

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006 (REACH) and (EC) No. 1272/2008 (CLP)
CC800.3 Cleaner (Diluted)

Data Sheet No: DS337
 Issue Date: 1st June 2015

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1.0 – Identification of the substance/mixture and of the company/undertaking

1.1 – Product identification

Trade name : Multichem CC800.3 Cleaner (Diluted)
 Substance name : n/a
 Index-No. : n/a
 CAS-No. : n/a
 EC-No. : n/a

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

Use of the substance/mixture : Preparation for use as a whiteboard cleaning solution.
 Recommended restrictions on use : At this time we do not yet have information on use restrictions. They will be included in this safety data sheet when available.

1.3 – Details of the supplier of the safety data sheet

Company : ACCO Brands Australia
 2 Coronation Avenue
 Kings Park, NSW, 2148
 Australia

Telephone : 02 9674 0900

e-mail address : enquiry.nsw@acco.com

1.4 – Emergency telephone number

Emergency telephone : 02 9674 0900

2.0 – Hazards Identification

2.1 – Classification of the substance or mixture

Regulation (EC) No. 1272/2008			
Hazard class	Hazard category	Target organs	Hazard statements
Flammable liquids	2		H225

For the full text of the H-Statements mentioned in this Section, see Section 16.

Most important adverse effects

Human health : See Section 11 for toxicological information.
 No further information available.
 Physical and chemical hazards : See Section 9 for physiochemical information.
 No further information available.
 Potential environmental effects : See Section 12 for environmental information.
 No further information available.

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2.2 – Label elements
Labelling according to Regulation (EC) No. 1272/2008

Hazard symbols: :



Signal word : Danger

Hazard statements	:	H225	Highly flammable liquid and vapour.
Precautionary statements	:	P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Prevention		P233	Keep container tightly closed.
		P280	Wear protective gloves/protective clothing/eye protection/face protection.
		P240	Ground/bond container and receiving equipment. Take precautionary measures against static discharge.
		P243	
Storage	:	P403+P235	Store in a well-ventilated place. Keep cool.

2.3 – Other hazards

No other information is available.

3.0 – Composition/information on ingredients
3.1 – Substances

Chemical nature : mixture

Chemical name	Index No.	REACH Reg. No.	CAS No.	EC No.	Amount (%)
Ethanol	603-002-00-5	01-2119457610-43	64-17-5	200-578-6	95%
2-ethyl hexyl ether phosphate	-	-	39341-65-6	-	5%

Chemical name	Classification according to Regulation (EC) No. 1272/2008
Ethanol	H225 (2)
2-ethyl hexyl ether phosphate	H302 (4), H315 (2), H318 (1), H312 (4), H332 (4)

For the full text of the H-Statements mentioned in this Section, see Section 16.

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4.0 – First aid measures

4.1 – Description of first aid measures

- | | | |
|-------------------------|---|---|
| General advice | : | Take off all contaminated clothing immediately |
| In case of inhalation | : | Remove to fresh air. If symptoms persist, seek medical advice. If unconscious place in recovery position. |
| In case of skin contact | : | Wash off with plenty of water. If skin irritation persists, seek medical advice. |
| In case of eye contact | : | Rinse thoroughly with plenty of water, also under the eyelids. Consult an eye specialist immediately. |
| In case of ingestion | : | Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. If swallowed, do not induce vomiting – seek medical advice. |

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

- | | | |
|----------|---|-----------------------------------|
| Symptoms | : | No further information available. |
| Effects | : | No further information available. |

4.3 – Indication of immediate medical attention and special treatment needed

- | | | |
|-----------|---|---|
| Treatment | : | Treat symptomatically.
No further information available. |
|-----------|---|---|

5.0 – Fire-fighting measures

5.1 – Extinguishing media

- | | | |
|--------------------------------|---|--|
| Suitable extinguishing media | : | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. |
| Unsuitable extinguishing media | : | High volume water jet. |

5.2 – Special hazards arising from the substance or mixture

- | | | |
|---------------------------------------|---|---|
| Specific hazards during fire-fighting | : | Highly flammable. Vapours may form explosive mixtures with air. In case of fire hazardous decomposition products may be produced, such as carbon monoxide (CO) and carbon dioxide (CO ₂). |
|---------------------------------------|---|---|

5.3 – Advice for fire-fighters

- | | | |
|--|---|---|
| Special protective equipment for fire-fighters | : | In the event of fire, wear self-contained breathing apparatus. Wear appropriate body protection (full protective suit). |
| Further information | : | Cool closed containers exposed to fire with water spray. Heating will cause a pressure rise – with risk of bursting. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. |

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6.0 – Accidental release measures

6.1 – Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment. Provide adequate ventilation. Keep away from heat and sources of ignition. Avoid contact with skin and eyes. Do not breathe vapours. For personal protection see Section 8.

