

SAFETY DATA SHEET - ASTRAL TOILET DESCALER

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) 1272/2008 (CLP)

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

1.1 Product identifier

Product Name	Toilet Descaler
Trade name	XATC
CAS No.	
EINECS No.	

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

Identified use(s)	Toilet and Urinal cleaner and descaler. Safe to use on stainless steel, porcelain and ceramic surfaces when used as directed.
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1.3 Details of the supplier of the safety data sheet

Company Identification	Product Brokers Ltd
Company Address	Pilkington Industrial Estate, Rake Lane, Swinton, M27 8LP
Telephone	0161 643 0260
Fax	0870 199 2072
E-Mail (competent person)	info@astralcsi.com

1.4 Emergency telephone number

Emergency Phone No.	0161 643 0260 9am-5pm office hours only
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2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	IRRITANT
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2.1	Regulation (EC) No. 1272/2008 (CLP)
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2.1	Directive 67/548/EEC & Directive 1999/45/EC
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2.2 Label elements

2.2.1	Label elements
	GHS Product Identifier

Hazard pictogram(s) Reach



Signal word(s) Reach

IRRITANT

Hazard statement(s)

Precautionary statement(s)

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3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Hazardous Ingredient(s):	EINECS No	CAS NUMBER	%W/W	SYMBOL	RISK PHRAS
Phosphoric Acid	231-633-2	7664-38-2	15-25	C	R34
Alcohol ethoxylate		68439-46-3	<5	Xn	R22 & R4
Non Hazardous Ingredient(s):	EINECS No	CAS NUMBER	%W/W	SYMBOL	RISK PHRAS
Xanthan gum	234-394-2	11138-66-2	<5		

4 FIRST AID MEASURES

4.1 Description of first aid measures (Symptoms)

Inhalation	Mist may cause irritation to the respiratory tract
Skin Contact	May cause irritation
Eye Contact	Causes irritation
Ingestion	May cause irritation to the mouth, throat and digestive tract
Additional Information	Symptomatic treatment.

4.2 Description of first aid measures (Actions)

Inhalation	If affected, remove to fresh air, keep warm and at rest. Obtain medical attention in severe cases.
Skin Contact	Immediately remove all contaminated clothing. Wash skin with soap and water. In severe cases obtain medical help.
Eye Contact	In case of contact, rinse immediately with plenty of water for at least 10-15 minutes. Obtain medical attention if irritation persists
Ingestion:	Do not give anything by mouth to an unconscious person. Wash out mouth with water and give copious amounts of water to drink. Do not induce vomiting. Obtain medical advice if patient unwell.
Additional Information	Always launder contaminated clothing before re-use

5 FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media	Product not flammable Water spray, foam, sand, dry powder, or CO2
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5.2 Special hazards arising from the

Substance or mixture	
Exposure hazards	In combustion emits toxic fumes.

5.3 Advice for fire-fighters

Special protective equipment for fire fighters	Full protective equipment including self-contained respiratory protection
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6 ACCIDENTAL RELEASE MEASURES

- 6.1** Personal precautions, protective equipment and emergency procedures Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing – see section 8 of SDS
- 6.2** Environmental precautions Do not discharge into drains or rivers. Contain the spillage using bunding.
- 6.3** Methods and material for containment and cleaning up Small spills can be handled with a mop and water. Large spills should be contained with sawdust and disposed of under local authority regulations
- 6.4** Reference to other sections
- 6.5** Additional Information

7 HANDLING AND STORAGE

- 7.1** Precautions for safe handling Avoid eye contact and skin contact
- 7.2** Conditions for safe storage, including any incompatibilities Keep in original containers
- 7.3** Suitable packagine
- 7.3** Specific end use(s) Keep tightly closed when not in use
Do not store below 5°C or above 30°C
Store away from sparks, naked flames or sources of ignition

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Hazardous Ingredients

NO OCCUPATIONAL LIMIT ASSIGNED

Workplace exposure limits			Respirable dust	
State	8 hour TWA	15 min STEL	8 hour TWA	15 min Stel

8.2 Exposure Controls

Engineering measures

Respiratory Protection

Not necessary under normal usage

Hand Protection

Wear protective gloves (Butyl rubber or Polyvinyl chloride)

Eye Protection

Wear safety goggles

Skin Protection

Wear suitable protective overalls

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9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on the basic physical and chemical properties

Form:	Liquid
Odour:	Fruity sweet spice
Colour:	Blue
Viscosity:	1000-1500 PA.S @ 20 degrees C
pH (Value):	1-1.5
Density (g/ml):	1.070 approx
Boiling Point:	>100 degrees celcius
Flash Point:	Not Applicable
Melting Point:	<0 degrees celcius
Pour Point (Deg C):	<0 degrees celcius
Auto Ignition Temp.	Not Applicable
Vapour Pressures:	Not Applicable
Solubility (water):	Soluble
Solubility (other):	Not Applicable
Partition Coefficient:	Not Applicable
Flammable Limits:	Not Applicable
Oxidising Props.	Not Applicable

9.2 Other information

10 STABILITY AND REACTIVITY

10.1 Reactivity

None under normal usage

10.2 Chemical Stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

Yes, do not mix with hypochlorites, bleaching or chlorine release agents.

