



SAFETY DATA SHEET

Concentrated Toilet Fluid

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name Concentrated Toilet Fluid
Product number 90-3

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Cleaning agent.
Uses advised against For professional use only. This product is not recommended for any industrial, professional or consumer use other than the Identified uses above.

1.3. Details of the supplier of the safety data sheet

Supplier Autosmart International Ltd
Lynn Lane,
Shenstone, nr Lichfield
Staffordshire. WS14 0DH
England
www.autosmartinternational.com
Tel: +44 (0) 1543 481616 (09:00 - 17:00)
Fax: +44 (0) 1543 481549 (09:00 - 17:00)
info@autosmartinternational.com

Contact person Mr. Russell Butler

Manufacturer

1.4. Emergency telephone number

Emergency telephone Mob: +44 (0) 7808 971321 (24hrs)
Tel: +44 (0) 1543 481616 (09:00 - 17:00)
Fax: +44 (0) 1543 481549 (09:00 - 17:00)

If you urgently need medical help or advice but it's not a life-threatening situation, call 111 free from any phone to speak to an NHS adviser. The 24-hour NHS 111 service can give you healthcare advice or direct you to the local service that can help you best.

The NHS 111 service will also be available via the harmonised European number for medical advice 116 117

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards

Not Classified

Health hazards

Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Corr. 1B - H314

Environmental hazards

Aquatic Acute 1 - H400

Classification (67/548/EEC or 1999/45/EC)

Xn;R20/21. C;R34. N;R50.

Environmental

The product contains a substance which is toxic to aquatic organisms.

2.2. Label elements

Pictogram

Concentrated Toilet Fluid**Signal word**

Danger

Hazard statements

H312 Harmful in contact with skin.
 H314 Causes severe skin burns and eye damage.
 H400 Very toxic to aquatic life.

Precautionary statements

P260 Do not breathe vapour/spray.
 P273 Avoid release to the environment.
 P280 Wear protective clothing, gloves, eye and face protection.
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.

Supplemental label information

BPR001 Use biocides safely. Always read the label and product information before use.

Contains

C12-C14 Alkydimethylbenzylammonium chloride.

Detergent labelling

≥ 30% disinfectants

Supplementary precautionary statements

P264 Wash contaminated skin thoroughly after handling.
 P271 Use only outdoors or in a well-ventilated area.
 P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P310 Immediately call a POISON CENTER/doctor.
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P391 Collect spillage.
 P501 Dispose of contents/container in accordance with national regulations.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients**3.2. Mixtures**

C12-C14 Alkydimethylbenzylammonium chloride.	60-100%
CAS number: 68391-01-5 EC number: 269-919-4 M factor (Acute) = 1	
Classification Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Corr. 1B - H314 Aquatic Acute 1 - H400	Classification (67/548/EEC or 1999/45/EC) Xn;R20/21. C;R34. N;R50.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation**

Move affected person to fresh air at once. Keep affected person warm and at rest. Get medical attention immediately.

Ingestion

Rinse mouth thoroughly with water. Give plenty of water to drink. Give milk instead of water if readily available. Never give anything by mouth to an unconscious person. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention immediately.

Skin contact

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Wash skin thoroughly 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. Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

General information

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation

No specific symptoms known.

Ingestion

May cause chemical burns in mouth and throat.

Skin contact

May cause serious chemical burns to the skin.

Eye contact

Severe irritation, burning and tearing.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor

No specific recommendations. If in doubt, get medical attention promptly.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Extinguish with the following media: Foam. Dry chemicals, sand, dolomite etc. Water spray. Do not use water, if avoidable.

5.2. Special hazards arising from the substance or mixture

Specific hazards

Very toxic gases or vapours. Ammonia or amines. Chlorine. Oxides of the following substances: Carbon. Nitrogen. No unusual fire or explosion hazards noted.

Hazardous combustion products

Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting

Control run-off water by containing and keeping it out of sewers and watercourses.

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

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

6.2. Environmental precautions

Environmental precautions

Do not discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. To prevent release, place container with damaged side up.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

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.

6.4. Reference to other sections

Reference to other sections

For personal protection, see Section 8.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Avoid spilling. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Protect from freezing and direct sunlight.

Storage class

Corrosive storage.

7.3. Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Ingredient comments

No exposure limits known for ingredient(s).

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

No specific ventilation requirements. This product must not be handled in a confined space without adequate ventilation.

Eye/face protection

The following protection should be worn: Chemical splash goggles.

Hand protection

Wear protective gloves made of the following material: Rubber (natural, latex). Polyvinyl chloride (PVC). The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

Other skin and body protection

Provide eyewash station.

Hygiene measures

Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

Respiratory protection

No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Liquid.

Colour

Purple. Blue.

Odour

Almond. Fruity.