6.2 – Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.

6.3 – Methods and materials for containment and cleaning up

Methods and materials for containment and cleaning up : Contain spillage, and then collect with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see Section 13).

Further information : Treat recovered material as described in Section 13.

6.4 – Reference to other sections

For personal protection see Section 8.

7.0 – Handling and storage

7.1 – Precautions for safe handling

Advice on safe handling : Keep container tightly closed. Ensure adequate ventilation. Avoid contact with skin and eyes. Do not breathe vapours. Emergency eye wash fountains and emergency showers should be available in the immediate vicinity.

Hygiene measures : Keep away from food, drink and animal feeding stuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of the working day. Take off all contaminated clothing immediately. Avoid contact with skin and eyes. Do not breathe vapours of spray mist.

7.2 – Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep in an area equipped with solvent resistant flooring. Store in original container.

Advice on protection against fire and explosion : Combustible liquid. Keep away from sources of ignition – no smoking. Take measures to prevent the build-up of electrostatic charge. Vapours may form explosive mixtures in air. Use only in an area containing explosion proof equipment.

Further information on storage conditions : Keep tightly closed in a dry and cool place. Keep in a well-ventilated place. Keep away from heat. Keep away from direct sunlight.

Advice on common storage : Incompatible with oxidizing agents. Keep away from food, drink and animal feeding stuffs.

7.3 – Specific end uses

Specific use(s) : No information available.

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8.0 – Exposure controls/personal protection
8.1 – Control parameters

Component: ethanol; ethyl alcohol		CAS No. 64-17-5
Other OELs		
Regulatory basis	:	UK. EH40 Workplace Exposure Limits (WELs)
Regulatory list	:	EH40 WEL
Value type	:	Time Weighted Average (TWA):
Value	:	1000 ppm
Value	:	1920 mg/m ³

8.2 – Exposure controls
Engineering measures

Refer to protective measures listed in Sections 7 and 8.

Personal protective equipment
Respiratory protection

Advice : Required, if exposure limit is exceeded (e.g. OEL). Respirator with a gas filter. Recommended filter type: A.

Hand protection

Advice : Wear suitable gloves. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact). Protective gloves should be replaced at first signs of wear.

Material : Butyl-rubber
 Gloves : >= 8 h
 Glove thickness : 0.5 mm

Material : Fluorocarbon rubber
 Gloves : >= 8 h
 Glove thickness : 0.4 mm

Material : Polychloroprene
 Gloves : >= 2 h
 Glove thickness : 0.5 mm

Eye protection

Advice : Safety glasses.

Skin and body protection

General advice : Wear suitable protective clothing.

Environmental exposure controls

General advice : Do not let product enter drains. If the product contaminates rivers and lakes or drains inform respective authorities.

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9.0 – Physical and chemical properties

9.1 – Information on basic physical and chemical properties

Appearance	: Pale yellow liquid
Odour	: Alcohol-like
Odour threshold	: Not determined
pH	: Not determined
Melting point / freezing point	: -114.5°C
Initial boiling point and boiling range	: 78.3°C
Flash point	: 12°C
Evaporation rate	: Not determined
Flammability	: Not determined
Upper/lower flammability or explosive limits	: 15% (V), 3.5% (V)
Vapour pressure	: 59 hPa 20°C
Vapour density	: Not determined
Relative density	: 945-949 g/l (20°C)
Solubility	: Miscible with water
Partition coefficient: n-octanol/water	: 8.2-10.9 ((Q)SAR)
Auto-ignition temperature	: 425°C
Decomposition temperature	: Not determined
Viscosity	: Not determined
Explosive properties	: Not determined
Oxidising properties	: Not determined

9.2 – Other information

No further information available.

10.0 – Stability and reactivity

10.1 – Reactivity

Advice : Stable under recommended storage conditions.

10.2 – Chemical stability

Advice : Stable under normal conditions.

10.3 – Possibility of hazardous reactions

Hazardous reactions : No information available.

