



## SAFETY DATA SHEET CONCENTRATED TOILET FLUID

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

PRODUCT NAME                    CONCENTRATED TOILET FLUID

PRODUCT NO.                    090

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### 2 HAZARDS IDENTIFICATION

Harmful if swallowed. Causes burns.

CLASSIFICATION                Xn;R22. C;R34.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
BENZAİKONIUM CHLORIDE		68989-00-4	60-100%	Xn;R22. C;R34.
BENZALDEHYDE	202-860-4	100-52-7	1-5%	Xn;R22
PENTYL ACETATE	211-047-3	628-63-7	1-5%	R10 R66

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. Keep the affected person warm and at rest. Get prompt medical attention.

#### INGESTION

Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Get medical attention immediately!

#### SKIN CONTACT

Wash the skin immediately with soap and water. Immediately remove contaminated clothing. Get medical attention if irritation persists after washing.

#### EYE CONTACT

May cause permanent damage if eye is not immediately irrigated. Make sure to remove any contact lenses from the eyes before rinsing. Immediately rinse with water. Continue to rinse for at least 15 minutes and get medical attention.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Use: Foam. Dry chemicals, sand, dolomite etc. Water spray. DO NOT use water if avoidable.

#### SPECIFIC HAZARDS

Fire or high temperatures may form very toxic vapours. Ammonia or amines. Chlorine. Oxides of: Carbon. Nitrogen.

**CONCENTRATED TOILET FLUID****PROTECTIVE MEASURES IN FIRE**

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

**6 ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS**

In case of spills, beware of slippery floors and surfaces. For personal protection, see section 8.

**ENVIRONMENTAL PRECAUTIONS**

Do not discharge onto the ground or into water courses. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

**SPILL CLEAN UP METHODS**

Stop leak if possible without risk. DO NOT touch spilled material! Absorb in vermiculite, dry sand or earth and place into containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. For waste disposal, see section 13.

**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. Protect from freezing and direct sunlight.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
PENTYL ACETATE	WEL	50 ppm	270 mg/m3	100 ppm	541 mg/m3	

WEL = Workplace Exposure Limit.

**INGREDIENT COMMENTS**

WEL = Workplace Exposure Limits

**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: Rubber (natural, latex). Polyvinyl chloride (PVC). 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 safety goggles.

**OTHER PROTECTION**

Provide eyewash station.

**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	MELTING POINT (°C)	0
COLOUR	Purple Blue		
ODOUR	Almond. Fruity.		
SOLUBILITY	Soluble in water		
BOILING POINT (°C)	100		

**CONCENTRATED TOILET FLUID**

RELATIVE DENSITY 0.925 - 1.025 @ 20 °c pH-VALUE, DILUTED SOLUTION 7.5 - 8.5 @ 1 %

**10 STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions.

**CONDITIONS TO AVOID**

Avoid exposing to heat and contact with strong oxidising substances. Avoid frost.

**MATERIALS TO AVOID**

Acids, oxidising. Strong alkalis.

**HAZARDOUS DECOMPOSITION PRODUCTS**By fire, toxic gases (CO, CO<sub>2</sub>, NO<sub>x</sub>) may be formed.**11 TOXICOLOGICAL INFORMATION**

TOXIC DOSE 1 - LD 50 7400 mg/kg (oral rat)

**INHALATION**

No specific health warnings noted.

**INGESTION**

Harmful if swallowed.

**SKIN CONTACT**

Causes burns.

**EYE CONTACT**

Causes burns.

**HEALTH WARNINGS**

This chemical may cause skin/eye irritation and burns (corrosive). This substance is corrosive. May cause burns in mucous membranes, throat, oesophagus and stomach.

**ROUTE OF ENTRY**

Ingestion. Skin and/or eye contact.

**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

Dangerous for the environment if discharged into watercourses.

**DEGRADABILITY**

The product is expected to be biodegradable.

**13 DISPOSAL CONSIDERATIONS****GENERAL INFORMATION**

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

**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	CORROSIVE LIQUID, N.O.S. (Benzalkonium Chloride)		
UN NO. ROAD	1760	ADR CLASS NO.	8
ADR CLASS	Class 8: Corrosive substances.	ADR PACK GROUP	II
UN NO. SEA	1760	IMDG CLASS	8

**CONCENTRATED TOILET FLUID**

IMDG PAGE NO.

82 (vol 2)

IMDG PACK GR.

II

**15 REGULATORY INFORMATION**

## LABELLING



Corrosive



Harmful

## CONTAINS

BENZAICONIUM CHLORIDE

## RISK PHRASES

R22 Harmful if swallowed.  
R34 Causes burns.

## SAFETY PHRASES

S13 Keep away from food, drink and animal feeding stuffs.  
S20 When using do not eat or drink.  
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.  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).  
S46 If swallowed, seek medical advice immediately and show this container or label.

## STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

## GUIDANCE NOTES

Workplace Exposure Limits EH40.

**16 OTHER INFORMATION**

## GENERAL INFORMATION

Only trained personnel should use this material.

REVISION DATE 04/09/2008

REV. NO./REPL. SDS GENERATED 3

## RISK PHRASES IN FULL

R10 Flammable.  
R22 Harmful if swallowed.  
R34 Causes burns.  
R66 Repeated exposure may cause skin dryness or cracking.

## 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.