

SAFETY DATA SHEET



in accordance with 2001/58/EC

Revision Date: 05.04.2006

Trade name: MIXOL No. 21 Oxyd-Terrabraun (Oxide Terra Brown) Page 1

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

TRADE NAME:

MIXOL No. 21 Oxyd-Terrabraun (Oxide Terra 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:

Ethoxylated oleyl alcohol
Concentration: 8,7 – 9,8 %
CAS number: 9004-98-2
Hazard symbols: Xn
R phrases: 22 41

Tallow fatty propylene diamine
Concentration: 0,21 %
EINECS number: 263-189-0
Hazard symbols: C N
R phrases: 22 34 50/53

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.

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.

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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)
Sulphur dioxide (SO₂)

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.

HAND PROTECTION: rubber gloves

EYE PROTECTION: safety glasses

BODY PROTECTION: protective clothing

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9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------|---|
| FORM: | liquid |
| COLOUR: | orange |
| ODOUR: | odourless |
| BOILING POINT: | > 80 °C |
| FLASH POINT: | No flash point – Measure made up to the boiling point |
| DENSITY: | approx. 1,68 g/cm ³ (20 °C) |
| SOLUBILITY IN WATER: | miscible (20 °C) |
| pH-VALUE: | approx. 8,2 (20 °C) aqueous suspension |
| FURTHER INFORMATION: | No incompatible substance 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 (rat) Method: 1999/45/EC |
| IRRITANT EFFECT ON SKIN: | non-irritant Method: 1999/45/EC |
| IRRITANT EFFECT ON EYES: | non-irritant Method: 1999/45/EC |

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) |

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

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.

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.

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.