SAFETY DATA SHEET

Algerase

This Safety Data Sheet contains information concerning the potential risks to those involved in handling, transporting and working with the material, as well as describing potential risks to the consumer and the environment. This information must be made available to those who may come into contact with the material or are responsible for the use of the material. This Safety Data Sheet is prepared in accordance with formatting described in the REACH Regulation (EC) No 1907/2006, and described in CLP Regulation (EC) No 1272/2008.

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

1.1 Product identifier
Algerase

1.2 Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available

1.3 Details of the supplier of the safety data sheet
United Stonecare Ltd
Unit B Prospect Commercial Park
4 Prospect Road
Alresford
Hampshire
SO24 9QF
Alresford, England, U.K.
Tel: + 44 (0)1962 732433

1.4 Emergency telephone number
Tel: + 44 (0)1902 450950

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture
Classification in accordance with the Dangerous Preparations Directive 1999/45/EC or 67/548/EEC
C; R34 (causes burns)
N; R50 (very toxic to aquatic organisms)

2.2 Labelling Hazard pictograms:

R-phrases:

34	Causes burns
50	Very toxic to aquatic organisms

S-phrases:

½	Keep locked up and out of reach of children
26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
29	Do not empty into drains
36/37/39	Wear suitable protective clothing, gloves and eye/face protection
45	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible)

2.3 Other hazards

Hazardous ingredients for labelling;
quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides

SECTION 3: Composition

3.1 Substances

Not applicable

3.2 Mixtures

Description

Cleaner with quaternary ammonium compounds

Hazardous ingredients

CAS No	EC No	Name	(% weight)	Classification according to 67/548/EEC
68424-85-1	270-325-2	quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides	< 25	C, N R21/22-34-50

Additional advice

These hazards apply to the contained raw materials in concentrated form. They have nothing to do with the labelling requirements of the finished product.

Labelling for contents according to regulation (EC) No 648/2004, annex VII

15% or over but less than 30% cationic surfactants
perfumes

SECTION 4: First Aid Measures

4.1 Description of first aid measures

EYE CONTACT:	Rinse immediately with plenty of water and seek medical attention.
INHALATION:	Move the exposed person to fresh air and keep immobile. Seek medical attention if irritation or symptoms persist.
SKIN CONTACT:	Wash off immediately with plenty of soap and water. Remove contaminated clothing (including underwear and shoes). Seek medical attention if irritation or symptoms persist.
INGESTION:	Drink plenty of water and seek medical attention. DO NOT INDUCE VOMITING.
GENERAL:	Do not leave casualty unattended.

4.2 Most important symptoms and effects, both acute and delayed

EYE CONTACT:	No information available.
INHALATION:	No information available.
SKIN CONTACT:	No information available.
INGESTION:	No information available.

4.3 Indication of any immediate medical attention and special treatments needed

If swallowed, flush stomach adding activated charcoal.

SECTION 5: Firefighting Measures

5.1 Extinguishing media

Use extinguishing media appropriate to surrounding conditions.

5.2 Special hazards arising from the substance or mixture

n/a

5.3 Advice for fire fighters

Do not inhale explosion and/or combustion gases.

Additional information

Cool endangered containers with water spray jet.

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area. Wear suitable protective equipment.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and materials for containment and clearing up

Take up with absorbent material (e.g. general purpose binder).

6.4 References to other sections

See section 7 for handling information. See section 8 for personal protection. See section 13 for disposal information.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

While spraying wear respiratory protection. Use only in well-ventilated areas. Take the usual precautions when handling chemicals. Avoid contact with eyes and skin. Do not inhale gases/vapours/aerosols. Clean skin thoroughly after working. At work do not eat, drink or smoke.

7.2 Conditions for safe storage, including any incompatibilities

Keep in closed original container. Ventilate store-rooms thoroughly. Keep container dry, tightly closed and store at cool and aired place. Do not store at temperatures above 25°C (=77°F). Do not keep at temperatures below 5°C. Storage group 8B.

7.3 Specific end uses(s)

No further relevant information available.

7.4 Suitable Packaging

Plastic containers

SECTION 8. Exposure Controls/Personal Protection

8.1 Control parameters

No information available.

