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MultiEx B11 (old: 2P-8013-3)

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2. COMPOSITION/ INFORMATION ON INGREDIENTS**2.2 Chemical Ingredients**

2.2.1 Description: Subject to regulations EG 648/2004 VO the product contains: Alcylpropylenglycoles, amines, inhibitors, foam regulators, pH-regulators

2.2.2 Components contributing to hazard	2.2.3 CAS-No.	2.2.4 Contents	Risk Phrases
2-aminoethanol	141-43-5	<10% Xn	C, R20/21/22-34

2.2.6 Additional information:

3. HAZARDS IDENTIFICATION

Special dangers for individuals and environment none known. Local irritations on skin possible.

4. FIRST-AID MEASURES**4.1 General Information :**

4.2 Inhalation : Ensure fresh air if you feeling unwell.

4.3 Skin contact : Flush with copious water and soap. Use skin creme.

4.4 Eye contact : Flush with copious water for a east 10 minutes, with open eye. Call physician at once.

4.5 Ingestion : Call physician at once.

4.6 Note to physician : No specific antidot known. Treatment as per condition of patient.

5. FIRE-FIGHTING MEASURES**5.1 Specific fire or exposition hazards:**

Water, carbon dioxide, dry powder, foam, remove containers from fire area.

5.2 Protection of Firefighters:

Carry portable compressed air breathing apparatus respectively ambient-air independent respirator and always wear fire-resistant clothing

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions : Wear protection clothes

6.2 Environmental Precautions : Keep away from drains, surface water, ground water and soil.

6.3 Methods of cleaning up : Absorb with sand or other binding material

6.4 Additional information :

7. HANDLING AND STORAGE**7.1 Handling**

Use in well-ventilated areas. Keep containers closed when not in use.

7.2 Storage

Keep in well-ventilated areas away from heat or ignition source, this should be done in accordance with the applicable laws and regulations

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION**8.1 Engineering controls**

see to good ventilation, especially in closed spaces.

8.2 Exposure guidelines

8.2.1 CAS-No.

8.2.2 Additional information:

8.3 Personal protective equipment

8.3.1 General Protection:

8.3.2 Respiratory protect.: In case of irritation of respiratory system use admitted filtration unit

8.3.3 Hand protection: Solvent resistant gloves

8.3.4 Eye/Face protection: Wear safety glasses with side-shields

8.3.5 Skin protection: Long sleeved clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance: liquid

9.1.2 Colour: transparent

9.1.3 Odour : neutral

9.2 Methode (67/548/EWG)

9.2.1 Change of condition : 180 - 243 °C

9.2.2 Flash point : see 9.2.15 °C

9.2.3 Flammability : °C

9.2.4 Auto-ignition temp. :

9.2.8	Vapour pressure at 20,0 °C	: 0,09	hPa	9.2.14: not applicable
9.2.9	Density at 20,0 °C	: 0,955	g/cm ³	9.2.15:
9.2.10	Solution in water at 20,0 °C	: unlimited	mg/l	nonflammable substance like the
9.2.11	pH at 20 °C	: 10,9	at 400,0	g/l
9.2.12	LogP (n-octanol/water)	:	1g POW	Ordinance on Hazardous
9.2.13	Viscosity at 20,0 °C	: 18,0	mPas	Substances §4 (GefStoffV)

10. STABILITY AND REACTIVITY

- 10.1 **Chemical stability** :
 10.2 **Materials to avoid** : oxidants
 10.3 **Hazardous decomposition products:** not known

11. TOXICOLOGICAL INFORMATION

- 11.1 **Acute toxicity**
 11.1.1 Ingestion LD/LC50 : 30200 mg/ka rat oral
 11.1.2 Skin : non known
 11.1.3 Inhalation : low
 11.1.4 Sensibilisierung : none
 11.3 **Irritation Skin/ Eye** : no negative impact known
 11.4 **Addition information** : InVitro Mutagen tests showed negative results

12. ECOLOGICAL INFORMATION

- 12.1 **Degradation** : Elimination 60% 20 days - 91,2 - 28 days ASTM
 12.2 **Mobility and bioaccumulation potential** :

Aquatic toxicity : low

- 12.4 **Additional information**
 12.4.1 CSB (mg/g) : not defined
 12.4.2 BSB5 (mg/g) :
 12.4.3 AOX : free
 12.4.4 No heavy metal ingredients like the ECC-spezifikation no. 76/464 EWG

13. DISPOSAL CONSIDERATIONS

- 13.1 **Disposal** Local requirements and directives have to be obeyed.
 EAK 070604, 140303 (detergent solution)
 13.2 **Contaminated packaging**

14. TRANSPORT INFORMATION

- 14.1 **ADR/ RID and GGVS/GGVE**
 14.1.1 GGVS-Classification: / 14.1.2 UN-No.:
 14.1.3 Chemical name:
 14.2 **Transport/ additional information** no dangerous substance as per the above.

15. REGULATORY INFORMATION

- 15.1 **EEC Classification and User Label Information**
 15.1.1 Hazard Symbol : no dangerous substance as per GefStoffV
 15.1.2 Chemical name :
 15.1.3 Risk Phrases: Not applicable
 15.1.4 Safety Phrases: Not applicable
 15.1.5 Special classification like II 89/379/EEC non

16. NATIONALE INSTRUCTIONS (only for Germany)

- 16.1.1 Beschäftigungsbeschränkung : 16.1.2 VbF :
 16.1.3 Störfallverordnung : 16.1.4 TA-Luft :
 16.1.5 sonstige Vorschriften 16.1.6 Wassergefährdungsklasse :