



## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Tradename: Xeramic Total Bike Cleaner, Art.nr. 20422, 20500, 20501, 20502, 20503

### Chemical characterization

This product is a mixture of synthetic soaps and auxillary components in water.

### Product application

Cleaning/washing detergent

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## 2. HAZARDS IDENTIFICATION

### Eye

This product may be irritating to the eyes.

### Skin

Frequent or continuous skin contact causes irritation.

### Ingestion

Stomach ache, diarrhoea

### R-phrases

## 3. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Component	%Wt	Symbols	CAS	EINECS	R-phrases
Mix with Quarternaire Fattamin ethoxylat	1-10	Xi	Blend		R38,R41
Nitrilo-aceticacid, Na(3)-salt	1-10	Xi	5064-31-3	225 -768-6	R36/38

## 4. FIRST AID MEASURES

### Eye contact

Flushing for 15 minutes until irritation subsides.

If irritation persists, seek medical attention.

### Skin contact

Wash contaminated area thoroughly with soap and water. Remove impregnated clothing.

### Ingestion

Do not induce vomiting due to aspiration hazards. Seek medical advice.

## 5. FIRE FIGHTING MEASURES

### Decomposition product(s)

Carbonoxide (COx), nitrogen oxide (NOx), water (H2O).

### Decomposition product(s)

During a fire, hazardous smoke may be produced (COx, NOx).

## 6. ACCIDENTAL RELEASE MEASURES

### Personel protective measures

Always wash hands and face with soap and water before eating, drinking, or smoking.

### Environmental measures

Do not allow to escape into water sewage system or water courses.

### Disposal/cleaning measures

Danger of slipping; take up immediately.

Collect as much as possible in clean containers and dispose according the rules.

Flush remainder with water.



## 7. HANDLING AND STORAGE

Store in accordance with local/national regulations.  
Avoid freezing.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Eye protection

Eye protection is not required under conditions of normal use.

### Skin and body protection

Skin protection is not required under conditions of normal use.

### Threshold Limit Value (TLV)

OES: 375 mg/m<sup>3</sup>



## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Colour	Light red
Odour	Pleasant
Meltingpoint (°C)	< 0
Boilingpoint (°C)	> 100
Flashpoint (°C)	-
Auto ignition temperature (°C)	-
Vapour pressure 20°C (hPa)	-
Density 20°C	1,00
pH 100%	10
Viscosity at 20°C (mPas)	200
Conductivity at 20°C (æS)	-
Evaporation rate (n-butylac.=1)	-
Explosion limits (% Vol.)	-
n-Octanol/Water (P log)	< 3
Solubility in water	Soluble in water.
Solubility in .....	

## 10. STABILITY AND REACTIVITY

### Conditions to avoid

There is no risk of dangerous reactions at normal use.

## 11. TOXICOLOGICAL INFORMATION

Toxicity (Oral/Dermal) LD50 > 2000 mg/kg

## 12. ECOLOGICAL INFORMATION

Primary degradation > 90%. Complies with the EEC directive 73/404/EEC on biodegradation for surfactants.

The surfactant(s) contained in this product 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

## 13. DISPOSAL CONSIDERATIONS

All disposals must comply with federal, state, and local regulations.

## 14. TRANSPORT INFORMATION

# Material Safety Data Sheet

Complies with EEC directive 1907/2006/EC, Article 31



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Transport (Land) ADR/RID	-
Description goods	
Transport (Ship -> Channels) ADN/ADNR	-
Transport (Ship -> Sea) IMDG/GGVE	-
Transport (Ship -> Sea) UN No.	-
Transport (Ship -> Sea) Packaging group	-
Transport (Ship -> Sea) EMS No.	-
Transport (Ship -> Sea) MFAG No.	-
Transport (Ship -> Sea) Marine pollutant	N
Transport (Air) IATA-DRG/ICAO-TI	-
Transport (Air) Packaging group	-

## 15. REGULATORY INFORMATION

### Symbols

#### R- en S-phrases

S02 Keep out of the reach of children.

## 16. OTHER INFORMATION

VOC g/l	13
Versie	0
This MSDS sheet is created on date	09-05-2003
Last revision on date	06-07-2007
This MSDS sheet was printed on date	19-09-2008
Composed by	

Product code 908

### Explanation to R-phrases in section 3

R36/38	Irritating to eyes and skin.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties. It is in the users responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.