAL PRECAUTIONS:

Do not allow entry to drains, water courses or soil.

METHODS FOR CLEANING UP / TAKING UP:

Take up with absorbent material (eg. sand, kieselgur, universal binder).
When picked up, treat material as prescribed under point 13 "Disposal considerations".

7. HANDLING AND STORAGE

ADVICE ON SAFE HANDLING:

When used and handled appropriately no special measures are needed.

ADVICE ON PROTECTION AGAINST FIRE AND EXPLOSION:

Observe the general rules of industrial fire protection.

FURTHER INFORMATION ON STORAGE CONDITIONS:

In case of the product becoming opaque, thickening or being frozen due to the effects of cold, allow to thaw slowly at room temperature. Stir briefly before use.

STORAGE STABILITY:

Shelf-life: at least 36 months

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE CONTROLS:

EXPOSURE LIMIT VALUES:

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GENERAL PROTECTIVE MEASURES:	Observe the usual precautions for handling chemicals.
HYGIENE MEASURES:	Keep away from food and drinks. Wash hands before breaks and after work. Use barrier skin cream. Remove soiled or soaked clothing immediately and clean thoroughly before using again.
RESPIRATORY PROTECTION:	Yes, if TLV value is exceeded
HAND PROTECTION:	Nitrile rubber gloves Minimum breakthrough time (glove): not determined Minimum thickness (glove): not determined Observe the information of the glove manufacturer on permeability and breakthrough times and other workplace requirements
EYE PROTECTION:	Safety glasses
BODY PROTECTION:	Protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	liquid
COLOUR:	green
ODOUR:	not specified
BOILING POINT:	approx. 100 °C (1.013 hPa)
FLASH POINT:	No flash point – Measure made up to the boiling point
DENSITY:	approx. 1,5 g/cm ³ (20° C)
SOLUBILITY IN WATER:	miscible (20° C)
pH-VALUE:	approx. 7,9 (20° C) aqueous suspension
VISCOSITY (DYNAMIC):	approx. 900 mPa.s (20°C)
FURTHER INFORMATION:	No incompatible substances known

10. STABILITY AND REACTIVITY

THERMAL DECOMPOSITION:	> 100° C with dehydration
HAZARDOUS REACTIONS:	When handled and stored appropriately no dangerous reactions are known.
HAZARDOUS DECOMPOSITION PRODUCTS:	When handled and stored appropriately no dangerous decomposition products are known.

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL TOXICITY:	LD50 > 2.000 mg/kg Method: 1999/45/EC
IRRITANT EFFECT ON SKIN:	non-irritant Method: 1999/45/EC
IRRITANT EFFECT ON EYES:	non-irritant (rabbit eye) Test result of a similar preparation

12. ECOLOGICAL INFORMATION

BIODEGRADABILITY:	This property is substance specific and cannot be given for the preparations.
FISH TOXICITY:	not determined

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DAPHNIA TOXICITY:	not determined
ALGAE TOXICITY:	not determined
BACTERIA TOXICITY:	not determined
REMARKS:	Do not allow to enter soil, waterways or waste water. Classification according to the calculation procedure of the Dangerous Preparations Directive (1999/45/EC)

13. DISPOSAL CONSIDERATIONS

PRODUCT:

Product should be taken to a suitable and authorized waste disposal site in accordance with relevant regulations and if necessary after consultation with the waste disposal operator and/or the competent authorities.

UNCLEANED PACKAGING:

Packaging that cannot be cleaned should be disposed of as product waste.

14. TRANSPORTATION INFORMATION

ADR: not restricted

RID: not restricted

ADNR: not restricted

IMDG: not restricted

IATA: not restricted

15. REGULATORY INFORMATION

LABELLING IN ACCORDANCE WITH EC-DIRECTIVES:

Hazard warning labelling not compulsory.

SPECIFIC LABELLING OF CERTAIN PREPARATIONS:

Material safety data sheet available for professional user upon request.

CHEMICAL SAFETY ASSESSMENT:

No Chemical Safety Assessment (CSA) is yet available for the substance, or for the ingredients of the preparation, which constitute(s) this product.

16. OTHER INFORMATION

TEXT OF THE R-PHRASES WHICH ARE ALLOCATED TO THE INGREDIENTS/COMPONENTS MENTIONED IN SECTION 2 OF THIS SAFETY DATA SHEET:

- | | |
|----|---------------------------------|
| 22 | Harmful if swallowed. |
| 41 | Risk of serious damage to eyes. |
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Decimal notation: "Thousands" places are identified with a dot (example: 2.000 mg/kg means "two thousand mg/kg"). Decimal places are identified with a comma (example: 1,35g/cm³).

These product informations are based on our present state of our knowledge, information and experience. No responsibility or liability can be assumed for factors lying outside our knowledge and control.

Statements in catalogues and any other written information handed over to customers are in no way to be understood as guarantees as to characteristics and neither as an agreement on the characteristics. The possible purpose of use of the object of delivery is by no means part of the agreed characteristics. All users are responsible for checking that all products used comply with the specific requirements of their intended application.