

# SAFETY DATA SHEET



in accordance with 2001/58/EC

Revision Date: 07.03.2006

**Trade name: MIXOL No. 12 Tannengrün (Fir Green)**

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

### TRADE NAME:

MIXOL No. 12 Tanengrün (Fir Green)

### 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, Yellow 73, Blue 15:3, Green 7, Black 7 and Ca-carbonate in aqueous dispersion containing propylene- and diethylene glycol

### HAZARDOUS INGREDIENTS:

Diethyleneglykol			
Concentration:	1,6 %		
CAS number:	111-46-6		
EINECS-number:	203-872-2		
Hazard symbols:	Xn		
R phrases:	22		
Ethoxylated oleyl alcohol			
Concentration:	9,4 – 10,7 %		
CAS number:	9004-98-2		
Hazard symbols:	Xn		
R phrases:	22	41	
Amin, Soja-alkyl-			
Concentration:	0,07– 0,14 %		
CAS- number:	61790-18-9		
EINECS-Nummer:	263-112-0		
Hazard symbols:	C	N	
R phrases:	22	35	50
Ethoxylated oleyl alcohol mod.			
Concentration:	0,2 %		
Hazard symbols:	Xn		
R phrases:	22		

## 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.

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**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 (CO<sub>2</sub>)  
nitrogen oxides (NO<sub>x</sub>)  
hydrogen chloride (HCl)

## SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTING:

Use self-contained breathing apparatus.

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**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.

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**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

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**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

**9. PHYSICAL AND CHEMICAL PROPERTIES**

FORM: liquid

COLOUR: green

ODOUR: odourless

BOILING POINT: &gt; 80 °C

FLASH POINT: No flash point – Measure made up to the boiling point

DENSITY: approx. 1,47 g/cm<sup>3</sup> (20 °C)

SOLUBILITY IN WATER: miscible (20 °C)

PH-VALUE: approx. 7,9 (20 °C) aqueous suspension

## FURTHER INFORMATION:

No incompatible substance known.

**10. STABILITY AND REACTIVITY**

THERMAL DECOMPOSITION: &gt; 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/ECIRRITANT EFFECT ON SKIN: non-irritant  
Method: 1999/45/ECIRRITANT EFFECT ON EYES: non-irritant  
Method: OECD 405**12. ECOLOGICAL INFORMATION**

BIODEGRADABILITY: This property is substance specific and cannot be given for the preparations.

FISH TOXICITY: not determined

DAPHNIA TOXICITY: not determined

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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.

## 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.
- 35 Causes severe burns.
- 36/38 Irritating to eyes and skin.
- 41 Risk of serious damage to eyes.
- 50 Very toxic to aquatic organisms.
- 52/53 Harmful 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.