

CASE CLEANER**0074**

The contents and format of this SDS are in accordance with REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL.



Xi : Irritant

Danger**Responsible for distribution**

Scorpion Climate
Unit 3 Deanland Business Park
Deanland Road, Golden Cross
BN27 3RP East Sussex United Kingdom

SECTION 1 Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Identification of the product : Aqueous solution.
Trade name : CASE CLEANER
Type of product : Cleaning product.

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

Use : See product bulletin for detailed information.

1.3. Details of the supplier of the safety data sheet

Company identification : Bio Services International
Jagershoek 13
8570 Vichte Belgique-Belgie
Tel : 00.32.56.77.24.34 Ma-Vr 8-12u /13-17u
Fax : 00.32.56.77.24.35
E-mail : bernard@bioservice.be

Responsible for placing on the market : See distributor.

1.4. Emergency telephone number

Emergency phone nr : B 0032.70.245.245//F 0033.(0)383.32.36.36//0033.(0)1.40.05.48.48

SECTION 2 Hazards identification**2.1. Classification of the substance or mixture****Classification EC 67/548 or EC 1999/45**

Classification : Xi; R36

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)

• Health hazards : Serious eye damage - Category 1 - Danger - (CLP : Eye Dam. 1) - H318

2.2. Label elements**Bio Services International**

Jagershoek 13 8570 Vichte Belgique-Belgie
Tel : 00.32.56.77.24.34 Ma-Vr 8-12u /13-17u
Fax : 00.32.56.77.24.35
E-mail : bernard@bioservice.be

CASE CLEANER**0074**

The contents and format of this SDS are in accordance with REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL.

SECTION 2 Hazards identification (continued)Labelling EC 67/548 or EC 1999/45

Symbol(s)



: Xi : Irritant

R Phrase(s)

: R36 : Irritating to eyes.

S Phrase(s)

: S2 : Keep out of the reach of children.

S23 : Do not breathe spray.

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

S51 : Use only in well-ventilated areas.

Labelling Regulation EC 1272/2008 (CLP)

• Hazard pictograms



• Hazard pictograms

: GHS05

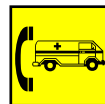
• Signal words

: Danger

• Hazard statements

: H318 - Causes serious eye damage

• Pictograms (Precautionary statements)



• Precautionary statements

General

: P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P103 - Read label before use.

Prevention

: P280 - Wear .

Response

: P310 - Immediately call a POISON CENTER or doctor/physician

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing

2.3. Other hazards

Other hazards

: None under normal conditions.

SECTION 3 Composition/information on ingredients3.2. Preparation3.1./3.2. Substance / Preparation

Composition

: For more information on INCI-names : http://ec.europa.eu/enterprise/cosmetics/inci/inci_2006.pdf

aqua

potassium dodecylbenzenesulfonate

butoxyethanol

Tetrasodium iminodisuccinaat

Sodium xylenesulfonate

Bio Services International

Jagershoek 13 8570 Vichte Belgique-Belgie

Tel : 00.32.56.77.24.34 Ma-Vr 8-12u /13-17u

Fax : 00.32.56.77.24.35

E-mail : bernard@bioservice.be

CASE CLEANER

0074

The contents and format of this SDS are in accordance with REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL.

SECTION 3 Composition/information on ingredients (continued)

Components : Morpholine dodecyl benzene sulfonate
Ethanol, 2,2'-iminobis-, N-coco alkyl derivs.
Trideceth-8

Composition : This product is hazardous.
: Regulation (CE) No. 648/2004 of 31 March 2004 on detergents:
 < 5% : - Non-ionic surfactants - Aliphatic hydrocarbons
 5% - 15% : - Anionic surfactants

Substance name	Contents	CAS No	EC No	Annex No	REACH	Classification
2-butoxyethanol	Between 1 and 10 %	111-76-2	203-905-0	603-014-00-0	----	Xn; R20/21/22 Xi; R36/38 ----- Acute Tox. 4 (Dermal);H312 Acute Tox. 4 (Inhalation);H332 Acute Tox. 4 (Oral);H302 Eye Irrit. 2;H319 Skin Irrit. 2;H315
Potassiumdodecylbenzenesulfonat : e *	Between 1 and 10 %	27177-77-1	248-296-2	-----	----	Xn; R22 Xi; R38-41 ----- Eye Dam. 1;H318 Acute Tox. 4 (Oral);H302 Skin Irrit. 2;H315

SECTION 4 First aid measures

4.1. Description of first aid measures

First aid measures

- **Inhalation** : Not expected to require first aid measures.
- **Skin contact** : Flush with plenty of water.
- **Eye contact** : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
- **Ingestion** : If swallowed, rinse mouth with water (only if the person is conscious).

