

## 1. Material, preparation and firm appellation

### Appellation of the material or the preparation

**Article description** : Anti Grafitti Permanent Protect Top AGPS Komponente B

**Application area** : Graffiti and color remover

**Material class** : mixture of mono and di-carbon acid esters, al-cyldiglykoles,

A organo- nitrogen combination, tensides.

**Emergency call number** : 06384/9938/0

## 2. Composition / Indications to components

### Chemical characterization:

#### Contains

Material	CAS-no.	weight-%	R-phrases
2-(2-butoxyethoxy)ethanol	112-34-5 < 12	Xi	36
N-methyl-2-pyrrolidon	872-50-4 < 40	Xi	36,38
Grease-alcoholpolyglykolether	< 8	Xn	22,36

Classification according to 18<sup>th</sup> adaptation of RL 67/548 EWG and hazardous material regulations. It was changed last by alteration regulations dated 01 November 1993. All single components are included in the EINECS.

## 3. Possible dangers

**Danger designation** : Xi – irritating

**R-phrases** : R36/38 – Irritates eyes and skin.

**Danger symbol** :



## 4. First aid measures

**Contact with skin** : Wash with water and soap.

**Contact with eyes** : Douche at least for 15 minutes under running water, Additional check by eye specialist is necessary.

**Inhaling** : fresh air

**Swallowing** : consult a doctor.

**Further indications** : protective skin ointment is recommended.

## 5. Measures for fire combat

**Suitable extinguishing agents** : CO<sub>2</sub>, powder, water fog.

**Unsuitable extinguishing agents** : water (full jet)

**Special danger** :

**Special protection equipment** : use isolating device.

## 6. Measures for unintentional release

**Personal precautions** : change tintured clothes, goggles, gloves.

**Measures for environmental protection** : avoid invading of bigger amounts into ground, canalization and open bodies of water.

**Measures for cleaning** : pick up with shovel resp. sand – hazardous waste, wash away rests with lots of water.

## 7. Handling and storage

**Hints for handling** : secure a thrifty association, avoid spray and drop losses

**Hints for storage** : ventilation of warehouse, frost free.

**Requirements for storerooms** : dry and cool

**Hints for a storage together with other products** : do not store together with acids, lyes or oxidation agents.

**Further indications** : note general regulations of hygiene at association with chemicals, storable in original for 24 months from fabrication date

## 8. Exposure limit and personal safety equipment

**Technical safety measures** : no specific protection measures necessary.

**Limits of exposition** : MAK value: 20 ppm      80 mg/m<sup>3</sup> for CAS-no. 872-50-4  
100 mg/m<sup>3</sup> for CAS-no. 112-34-5  
BAT value:  
TRK value:

### Personal security

**Respiratory protection** : not required

**Hand protection** : rubber gloves (no pvc!!!)

**Eye protection** : goggles



**Sensitization of skin** :  
**Irritation of eyes** : irritating  
**Further indications** :

## 12. Indications for ecology

**Acute fish toxicity** : > 4.600 mg prod./1 (Goldorfen)  
**Biological degradability** : easily degradable  
**Water danger class** : 1 – self classification  
**Further indications** :

## 13. Hints for disposal

**Product** : disposal by burning.  
**Packaging** : re-usable after cleaning  
**Waste key** : 070704 solvent mixtures, halogen free.

## 14. Transport information

**ADR/RID (GGVS/GGVE)**  
**Class** : **Figure/letter:**  
**Warning sign: Danger-no.:** **substance-no.**  
**Appellation of goods** :  
**Remark** :

**AND/ADNR**  
**(GGVB) class** : **Figure/letter:**  
**Categorie** :  
**Appellation of goods** :  
**Remark** :

**IMDG (GGV See) class** : **UN-no.:**  
**PG** :  
**Marine pollutant** : yes (P or PP)/ no  
**Proper technical name** :  
**Remark** :

**ICAO/IATA class** :  
**PG** :  
**Proper technical name** :  
**Remark** :  
**Further indications:**

**UN-no.:**

## 15.Prescriptions

### Labeling according to EG policies:

**Danger symbol** : Xi irritating

**R-phrases** : 36/38 Irritation of eyes or skin is possible.

**S-phrases** : S2 May not get into children's hands.  
S26 In case of contact with eyes douche immediately  
thoroughly with water and consult a doctor.  
S41 do not inhale gases of explosion or fire

### National prescription

#### Danger class according to VBF :

**TRBF** :  
**TRGS** : 900 (150)  
**TA air** : Class III (< 50 %)  
**Top limitation** : cat. 1  
**Pregnancy group** : D (CAS-no.: 872-50-4)

#### Principle of trade association:

#### Prescriptions of trade association:

**Occupational disease** :  
**Health examination** :

## 16.Sonstige Angaben

The indications in this safety data sheet are based on the present state of the knowledge and experience. They are supposed to serve for a description of the products in view of any safety requirements. These indications do not represent a promise of properties.

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