10.4 Conditions to avoid

Extremes of temperature

10.5 Incompatible materials

Strong oxidising/reducing agents

10.6 Hazardous decomposition products

Burning produces Oxides of Carbon

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11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Toxicity values

Route	Species	Test	Value	Units

Relevant effects for mixture

Effect	Route	Basis

11.2 Symptoms / Routes of exposure

Skin contact	May cause irritation to skin with prolonged contact.
Eye Contact	May cause irritation.
Ingestion	May cause irritation to the mouth, throat and digestive tract. May also cause nausea.
Inhalation	Mist may irritate the respiratory system

12 ECOLOGICAL INFORMATION

12.1 Toxicity

Eco Toxicity values

Species	Test	Value	Units

12.2 Persistence and degradability

The surfactant(s) used in this preparation comply(ies) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents.
Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3 Bioaccumulative potential

No bioaccumulation potential.

12.4 Mobility in soil

Readily absorbed into soil

12.5 Results of PBT and vPvB assessment

12.6 Other Adverse Effects

Negligible ecotoxicity.

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13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal operations	Dispose of in accordance with Local Authority Guidelines and Regulations
Disposal of packaging	Dispose of in accordance with Local Authority Guidelines and Regulations

NB: The users attention is drawn to the possible existance of regional or national regulations regarding dis

14 TRANSPORT INFORMATION

14.1 UN Number Not regulated for transport

14.2 UN Proper shipping name

14.3 Transport hazard class(es)

ARD/RID	:	Class
IMDG	:	Proper shipping name
IATA	:	Proper shipping name

14.4 Packing Group

14.5 Environmental hazards

Environmental hazardous

Marine pollutant

14.6 Special precautions for user

15 REGULATORY INFORMATION

this preparation was classified in compliance with the following directions and regulations

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) and amendments thereof up to and including Regulation (EU) No 453/2010.
Regulation (EC) No 1272 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures.

15.1 Hazardous Ingredients

Phosphoric Acid

Hazard symbol



EEC classification

IRRITANT

other provisions

The regulatory information given above only indicates the principal regulations specifically applicable to the product described in this safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

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15 REGULATORY INFORMATION (continued)

Risk phrases

R36/38 Irritating to eyes and skin

Safety phrases

S2 Keep out of the reach of children,

S24/25 Avoid contact with skin and eyes

S46 If swallowed, seek medical advice immediately and show this container or label.

S26 In case of contact with eyes rinse immediately with plenty of water and seek medical advice

S50 Do not mix with chlorine release agents.

15.2 chemical safety assesment

A chemical safety assessment has not been carried out for the substance or mixture by the supplier

16 OTHER INFORMATION

16.1 Phrases used in Sections 2 and 3

Risk Phrases

R22 Harmful if swallowed.

R34 Causes burns

R41 Risk of serious damage to eyes.

Safety Phrases

16.2 Other Information

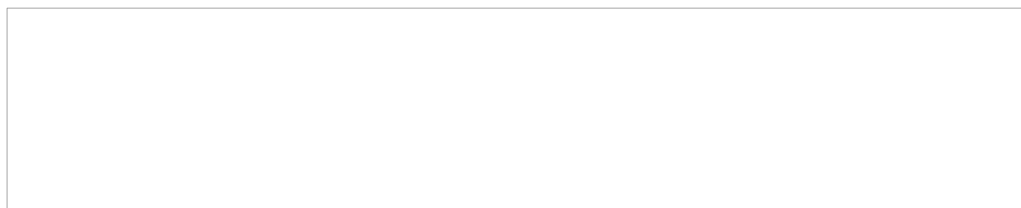
Non-ionic surfactants - less than 5%

Phosphates - more than 15% but less than 25%

Contains: Phosphoric acid

CLP label elements

Hazard pictogram(s) CLP

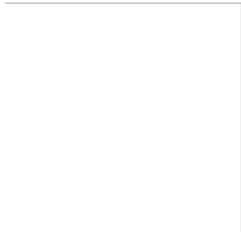


Signal word(s) CLP

Legal disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.
It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements & local regulations
This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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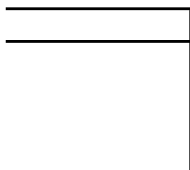


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