

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING1.1. Product identifier

Product name **H2 CONC TOILET CLEANER 2X2L**
Product No. **575021**

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

Identified uses

1.3. Details of the supplier of the safety data sheet

Selden Research Limited t : 01298 26226
Staden Lane
Ashbourne Road f : 01298 26540
Buxton
Derbyshire e : safety@selden.co.uk
SK17 9RZ
United Kingdom

1.4. Emergency telephone number

01298 26226

SECTION 2: HAZARDS IDENTIFICATION2.1. Classification of the substance or mixture

Classification (67/548/EEC) C;R34.

2.2. Label elements

Contains Tallowtrimethylammonium chloride
Detergent Labelling: Contains Linalool
< 5% perfumes
5 - < 15% anionic surfactants

Labelling



Corrosive (C)

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).
S1/2 Keep locked up and out of the reach of children.
S28 After contact with skin, wash immediately with plenty of water.

2.3. Other hazards

No other hazards known

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS3.1. Substances

Not Applicable

3.2. Mixtures

ANIONIC SURFACTANT		5-10%
CAS-No.:	EEC (EINECS) No.	
Classification (EC 1272/2008)		Classification (67/548/EEC)
Eye irritation, category 2 - H319		Xi;R36/37/38
STOT***, single exposure, category 3 - Respiratory track irritation - H335		
Skin irritation, category 2 - H315		
Citric Acid		5-10%
CAS-No.: 77-92-9	EEC (EINECS) No.	
Classification (EC 1272/2008)		Classification (67/548/EEC)
Eye irritation, category 2 - H319		Xi;R36/38
Skin irritation, category 2 - H315		
PROPAN-2-OL		5-10%
CAS-No.: 67-63-0	EEC (EINECS) No. 200-661-7	
Classification (EC 1272/2008)		Classification (67/548/EEC)
Flammable liquids, category 2 - H225		F;R11
Eye irritation, category 2 - H319		Xi;R36
STOT***, single exposure, category 3 - Narcotic effects - H336		R67
Tallowtrimethylammonium chloride		10-30%
CAS-No.: 8030-78-2	EEC (EINECS) No. 232-447-4	
Classification (EC 1272/2008)		Classification (67/548/EEC)
Acute toxicity, category 4 - Oral - H302		Xn;R22
Skin corrosion, categories 1A, 1B, 1C - H314		C;R34
Hazardous to the aquatic environment, acute, category 1 - H400		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

General information

Inhalation	Remove victim immediately from source of exposure., Provide rest, warmth and fresh air., Get medical attention if any discomfort continues.
Ingestion	Rinse mouth thoroughly., Drink plenty of water., DO NOT INDUCE VOMITING!, Get medical attention immediately!
Skin contact	Immediately remove contaminated clothing., Rinse immediately with plenty of water., Continue to rinse for at least 15 minutes., Get medical attention if any discomfort continues.
Eye contact	Promptly wash eyes with plenty of water while lifting the eye lids., Continue to rinse for at least 15 minutes and get medical attention.

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

Inhalation	May cause damage to mucous membranes in nose, throat, lungs and bronchial system.
Ingestion	Causes burns., Harmful if swallowed.
Skin contact	Causes burns.
Eye contact	Causes burns., Risk of serious damage to eyes.

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

Treat Symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media	The product is non-combustible., Use fire-extinguishing media appropriate for surrounding materials.
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5.2. Special hazards arising from the substance or mixture

Unsuitable extinguishing media

5.3. Advice for firefighters

Special Fire Fighting Procedures	Self contained breathing apparatus and full protective clothing must be worn in case of fire. Use special protective clothing. Regular protection may not be safe.
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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For personal protection, see section 8.

6.2. Environmental precautions

6.3. Methods and material for containment and cleaning up

Wear necessary protective equipment., Absorb in vermiculite, dry sand or earth and place into containers., Collect spillage in containers, seal securely and deliver for disposal according to local regulations., Inform Authorities if large amounts are involved.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

7.2. Conditions for safe storage, including any incompatibilities

Store separated from:., Alkalis., Bleach/Sodium hypochlorite solutions.

