

1. IDENTIFICATION OF THE PRODUCT:

Identification	Bio Clean
Kind of product	Alkaline cleaner
Concentration in use	-
Distributed by	SWF nv Visserstraat 10B31 BE-1800 Vilvoorde Phone:+32 2 306 90 99 Fax:
Produced by	SWF nv Visserstraat 10B31 BE-1800 Vilvoorde Phone:+32 2 306 90 99 Fax:
Emergency phone	Phone: +32 70 245 245 - code:12.820.00
Replaces:	Date:/
Revision date:	Date:22/01/2003

2. COMPOSITION AND INFORMATION ABOUT THE DANGEROUS COMPONENTS:

Dangerous components	%	Symbol	R-Phrases	CAS-N°	EINECS No
2-butoxyethanol	0,5 - 2,4	Xn	20/21/22-36/38	111-76-2	203-905-0
Isopropanol	0,5 - 2,4	F, Xi	11-36-66-67	67-63-0	200-661-7
Sodiummetasilicate	0,5 - 2,4	C	34-37	6834-92-0-1	229-912-9

3. RISKS:

This is a harmless preparation. Normally no risks are to be expected, minor discomfort may occur.

4. FIRST AID MEASURES:

Always seek medical advice as soon as possible if symptoms occur/ persist.

Skin contact	rinse first with plenty of water, if necessary seek medical attention
Eye contact	rinse first with plenty of water and seek medical attention
Ingestion	rinse mouth with water and and seek medical attention
Inhalation	in case of serious or continous discomforts: remove to fresh air and seek medical attention

5. FIRE FIGHTING MEASURES :

Fire extinguishing agents	non flammable
Extinguishing agents to be avoided	none
Special preventive measures in case of fire	none

6.MEASURES IN CASE OF ACCIDENTAL RELEASE OF THE PRODUCT:

Preventive measures	keep in a sealed container, out of reach of children
Personal safety measures	no eating, drinking or smoking during work
Environmental measures	do not allow to flow into sewers or open water
Measures in case of leakage	dilute with water

7.HANDLING AND STORAGE:

Special preventive measures in handling and storing	keep in a sealed container in a closed, frost-free, ventilated room
Packing materials to be avoided	metals
Preventive measures	handle with care to avoid spillage

8. MEASURES TO CONTROL EXPOSURE/PERSONAL PROTECTION:

Inhalation protection	none
Skin protection	none
Eye protection	none
Other protection	none

Follows a list of the hazardous elements mentioned sub 2. of which the TLV value is known.

- 2-butoxyethanol 100 mg/m³
- Isopropanol 997 mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES:

Melting point/melting range °C	0
Boiling point/Boiling range, °C	78 - 360
pH	12,5
pH 1% diluted in water	/
Vapour pressure/20°C,Pa	4300
Relative density/20°C	1,027
Physical state/20°C	liquid
Flash point, °C	/
Ignition point,°C	230
Solubility in water	completely soluble
Odour	characteristic
Dynamic Viscosity, mPa.s/20°C	1
Kinematic Viscosity, mm ² /s/20°C	1

10. STABILITY AND REACTIVITY:

Dangerous reactions with	none
Circumstances to be avoided	none

11. TOXICOLOGICAL INFORMATION:

About the substance itself	not applicable under actual EEC guidelines for preparations
General information	see ingredients under section 2
Calculated acute toxicity, LD50 oral rat	1395 mg/kg

12. ENVIRONMENTAL INFORMATION:

About the substance itself	not applicable under actual EEC guidelines for preparations
General information	see ingredients under section 2
Biologocal degradability	the tensio-active substances used are over 90 % biodegradable according to OECD standards

13. INSTRUCTIONS FOR REMOVAL:

The product may be discharged in the indicated percentages of utilization, provided it is neutralised to pH 7.
Possible restrictive regulations by local authority should always be adhered to.

14. INFORMATION CONCERNING TRANSPORTATION:

Class & number	, /
Identification number of the hazard	/
Identification number of the substance	ADR not applicable, /
Labels	/

15. COMPULSORY LEGAL INFORMATION:

-	94/69/EEG	
Risk phrases	/	none
Safety phrases	/	none
Labels	None	
Contains	/	

16. ADDITIONAL INFORMATION:

Additional information	This Safety sheet meets the E.C. regulations (93/112/EC).
Risks connected to the preparation and its hazardous components	R11 Highly flammable. R20 Harmful by inhalation. R21 Harmful in contact with skin. R22 Harmful if swallowed. R34 Causes burns. R36 Irritating to eyes. R37 Irritating to respiratory system. R38 Irritating to skin. R66 Repeated exposure may cause skin dryness or cracking R67 Vapours may cause drowsiness and dizziness
Reason of revision : changes of following items	2, 8, 16
Important	<p>Recommended applications and restrictions: See technical product information card for detailed information.</p> <p><i>This safety information sheet has been compiled in accordance with the EEC guide lines. It has been compiled with the utmost care, we cannot, however, accept responsibility for damage, of any kind, that may be caused by using these data or the product concerned.</i></p>