



MATERIAL SAFETY DATA SHEET
Toilet Fluid

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Name Toilet Fluid
Proper Shipping Name CORROSIVE LIQUID, N.O.S. (C12-C14 Alkydimethylbenzylammonium chloride.)

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

Application: Disinfectant.
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 Australia
11 Darrambal Close
Rathmines
NSW 2283
Australia
www.autosmartinternational.com
Tel: 02 49 75 14 88 (Mon to Fri, 08:00 - 16:00 AEST) (General Information. Transport Information. Mild Medical Information)
autosmart@autosmartaustralia.com.au
Contact Person Mr. Russell Butler

1.4. Emergency telephone number

Emergency No: +44 7808 971321 (24hrs) (Autosmart International, UK)
General Information. Transport Information. Mild medical Information:-
Tel: 02 49 75 14 88 (Mon to Fri, 08:00 - 16:00 AEST)

SECTION 2: HAZARDS IDENTIFICATION

Risk Phrases

R34 Causes burns.

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).

2.1. Classification of the substance or mixture

2.2. Label elements

Contains C12-C14 Alkydimethylbenzylammonium chloride.

Detergent Labelling: 15 - < 30% disinfectants

Labelling



Corrosive

Risk Phrases

R34 Causes burns.

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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).

2.3. Other hazards

This product does not contain any PBT or vPvB Substances.

Statement Of Hazardous Nature

HAZARDOUS SUBSTANCE (According to criteria of NOHSC). DANGEROUS GOODS (According to ADG Code).

ADR Class	Class 8: Corrosive substances.
ADR Pack Group	III
UN No. Road	1760
Emergency Action Code	2X

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

C12-C14 Alkydimethylbenzylammonium chloride.	20-30%
CAS-No.: 68391-01-5	EC No.: 269-919-4
Classification (EC 1272/2008)	Classification (67/548)
Acute Tox. 4 - H312	Xn;R20/21.
Acute Tox. 4 - H332	C;R34.
Skin Corr. 1B - H314	N;R50.
Aquatic Acute 1 - H400	

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

SECTION 4: FIRST AID MEASURES

Susdp First Aid Instructions

For advice, contact a Poisons Information Centre (Phone 13 1126) or a doctor at once.

If swallowed, do NOT induce vomiting.

If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

4.1. Description of 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.

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

General information

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

Inhalation

No specific symptoms noted.

Ingestion

May cause chemical burns in mouth and throat.

Skin contact

May cause serious chemical burns to the skin.

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Eye contact

Extreme irritation of eyes and mucous membranes, including burning and tearing.

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

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

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

5.2. Special hazards arising from the substance or mixture

Hazardous Combustion Products

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

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

Specific hazards

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

5.3. Advice for firefighters

Special Fire Fighting Procedures

Keep run-off water out of sewers and water sources. Dike for water control.

Protective equipment for fire-fighters

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

Emergency Action Code 2X

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

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

6.2. 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. To prevent release, place container with damaged side up.

6.3. Methods and material for containment and 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

For personal protection, see section 8.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid spilling, skin and eye contact.

7.2. Conditions for safe storage, including any incompatibilities

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)

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

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Ingredient Comments

No exposure limits noted for ingredient(s).

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8.2. Exposure controls

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 may still be required under exceptional circumstances when excessive air contamination exists.

Hand protection

Use protective gloves made of: Rubber (natural, latex). Use thin cotton gloves inside the rubber gloves if allergy risk. Polyvinyl chloride (PVC). Nitrile gloves are recommended. Be aware that the liquid may penetrate the gloves. Frequent change is advisable. 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

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 wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Purple. Blue.
Odour	Almond. Fruity.
Solubility	Soluble in water.
Boiling Point (°C)	~ 100 @ 760 mm Hg
Melting point (°C)	~ 0
Relative density	~ 1.000 @ 20 °c
Vapour density (air=1)	Not applicable.
Vapour pressure	Not applicable.
Evaporation rate	Not available.
pH-Value, Conc. Solution	7.5 - 8.5
pH-Value, Diluted Solution	7.5 - 8.5 @ 1 %
Viscosity	Not determined.
Decomposition temperature (°C)	Not available.
Odour Threshold, Lower	Not available.
Odour Threshold, Upper	Not available.
Flash point (°C)	Not applicable.
Auto Ignition Temperature (°C)	Not applicable.
Flammability Limit - Lower(%)	Not applicable.
Flammability Limit - Upper(%)	Not applicable.