7.3. Specific end use(s)

See product label for detailed usage and instructions.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Not applicable

8.2. Exposure controls

Protective equipment



Hand protection

Use protective gloves.

Eye protection

Wear goggles/face shield.

Other Protection

Wear suitable protective clothing as protection against splashing or contamination.

Hygiene measures

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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Clear liquid.
Colour	Dark., Blue.
Odour	Fresh bouquet fragrance
Relative density	1.018 - 1.028@20°C
pH-Value, Conc. Solution	1.0 - 2.0
Flash point (°C)	N/A

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Stable under normal temperature conditions.

10.2. Chemical stability

Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions

None known

10.4. Conditions to avoid

Will react violently with: , Strong alkalis. , Earth metals such as sodium, potassium and barium. , Reacts with bleach/sodium hypochlorite solutions producing toxic chlorine gas.

10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

None known

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information	No toxicological data is available for this mixture, however data can be provided for specific raw materials upon request.
Inhalation	May cause damage to mucous membranes in nose, throat, lungs and bronchial system.
Ingestion	Causes burns. , Harmful if swallowed.
Skin contact	Causes burns.
Eye contact	Causes burns. , Risk of serious damage to eyes.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

12.2. Persistence and degradability

Degradability	The surfactants contained within the product comply with the biodegradability criteria as laid down in Regulation (EC) No 648/2004.
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12.3. Bioaccumulative potential

Bioaccumulative potential	The product does not contain any substances expected to be bioaccumulating.
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12.4. Mobility in soil

Mobility:	The product contains substances, which are water soluble and may spread in water systems.
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12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or PvB substances

12.6. Other adverse effects

None known

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

UN No. (IMDG)	1760
UN No. (ICAO)	1760

14.2. UN proper shipping name

Proper Shipping Name: CORROSIVE LIQUID,NOS (Tallow trimethyl ammonium chloride)

14.3. Transport hazard class(es)

ADR/RID/ADN Class 8
 ADR/RID/ADN Class Class 8: Corrosive substances.
 IMDG Class 8
 ICAO Class/Division 8

Transport Labels



14.4. Packing group

14.5. Environmental hazards

Environmentally Hazardous substance/Marine Pollutant

14.6. Special precautions for user

Tunnel Restriction Code n/a

SECTION 15: REGULATORY INFORMATION

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

UK Regulatory References The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.
 Environmental Listing Rivers (Prevention of Pollution) Act 1961., Control of Pollution (Special Waste Regulations) Act 1980.
 Statutory Instruments The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716)., Control of Substances Hazardous to Health.
 Approved Code Of Practice Classification and Labelling of Substances and Preparations Dangerous for Supply.
 Guidance Notes Workplace Exposure Limits EH40., CHIP for everyone HSG(108).
 System of specific information relating to Dangerous Preparations. 2001/58/EC., 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.
 EU Legislation
 National Regulations The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007 (CDG 2007).

15.2. Chemical Safety Assessment

No chemical assessment has been carried out as this Safety Data Sheet is for a mixture

SECTION 16: OTHER INFORMATION

General information

The following risk phrases relate to the raw materials in the product and not the product itself:-

Revision Comments

Safety Data Sheet revised to be in accordance with EU Regulation No 453/2010 - REACH Regulations.

Revision Date 27/11/2012

Revision 1

Risk Phrases In Full

R11 Highly flammable, R36 Irritating to eyes., R67 Vapours may cause drowsiness and dizziness.| R36/37/38 Irritating to eyes, respiratory system and skin.| R22 Harmful if swallowed., R34 Causes burns., R50 Very toxic to aquatic organisms.| R36/38 Irritating to eyes and skin.|

Hazard Statements In Full

H225 Highly flammable liquid and vapour.
 H302 Harmful if swallowed.

H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.