Odour threshold

Not available. Not available.

pH

pH (concentrated solution): 7.5 - 8.5 pH (diluted solution): 7.5 - 8.5 @ 1 %

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Melting point

0°C

Initial boiling point and range

100°C @ 760 mm Hg

Flash point

Not applicable.

Evaporation rate

Not available.

Upper/lower flammability or explosive limits

Not applicable. : :

Vapour pressure

Not applicable.

Vapour density

Not applicable.

Relative density

0.925 - 1.025 @ @ 20°C

Solubility(ies)

Soluble in water.

Partition coefficient

Not available.

Auto-ignition temperature

Not applicable.

Decomposition Temperature

Not available.

Viscosity

Not determined.

Oxidising properties

Not applicable.

Comments

Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.

9.2. Other information**Volatile organic compound**

This product contains a maximum VOC content of 0 g/litre.

SECTION 10: Stability and reactivity

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability**Stability**

Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Not applicable. Will not polymerise.

10.4. Conditions to avoid

Avoid heat. Avoid contact with the following materials: Strong oxidising agents. Avoid freezing.

10.5. Incompatible materials**Materials to avoid**

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon. Oxides of nitrogen.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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Acute toxicity - dermal

ATE dermal (mg/kg)

1222.22222222

Acute toxicity - inhalation

ATE inhalation (dusts/mists mg/l)

1.66666667

Skin corrosion/irritation

Extreme pH

Moderate pH (> 2 and < 11.5). Classification based on Conventional Method, and In Vitro Approaches - Corrosive or Irritant by measuring pH and Acid/Alkali Reserve. Corrosive

Inhalation

No specific health hazards known.

Ingestion

Harmful if swallowed.

Skin contact

Causes burns.

Eye contact

Causes burns.

Acute and chronic health hazards

This product is corrosive. This product may cause skin and eye irritation. Prolonged contact may cause burns. This product is corrosive. May cause burns in mucous membranes, throat, oesophagus and stomach.

Route of entry

Ingestion. Skin and/or eye contact

Medical symptoms

No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.

SECTION 12: Ecological Information

Ecotoxicity

Dangerous for the environment if discharged into watercourses.

12.1. Toxicity

Acute toxicity - fish

Not determined.

Acute toxicity - aquatic invertebrates

Not determined.

Acute toxicity - aquatic plants

Not determined.

Acute toxicity - microorganisms

Not determined.

Acute toxicity - terrestrial

Not determined.

Ecological information on ingredients.

C12-C14 Alkydimethylbenzylammonium chloride.

Acute aquatic toxicity

LE(C)

$0.1 < L(E)C50 \leq 1$

M factor (Acute)

1

12.2. Persistence and degradability

Persistence and degradability

The product is expected to be biodegradable.

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Ecological information on ingredients.

C12-C14 Alkydimethylbenzylammonium chloride.

Persistence and degradability

The product is biodegradable.

12.3. Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating.

Partition coefficient

Not available.

Ecological information on ingredients.

C12-C14 Alkydimethylbenzylammonium chloride.

The product does not contain any substances expected to be bioaccumulating.

12.4. Mobility in soil

Mobility

The product is soluble in water.

Ecological information on ingredients.

C12-C14 Alkydimethylbenzylammonium chloride.

Mobility

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Not applicable.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information

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

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
Packaging: Reuse or recycle products wherever possible.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1760

UN No. (IMDG) 1760

UN No. (ICAO) 1760

14.2. UN proper shipping name

Proper shipping name (ADR/RID) CORROSIVE LIQUID, N.O.S. (BENZAIONUM CHLORIDE)

Proper shipping name (IMDG) CORROSIVE LIQUID, N.O.S. (BENZAIONUM CHLORIDE)

Proper shipping name (ICAO) CORROSIVE LIQUID, N.O.S. (BENZAIONUM CHLORIDE)

Proper shipping name (ADN) CORROSIVE LIQUID, N.O.S. (BENZAIONUM CHLORIDE)

14.3. Transport hazard class(es)

ADR/RID class 8

ADR/RID subsidiary risk

ADR/RID label 8

IMDG class 8

IMDG subsidiary risk

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ICAO class/division 8
ICAO subsidiary risk
Transport labels



14.4. Packing group

ADR/RID packing group III
IMDG packing group III
ICAO packing group III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



Yes.

14.6. Special precautions for user

IMDG Code segregation group 18. Alkalis
EmS F-A, S-B
Emergency Action Code 2X
Hazard Identification Number (ADR/RID) 80
Tunnel restriction code (E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

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.

EU legislation

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) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Water hazard classification

WGK 2

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 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.

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Revision date	16/02/2015
Revision	1
Supersedes date	15/05/2013
SDS number	10192
Risk phrases in full	R20/21 Harmful by inhalation and in contact with skin. R34 Causes burns. R50 Very toxic to aquatic organisms.
Hazard statements in full	H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H332 Harmful if inhaled. H400 Very toxic to aquatic life.

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.