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

No data available.

Symptoms relating to use

- **Inhalation** : No significant signs or symptoms indicative of any adverse health hazard are expected to occur as a result of inhalation exposure.
- **Skin contact** : Not expected to present a significant skin hazard under anticipated conditions of normal use.
- **Eye contact** : Redness, pain. Blurred vision. Tears.
- **Ingestion** : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

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

No data available.

SECTION 5 Firefighting measures

5.1. Extinguishing media

Use water spray/fog to disperse vapours below flammable limit.

Use water spray/fog for cooling.

Extinguishing media : All extinguishing media can be used.

Bio Services International

Jagershoek 13 8570 Vichte Belgique-Belgie

Tel : 00.32.56.77.24.34 Ma-Vr 8-12u /13-17u

Fax : 00.32.56.77.24.35

E-mail : bernard@bioservice.be

CASE CLEANER**0074**

The contents and format of this SDS are in accordance with REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL.

SECTION 5 Firefighting measures (continued)**5.2. Special hazards arising from the substance or mixture****5.3. Advice for firefighters**

Flammable class : Not flammable.

SECTION 6 Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

General precautions : No smoking.

6.2. Environmental precautions

Environmental precautions : Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

No data available.

Clean up methods : Dilute residues and flush.

6.4. Reference to other sections

No data available.

SECTION 7 Handling and storage**7.1. Precautions for safe handling**

Personal protection : Ensure prompt removal from eyes, skin and clothing.

7.2. Conditions for safe storage, including any incompatibilities

Storage : Keep only in the original container in a cool, well ventilated place. Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.

7.3. Specific end use(s)

No data available.

SECTION 8 Exposure controls/personal protection**8.1. Control parameters****8.2. Exposure controls**

Occupational Exposure Limits : 2-butoxyethanol : TLV[®] -TWA [ppm] : 20
2-butoxyethanol : OEL (UK)-LTEL [ppm] : 25
2-butoxyethanol : OEL (UK)-STEL [ppm] : 50

Personal protection

- Respiratory protection : No special protection required where adequate ventilation is maintained.
- Skin protection : Not required.
- Eye protection : Chemical goggles or safety glasses.
- Hand protection : In case of repeated or prolonged contact wear gloves.
- Ingestion : When using, do not eat, drink or smoke.

Bio Services International

Jagershoek 13 8570 Vichte Belgique-Belgie
Tel : 00.32.56.77.24.34 Ma-Vr 8-12u /13-17u
Fax : 00.32.56.77.24.35
E-mail : bernard@bioservice.be

CASE CLEANER

0074

The contents and format of this SDS are in accordance with REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL.

SECTION 9 Physical and chemical properties

9.1. Information on basic physical and chemical properties

9.1.a. Appearance

Physical state at 20 °C : Aqueous solution.
Colour : Colourless to light yellow.

9.1.b. Odour

Odour : Characteristic.

9.1.c. Odour threshold : No data available.

9.1.d. pH : No data available.

pH value : 11.4

9.1.e. Melting point / Freezing point : No data available.

9.1.f. Initial boiling point - boiling range : No data available.

9.1.g. Flash point : No data available.

Flash point [°C] : Not applicable.

9.1.h. Evaporation rate : No data available.

9.1.i. Flammability : No data available.

9.1.j. Explosion limits (lower - upper) : No data available.

9.1.k. Vapour pressure : No data available.

9.1.l. Vapour density : No data available.

9.1.m. Relative density : No data available.

Density : 1.018

9.1.n. Solubility

Solubility in water : Complete.

9.1.o. Partition coefficient : n-octanol / water : No data available.

9.1.p. Auto-ignition temperature : No data available.

Auto-ignition temperature [°C] : 230

9.1.q. Thermal decomposition : No data available.

9.1.r. Viscosity : No data available.

9.1.s. Explosive Properties : No data available.

9.1.t. Oxidising properties : No data available.

9.2. Other information

No data available.

SECTION 10 Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Bio Services International

Jagershoek 13 8570 Vichte Belgique-Belgie

Tel : 00.32.56.77.24.34 Ma-Vr 8-12u /13-17u

Fax : 00.32.56.77.24.35

E-mail : bernard@bioservice.be



SAFETY DATA SHEET

Page : 6 / 8

Revised edition no : 1

Date : 8 / 7 / 2014

Supersedes : 26 / 6 / 2014

CASE CLEANER

0074

The contents and format of this SDS are in accordance with REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL.

SECTION 10 Stability and reactivity (continued)

No data available.

Hazardous reactions : None under normal conditions.

Hazardous properties : None under normal conditions.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

Materials to avoid : None.

10.6. Hazardous decomposition products

No data available.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Toxicity information : Irritating to eyes.