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Partition Coefficient (N-Octanol/Water)

Not available.

Oxidising properties

Not applicable.

Other Information

Information declared as "Not available" or "Not applicable" is not considered to be justified for enabling proper control measures to be taken.

9.2. Other information

Volatile Organic Compound (VOC) 0 g/litre

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No specific reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions

Not applicable.

Hazardous Polymerisation

Will not polymerise.

10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time. Avoid frost.

10.5. Incompatible materials

Materials To Avoid

No specific, or groups of materials are likely to react to produce a hazardous situation.

10.6. Hazardous decomposition products

In case of fire, toxic gases (CO, CO₂, NO_x) may be formed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

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 warnings noted.

Ingestion

Harmful if swallowed.

Skin contact

Causes burns.

Eye contact

Causes burns.

Health Warnings

This substance is corrosive. This chemical may cause skin/eye irritation and burns (corrosive). May cause burns in mucous membranes, throat, oesophagus and stomach. No specific acute or chronic health impact noted, but this chemical may still have adverse impact on human health, either in general or on certain individuals with pre-existing or latent health problems.

Route of entry

Ingestion. Skin and/or eye contact.

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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

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

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.

12.2. Persistence and degradability

Degradability

The product is expected to be biodegradable.

Ecological Information on Ingredients:

C12-C14 Alkydimethylbenzylammonium chloride. (CAS: 68391-01-5)

Degradability

The product is biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential

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

Partition coefficient

Not available.

12.4. Mobility in soil

Mobility:

The product is soluble in water.

Ecological Information on Ingredients:

C12-C14 Alkydimethylbenzylammonium chloride. (CAS: 68391-01-5)

Mobility:

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB Substances.

12.6. Other adverse effects

Not applicable.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

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

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Small amounts may be flushed with water to sewer. Larger volumes must be sent to approved plant for destruction. Packaging: Recover and reclaim or recycle, if practical.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

Toilet Fluid

UN No. Road	1760
UN No. Sea	1760
UN No., Air	1760

14.2. UN proper shipping name

Proper Shipping Name CORROSIVE LIQUID, N.O.S. (C12-C14 Alkydimethylbenzylammonium chloride.)

14.3. Transport hazard class(es)

ADR Class No.	8
ADR Class	Class 8: Corrosive substances.
ADR Label No.	8
IMDG Class	8
ICAO Class	8

Transport Labels**14.4. Packing group**

ADR Pack Group	III
IMDG Pack Gr.	III
Air Pack Gr.	III

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

14.6. Special precautions for user

EMS	F-A, S-B
Emergency Action Code	2X
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

Poisons Schedule Number Allocated Poison Schedule Number - 6

National Regulations And References

The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP). National Code of Practice for the Preparation of Material Safety Data Sheets. Approved Criteria for Classifying Hazardous Substances. Exposure Standards for Atmospheric Contaminants in the Occupational Environment. Guidance Note on the Interpretation of Exposure Standards for Atmospheric Contaminants in the Occupational Environment. National Code of Practice for the Labelling of Workplace Substances. National Model Regulations for the Control of Workplace Hazardous Substances. National Code of Practice for the Control of Workplace Hazardous Substances. National Standard for the Storage and Handling of Workplace Dangerous Goods. National Code of Practice for the Storage and Handling of Workplace Dangerous Goods. Guidance Note for Placarding Stores for Dangerous Goods and Specified Hazardous Substances. Guidance Note for the Assessment of Health Risks Arising from Hazardous Substances in the Workplace. National Standard for the Control of Major Hazard Facilities. National Code of Practice for the Control of Major Hazard Facilities.

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

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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), 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. 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

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.

Issued By	Prepared by Autosmart International Ltd, Lynn Lane, Shenstone, Lichfield, Staffordshire, WS14 0DH, Great Britain. www.autosmartinternational.com rbutler@autosmart.co.uk Tel +44 (0)1543 481616
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Revision	2
Supersedes date	15/02/2013
Safety Data Sheet Status	Approved.

Risk Phrases In Full

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