8.2 Exposure Controls

Engineering	No information available.
Respiratory	Breathing apparatus in the event of aerosol or mist formation. Multi-purpose filter ABEK (EN 14387, 133, 140, 149)
Hand protection	Chemical-resistant gloves. The glove material must be impermeable and resistant to the product. The protective glove should always be checked to make sure it is suitable for the specific intended workstation (e.g. mechanical resistance, product compatibility). Heed the manufacturer's specifications regarding permeability and breaching time, as well as instructions and information concerning application, storage and care. The protective gloves should be replaced immediately if damaged or when first signs of wear appear. Design working cycles in such a way that gloves do not have to be worn permanently. Since the product is made up of several materials, the resistance of the glove materials cannot be predicted in advance and must be checked before use. Hersteller/manufactor: KCL GmbH/Eichenzell-Germany; Ansell/Yarra City-Australia. Resistant to the hazardous substances listed in section 3: Butyl rubber, 0,5 mm, >8h Fluororubber, 0,7 mm, >8h Nitrile rubber, 0,4 mm, >8h

Eye Protection	Safety goggles (EN 166)
Skin protection	Light protective clothing. (EN-ISO 20345, EN 13034, 14605, 340-463-943-1, 943-2)

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance:	Liquid
Colour:	Blue
Odour:	Pleasant
Odour threshold:	No data available
pH:	ca. 7-9
Melting point:	No data available
Boiling point:	> 90°C
Flashpoint:	> 100°C
Evaporation rate:	No data available
Flammability:	Not applicable
Vapour pressure:	No data available
Vapour density:	No data available
Relative density:	Value - ca. 1g/cm^3 Temperature ca. 23°C
Solubility in water:	Multimiscible
Solubility in other solvents:	No data available
Partition coefficient (log Kow):	No data available
Autoignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	Value < 30 s Temperature ca. 23°C Method ISO 2431/3 mm
Explosive properties:	No data available
Oxidising properties:	No data available

9.2 Other information

None

SECTION 10: Stability and Reactivity

10.1 Reactivity

No hazardous reactions known.

10.2 Chemical stability

No hazardous reactions known.

10.3 Possibility of hazardous reactions

No hazardous reactions known.

10.4 Conditions to avoid

No data available.

10.5 Incompatible materials
No data available.

10.6 Hazardous decomposition products
No information available.

SECTION 11: Toxicological Information

11.1 Information on toxicological effects
This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

(a) acute toxicity	Not determined
(b) skin corrosion/irritation	Not determined
(c) serious eye damage/irritation	Not determined
(d) respiratory/skin sensitisation	Not determined
(e) germ cell mutagenicity	Not determined
(f) carcinogenicity	Not determined
(g) reproductive toxicity	Not determined
(h) STOT-single exposure	Not determined
(i) STOT-repeated exposure	Not determined
(j) aspiration hazard	Not determined

SECTION 12: Ecological Information

This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

12.1 Toxicity
No information available.

12.2 Persistence and degradability
Not determined.

12.3 Bioaccumulative potential
No information available.

12.4 Mobility in soil
No information available

12.5 Results of PBT and vPvB assessment
The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII

12.6 Other adverse effects
Behaviour in sewage plant
Treat by state-of-the-art technology before discharging into drains

General regulation
The surfactant(s) contained in this preparation complies (comply) 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.

SECTION 13: Disposal Considerations

13.1 General information
Waste treatment methods
Waste Code No 07 06 08*
Name of Waste other still bottoms and reaction residues
Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 91/689/EEC on hazardous waste.

13.2 Disposal methods
Dispose in accordance with local official regulations.

13.3 Disposal of packaging
Totally emptied packaging may be taken for recycling.

13.4 Further information
Do not empty into drains/sewage system.

SECTION 14: Transport Information

Land and inland navigation transport ADR/RID
UN1760 Corrosive liquid, n.o.s. (Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides), 8, III, (E), Classification code: C9

Marine transport IMDG
UN 1760 Corrosive liquid, n.o.s. (Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides), 8, III

Air transport ICAO/IATA-DGR
UN 1760 Corrosive liquid, n.o.s. (Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides), 8, III

Special precautions for the user
No information available.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
No information available.

SECTION 15: Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Biocide directive (98/8/EC)
Regulation (EC) No 648/2004 (Detergents regulation)

15.2 Chemical Safety Assessment
No information available.

SECTION 16: Other Information

Recommended uses and restrictions:
National and local regulations concerning chemicals shall be observed.

Wording of the R/H-phrases specified in chapter 3 (not the classification of the mixture):
R21/22 Harmful in contact with skin and if swallowed.
R34 Causes burns.
R50 Very toxic to aquatic organisms.