



SAFETY DATA SHEET BIOCIDAL CLEANER

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	BIOCIDAL CLEANER
PRODUCT NO.	107
APPLICATION	Sanitiser and cleaner
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2 HAZARDS IDENTIFICATION

Irritating to eyes and skin.

CLASSIFICATION Xi;R36/38.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
2-BUTOXYETHANOL	203-905-0	111-76-2	< 1%	Xn;R20/21/22 Xi;R36/38
3-Lauramidopropyl trimethyl ammonium methyl sulfate	234-204-8	10595-49-0	< 1%	Xn;R22. Xi;R36. R43.
C9-11 ALCOHOL 6EO		68439-46-3	1-5%	Xn;R22. Xi;R41.
COCOBENZYL DIMETHYLAMMONIUM CHLORIDE	263-080-8	61789-71-7	< 1%	Xn;R21/22. C;R34. N;R50.
ETHANEDIOL	203-473-3	107-21-1	< 1%	Xn;R22
NITRILOTRIACETIC ACID TRISODIUM SALT	225-768-6	5064-31-3	5-10%	Xn;R22. Xi;R36.
SODIUM HYDROXIDE	215-185-5	1310-73-2	1-5%	C;R35

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

INGESTION

Remove victim immediately from source of exposure. Rinse mouth thoroughly. Drink plenty of water. Get medical attention if any discomfort continues.

SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Rinse the skin immediately with lots of water. Use suitable lotion to moisturise skin. Get medical attention if irritation persists after washing.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

BIOCIDAL CLEANER**5 FIRE-FIGHTING MEASURES****EXTINGUISHING MEDIA**

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

SPECIFIC HAZARDS

Oxides of: Carbon. Nitrogen.

6 ACCIDENTAL RELEASE MEASURES**PERSONAL PRECAUTIONS**

For personal protection, see section 8.

ENVIRONMENTAL PRECAUTIONS

Do not discharge onto the ground or into water courses. To prevent release, place container with damaged side up.

SPILL CLEAN UP METHODS

Wear necessary protective equipment. Stop leak if possible without risk. Wash thoroughly after dealing with a spillage. Absorb in vermiculite, dry sand or earth and place into containers. Flush area clean with lots of water. Be aware of potential for surfaces to become slippery. Flush to sewer if local regulations permit.

7 HANDLING AND STORAGE**USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

STORAGE CLASS

Chemical storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
2-BUTOXYETHANOL	WEL	25 ppm		50 ppm		Sk
ETHANEDIOL	WEL		10 mg/m ³		104 mg/m ³	Sk
SODIUM HYDROXIDE	WEL				2 mg/m ³	

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through skin.

PROTECTIVE EQUIPMENT**ENGINEERING MEASURES**

No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

HAND PROTECTION

Use protective gloves made of: Polyvinyl chloride (PVC). Rubber (natural, latex). The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact. Provide eyewash station.

BIOCIDAL CLEANER**HYGIENE MEASURES**

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Straw		
ODOUR	Mild		
SOLUBILITY	Soluble in water Miscible with water.		
BOILING POINT (°C)	ca 100	MELTING POINT (°C)	ca 0
RELATIVE DENSITY	1.066 (20°C)	pH-VALUE, CONC. SOLUTION	13

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid contact with acids. Reacts strongly with concentrated acids and chloro-hydrocarbons.

HAZARDOUS DECOMPOSITION PRODUCTS

Not known.

11 TOXICOLOGICAL INFORMATION**GENERAL INFORMATION**

This product has low toxicity. Only large volumes may have adverse impact on human health.

INHALATION

May cause irritation to the respiratory system.

INGESTION

Liquid irritates mucous membranes and may cause abdominal pain if swallowed.

SKIN CONTACT

Irritating to skin.

EYE CONTACT

Irritating to eyes.

HEALTH WARNINGS

SKIN CONTACT. Irritating to skin. EYE CONTACT. Irritating to eyes.

ROUTE OF ENTRY

Ingestion.

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

The product is not expected to be hazardous to the environment. The product is not expected to be hazardous to waste water treatment processes. The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

LC 50, 96 Hrs, FISH mg/l >100

EC 50, 48 Hrs, DAPHNIA, mg/l >100

DEGRADABILITY

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

WATER HAZARD CLASSIFICATION

WGK 2

13 DISPOSAL CONSIDERATIONS**GENERAL INFORMATION**

The packaging must be empty (drop-free, when inverted)

BIOCIDAL CLEANER

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. Recover and reclaim or recycle, if practical.

14 TRANSPORT INFORMATION

PROPER SHIPPING NAME	SODIUM HYDROXIDE SOLUTION		
UN NO. ROAD	1824	ADR CLASS NO.	8
ADR CLASS	Class 8: Corrosive substances.	ADR PACK GROUP	III
HAZCHEM CODE	2R	UN NO. SEA	1824
IMDG CLASS	8	IMDG PAGE NO.	87 (vol 2)
IMDG PACK GR.	III		

15 REGULATORY INFORMATION

LABELLING



Irritant

RISK PHRASES

R36/38 Irritating to eyes and skin.

SAFETY PHRASES

S23 Do not breathe vapour/spray.
 S24/25 Avoid contact with skin and eyes.
 S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S35 This material and its container must be disposed of in a safe way.
 S37 Wear suitable gloves.
 S51 Use only in well-ventilated areas.
 P14 Contains 3-Lauramidopropyl trimethyl ammonium methyl sulfate. May produce an allergic reaction.

DETERGENT LABELLING

5 - < 15% NTA (nitrilotriacetic acid) and salts thereof
 < 5% Non-ionic surfactants
 Contains COCOALKONIUM CHLORIDE

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

GUIDANCE NOTES

Workplace Exposure Limits EH40.

16 OTHER INFORMATION

GENERAL INFORMATION

This product has been manufactured under ISO 9001 and ISO 14001 Quality and Environmental Management Systems.

Only trained personnel should use this material.

REVISION DATE 14/05/2009

REV. NO./REPL. SDS GENERATED 3

BIOCIDAL CLEANER

RISK PHRASES IN FULL

R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R21/22	Harmful in contact with skin and if swallowed.
R22	Harmful if swallowed.
R34	Causes burns.
R35	Causes severe burns.
R36	Irritating to eyes.
R36/38	Irritating to eyes and skin.
R41	Risk of serious damage to eyes.
R43	May cause sensitisation by skin contact.
R50	Very toxic to aquatic organisms.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.