

# SAFETY DATA SHEET



in accordance with 2001/58/EC

Revision Date: 09.01.2006

**Trade name: MIXOL No. 3 Oxyd-Rehbraun (Oxide Brown)**

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## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

TRADE NAME:

MIXOL No. 3 Oxyd-Rehbraun (Oxide Brown)

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  
D-73219 KIRCHHEIM/TECK  
Phone: 07021 / 950090  
Fax: 07021 / 56030

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERIZATION:

C.I. Pigment Yellow 42, Red 101, Black 33 and Ca-carbonate in aqueous dispersion containing propylene glycol

HAZARDOUS INGREDIENTS:

Sebacousfatpropylene diamin  
Concentration: 0,2 %  
EINECS-number: 263-189-0  
Hazard symbols: C N  
R phrases: 22 34 50/53

Ethoxylated oleyl alcohol  
Concentration: 9,8 – 11,15 %  
CAS number: 9004-98-2  
Hazard symbols: Xn  
R phrases: 22 41

Poly(oxy-1.2-ethandiyl), a-sulfo-w-(2,4,6-tris(1-methylpropyl)phenoxy)-, Na-Salt  
Concentration: 0,15 %  
CAS number: 109909-39-9  
Hazard symbols: Xi  
R phrases: 41 52/53

## 3. HAZARDS IDENTIFICATION

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

## 4. FIRST AID MEASURES

GENERAL INFORMATION:

Seek medical assistance if discomfort continues.

AFTER CONTACT WITH SKIN:

In case of contact with skin, clean with soap and water. Consult a physician if any symptoms develop.

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## AFTER CONTACT WITH EYES:

Immediately rinse eyes with running water and seek medical advice.

## AFTER INGESTION:

If swallowed, do not induce vomiting, seek medical advice immediately and show safety data sheet.

**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 (CO<sub>2</sub>)  
nitrogen oxides (NO<sub>x</sub>)  
sulphur dioxide (SO<sub>2</sub>)

## SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTING:

Use self-contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES**

## METHODS FOR CLEANING UP / TAKING UP:

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

## ENVIRONMENTAL PRECAUTIONS:

Do not discharge into the drains/surface waters/groundwater.

**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:

Keep only in the original container at temperature not exceeding 50 °C. 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**

## GENERAL PROTECTIVE MEASURES:

Observe the usual precautions for handling chemicals.

## HYGIENE MEASURES:

Wash hands before breaks and after work.  
Use barrier skin cream.  
Remove soiled or soaked clothing immediately and clean thoroughly before using again.  
Keep away from foods and drinks.

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HAND PROTECTION:	rubber gloves
EYE PROTECTION:	safety glasses
BODY PROTECTION:	protective clothing

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

FORM:	liquid
COLOUR:	red-brown
ODOUR:	odourless
BOILING POINT:	> 80 °C
FLASH POINT:	No flash point – Measure made up to the boiling point
DENSITY:	approx. 1,62 g/cm <sup>3</sup> (20 °C)
SOLUBILITY IN WATER:	miscible (20 °C)
pH-VALUE:	approx. 7,3 (20 °C) aqueous suspension
FURTHER INFORMATION:	No incompatible substance known.

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**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.

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**11. TOXICOLOGICAL INFORMATION**

ACUTE ORAL TOXICITY:	LD50 > 2.000 mg/kg (rat) Method: 1999/45/EC
IRRITANT EFFECT ON SKIN:	non-irritant Method: 1999/45/EC
IRRITANT EFFECT ON EYES:	non-irritant Method: OECD 405

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**12. ECOLOGICAL INFORMATION**

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

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**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.

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**14. TRANSPORTATION INFORMATION**

ADR: not restricted

RID: not restricted

ADNR: not restricted

IMDG: not restricted

IATA: not restricted

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**15. REGULATORY INFORMATION**

## LABELLING IN ACCORDANCE WITH EC-DIRECTIVES:

Hazard warning labelling not compulsory.

## NATIONAL RULES:

The product is not subject of the regulation of inflammable liquids.

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**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.

34 Causes burns.

41 Risk of serious damage to eyes.

50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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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.

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