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ContraFlux BC

kolb cleaning technology GmbH, Karl-Arnold-Str. 12, D-47877 Willich, Tel. +49 2154 947938

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

2.2.1 Description: Water based cleaner on the basis of alcalines, binding agents, waterbased solvents, corrosion protectors and silicone free antifoaming agents.

2.2.2 Components contributing to hazard	2.2.3 CAS-No.	2.2.4 Contents	Risk Phrases
Kaliumhydroxid	1310-58-3	< 0,5%C	R 22, 35, R20/21/22-37
2-Butoxyethanol	111-76-2	< 10%Xn	R 20/21/22,34
2-Aminoethanol	141-43-5	< 10% C	R 20/21/22-34

2.2.6 Additional information:

3. HAZARDS IDENTIFICATION

Special dangers for individuals and environment none known.

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

- 4.2 Inhalation** : Ensure fresh air supply.
4.3 Skin contact : Wash off with lot of water and soap
4.4 Eye contact : Rinse with lot of water for 10 minutes and consult an eye doctor
4.5 Ingestion : Do not induce vomiting and consult doctor
4.6 Note to physician : Light alkaline cleaner

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

Water, spray, foam, CO2, power.

5.2 Protection of Firefighters:

Wear mobile breathing aparatures

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions** :
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**

Only use and storing in original container.

7.2 Storage

No special storage necessary.

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

None special

8.2 Exposure guidelines Butylglykol, MAK: 100 mg/m³, 20ml/m³

- 8.2.1 CAS-No. 111-76-2
8.2.2 Additional information: No danger of hazard to unborn life

8.3 Personal protective equipment

- 8.3.1 General Protection: Do not inhale vapours and aerosol
8.3.2 Respiratory protect.:
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 : aminlike

9.2 Methode (67/548/EWG)

- 9.2.1 Change of condition : °C
9.2.2 Flash point : Not applicable °C
9.2.3 Flammability : °C
9.2.4 Auto-ignition temp. :

9.2.8	Vapour pressure at 20,0 °C	:	Not defined	hPa
9.2.9	Density at 20,0 °C	:	1,010	g/cm ³
9.2.10	Solution in water at 20,0 °C	:	unlimited	mg/l
9.2.11	pH at 20 °C	:	13,2 at 0,0	g/l
9.2.12	LogP (n-octanol/water)	:		1g POW
9.2.13	Viscosity at 20,0 °C	:	8,3	mPas

9.2.14: not applicable
 9.2.15:
 nonflammable substance like the
 Ordinance on Hazardous
 Substances §4 (GefStoffV)

10. STABILITY AND REACTIVITY

- 10.1 **Chemical stability** :
 10.2 **Materials to avoid** : strong acid
 10.3 **Hazardous decomposition products:** none known with defined use

11. TOXICOLOGICAL INFORMATION

- 11.1 **Acute toxicity**
 11.1.1 Ingestion LD/LC50 : Not determined
 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** : none

12. ECOLOGICAL INFORMATION

- 12.1 **Degradation** : Degree of elimination: > 90%. Easily biodegradable as per RVO german

- 12.2 **Mobility and bioaccumulation potential** :

Aquatic toxicity :

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.

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 : Xi-irritating
 15.1.2 Chemical name : Kaliumhydroxid/2-Aminoethanol

- 15.1.3 Risk Phrases: 36/37/38 irritates the eyes, the breathing apparatus and the skin

- 15.1.4 Safety Phrases: S36/37/39 When handling the product, wear suitable clothing, protective gloves and face protection. S45 in case of accident/not feeling well contact a doctor immediately (if available present this paper)

- 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 : not flammable
 16.1.3 Störfallverordnung :
 16.1.4 TA-Luft : Ziffer 3.17 not applicable
 16.1.5 sonstige Vorschriften none
 16.1.6 Wassergefährdungsklasse : 1 minor water