SECTION 12 Ecological information

12.1. Toxicity

12.2. Persistence and degradability

No data available.

Persistence - degradability : 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.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This product is not or does not contain a substance which is a PBT or a vPvB (consistent with annex XIII).

12.6. Other adverse effects

No data available.

Ecological effects information : No data available.

SECTION 13 Disposal considerations

13.1. Waste treatment methods

General : Dispose in a safe manner in accordance with local/national regulations.

Bio Services International

Jagershoek 13 8570 Vichte Belgique-Belgie

Tel : 00.32.56.77.24.34 Ma-Vr 8-12u /13-17u

Fax : 00.32.56.77.24.35

E-mail : bernard@bioservice.be



SAFETY DATA SHEET

Page : 7 / 8

Revised edition no : 1

Date : 8 / 7 / 2014

Supersedes : 26 / 6 / 2014

CASE CLEANER

0074

The contents and format of this SDS are in accordance with REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL.

SECTION 14 Transport information

14.1. UN number

Not regulated.

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15 Regulatory information

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

Ensure all national/local regulations are observed.

EEC Composition of detergents : < 5% : - Non-ionic surfactants - Aliphatic hydrocarbons
5% - 15% : - Anionic surfactants

Other : None.

15.2. Chemical safety assessment

No data available.

SECTION 16 Other information

List of relevant R phrases (§ 3) : R20/21/22 : Harmful by inhalation, in contact with skin and if swallowed.
R22 : Harmful if swallowed.
R36/38 : Irritating to eyes and skin.
R38 : Irritating to skin.
R41 : Risk of serious damage to eyes.

List of relevant H phrases (Section 3) : H302 - Harmful if swallowed
H312 - Harmful in contact with skin
H315 - Causes skin irritation
H318 - Causes serious eye damage
H319 - Causes serious eye irritation
H332 - Harmful if inhaled

GHS information (for internal use only)

Further information : None.

GHS Category Determination according to Profile table

=====

- Category : EYDA-2A : CLP: EYE IRRITATION-Cat.2 (H319)

GHS Conventional Method Calculation

=====

*** GHS Specific Concentration Limits --- SCL : No substance with SCL

*** GHS Concentration Limits with cut-off : Cut-off values

Bio Services International

Jagershoek 13 8570 Vichte Belgique-Belgie
Tel : 00.32.56.77.24.34 Ma-Vr 8-12u /13-17u
Fax : 00.32.56.77.24.35
E-mail : bernard@bioservice.be



SAFETY DATA SHEET

Page : 8 / 8

Revised edition no : 1

Date : 8 / 7 / 2014

Supersedes : 26 / 6 / 2014

CASE CLEANER

0074

The contents and format of this SDS are in accordance with REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL.

SECTION 16 Other information (continued)

*** Normal concentration limits for Very corrosive substances : No very corrosive substances present in the mixture.

- Add (or keep) GHS cat.EYDA-1 : CLP: EYE DAMAGE-Cat.1 (H318) (ratio = 1.3000 - summation)
- Add (or keep) GHS cat.EYDA-2A : CLP: EYE IRRITATION-Cat.2 (H319) (ratio = 4.2030 - summation)
- Add (or keep) GHS cat.EYDA-2B : GHS: EYE IRRITATION-Cat.2B (H320A) (ratio = 4.2030 - summation)
- Remove all GHS cat. related to GHS cat. SKCO-2 : CLP: SKIN IRRITATION-Cat.2 (H315) (ratio = 0.6930 - summation)
- Add (or keep) GHS cat.SKCO-3 : GHS: SKIN IRRITATION-Cat.3 (H315) (ratio = 6.9300 - summation)

GHS Category Determination according to experimental values - Acute Toxicity

• AT Oral LD50 : GHS Category Determination according to experimental values - Acute and Chronic Toxicity - Aquatic environment

• AT Dermal LD50 : GHS Category Determination according to experimental values - Acute and Chronic Toxicity - Aquatic environment

• AT Inhalation LC50
not applicable (Mixture does not generate particules, gas or vapour). No Inhalation Acute Toxicity category even if a category exists according to the Profile table.

GHS Category Determination according to experimental values - Acute and Chronic Toxicity - Aquatic environment

• AT LC50 Environment : Not defined (category from Profile table remained, if it exists)

GHS Category Determination according to other experimental values

none (according to experimental values)

SPECIAL CASES - according to setting

• Corrosiveness: Category 3 removed according to settings.

DISCLAIMER OF LIABILITY

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

End of document

Bio Services International

Jagershoek 13 8570 Vichte Belgique-Belgie
Tel : 00.32.56.77.24.34 Ma-Vr 8-12u /13-17u
Fax : 00.32.56.77.24.35
E-mail : bernard@bioservice.be