



## 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 by inhalation and in contact with skin. Causes burns. Very toxic to aquatic organisms.

CLASSIFICATION (1999/45) Xn;R20/21. C;R34. N;R50.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
C12-C14 Alkydimethylbenzylammonium chloride.	269-919-4	68391-01-5	60-100%	Xn;R20/21. C;R34. N;R50.

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

When heated and in case of fire, very toxic vapours/gases may be formed. Ammonia or amines. Chlorine. Oxides of: Carbon. Nitrogen.

##### PROTECTIVE MEASURES IN FIRE

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

#### 6 ACCIDENTAL RELEASE MEASURES

## Concentrated Toilet Fluid

### 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

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

In case of fire, toxic gases (CO, CO<sub>2</sub>, NO<sub>x</sub>) may be formed.

## 11 TOXICOLOGICAL INFORMATION

**Concentrated Toilet Fluid**

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.

Name C12-C14 Alkydimethylbenzylammonium chloride.

**Mobility**

The product is soluble in water.

**Degradability**

The product is 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**

UK ROAD CLASS	8		
PROPER SHIPPING NAME	CORROSIVE LIQUID, N.O.S. (BENZAICONIUM CHLORIDE)		
UN NO. ROAD	1760	UK ROAD PACK GR.	III
ADR CLASS NO.	8	ADR CLASS	Class 8: Corrosive substances.
ADR PACK GROUP	III	TUNNEL RESTRICTION CODE	(E)
HAZARD No. (ADR)	80	ADR LABEL NO.	8
HAZCHEM CODE	2X	CEFIC TEC(R) NO.	80GC9-II+III
RID CLASS NO.	8	RID PACK GROUP	III
UN NO. SEA	1760	IMDG CLASS	8
IMDG PAGE NO.	82 (vol 2)	IMDG PACK GR.	III
EMS	F-A, S-B	MARINE POLLUTANT	No.
IMDG CODE SEGREGATION GROUP	18. Alkalis	UN NO. AIR	1760
AIR CLASS	8	AIR PACK GR.	III

**15 REGULATORY INFORMATION**

**Concentrated Toilet Fluid**

## LABELLING



Corrosive



Dangerous for the environment

## CONTAINS

C12-C14 Alkydimethylbenzylammonium chloride.

## RISK PHRASES

R20/21 Harmful by inhalation and in contact with skin.  
 R34 Causes burns.  
 R50 Very toxic to aquatic organisms.

## SAFETY PHRASES

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).  
 S61 Avoid release to the environment. Refer to special instructions/safety data sheets.

## DETERGENT LABELLING

>= 30% Disinfectants

## EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

## STATUTORY INSTRUMENTS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

## NATIONAL REGULATIONS

Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.

**16 OTHER INFORMATION**

## GENERAL INFORMATION

Only trained personnel should use this material.

## REVISION COMMENTS

NOTE: Lines within the margin indicate significant changes from the previous revision.

REVISION DATE 21/09/2010

REV. NO./REPL. SDS GENERATED 5

## RISK PHRASES IN FULL

R20/21 Harmful by inhalation and in contact with skin.  
 R34 Causes burns.  
 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.