10.4 – Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

10.5 – Incompatible Materials

Materials to avoid : Alkali metals, alkaline earth metals, strong oxidizing agents, nitric acid, sulphuric acid, peroxides (e.g. hydrogen peroxide).

10.6 – Hazardous decomposition products

Hazardous decomposition products : Under fire conditions: carbon monoxide (CO), carbon dioxide (CO₂).

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11.0 – Toxicological information

11.1 – Information on toxicological effects

Component: ethanol; ethyl alcohol		CAS No. 64-17-5
Acute toxicity		
Oral		
Value type	:	LD50
Value	:	6200 mg/kg
Species	:	rat
Inhalation		
Value type	:	LC50
Value	:	124.7 mg/kg
Exposure time	:	4 h
Species	:	rat
Irritation		
Skin		
Remarks	:	Degreases the skin, which may cause dryness. Prolonged or repeated skin contact may result in dermatitis.
Eyes		
Remarks	:	Splashes in eyes may cause strong pain. Vapour can cause irritation.
Sensitisation		
Remarks	:	Did not cause sensitisation on laboratory animals.
Further information		
Other relevant toxicity information	:	All numerical values for acute toxicity are calculated on the pure substances.
Experiences with human exposure	:	Repeated and prolonged exposure to solvents may cause brain and nervous system damage.

12.0 – Ecological information

12.1 – Toxicity

Component: ethanol; ethyl alcohol		CAS No. 64-17-5
Acute toxicity		
Fish		
Species	:	Leuciscus idus (Golden orfe)
Value type	:	LC50
Value	:	8150 mg/l
Toxicity to daphnia and other aquatic invertebrates		
Species	:	Daphnia magna
Exposure time	:	48 h
Value type	:	EC50
Value	:	9268 – 14221 mg/l
Algae		
Species	:	Scenedesmus quadricauda
Exposure time	:	168 h
Value type	:	EC0
Value	:	5000 mg/l

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Bacteria

Species : Pseudomonas putide
 Value type : EC0
 Value : 6500 mg/l
 Remarks : Cell-proliferation inhibition test

12.2 – Persistence and degradability

Component: ethanol; ethyl alcohol

CAS No. 64-17-5

Persistence and biodegradability
Biodegradability

Remarks : Readily biodegradable

12.3 – Bioaccumulative potential
Bioaccumulation

Remarks : Does not bioaccumulate.

12.4 – Mobility in soil

Mobile in water environment.

12.5 – Results of PBT and vPvB assessment

No information available.

12.6 – Other adverse effects

All numerical values for ecotoxicity effects are calculated on the pure substances. Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.

13.0 – Disposal considerations
13.1 – Waste treatment methods

Product : Disposal together with normal waste is not allowed. Special disposal required according to local regulations. Do not empty into drains. Contact waste disposal services.

Contaminated packaging : Empty contaminated packaging thoroughly. They can be recycled after thorough and proper cleaning. Packaging that cannot be cleaned is to be disposed of in the same manner as the product. Do not burn, or use a cutting torch on the empty drum. Risk of explosion.

European Waste Catalogue Number :

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14.0 – Transport information

14.1 – UN number

1993

14.2 – UN proper shipping name

ADR	:	Flammable Liquid n.o.s (Contains Ethanol)
RID	:	Flammable Liquid n.o.s (Contains Ethanol)
IMDG	:	Flammable Liquid n.o.s (Contains Ethanol)

14.3 – Transport hazard class(es)

ADR-Class	:	3
(Labels ; classification code ; hazard identification number ; tunnel restriction code)	:	3 ; F1 ; 33 : (D/E)
RID-Class	:	3
(Labels ; classification code ; hazard identification number)	:	3 : F1 ; 33
IMDG-Class	:	3
(Labels ; EmS)	:	3 ; F-E, S-D

14.4 – Packaging group

ADR	:	II
RID	:	II
IMDG	:	II

14.5 – Environmental hazards

Labelling according to 5.2.1.8 ADR	:	No
Labelling according to 5.2.1.8 RID	:	No
Labelling according to 5.2.1.6.3 IMDG	:	No
Classification as environmentally hazardous according to 2.9.3 IMDG	:	No
Classified as 'P' according to 2.10 IMDG	:	No

14.6 – Special precautions for user

Not applicable.

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

IMDG	:	Not applicable.
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14.8 – 日本国内規制

陸上規制情報	消防法に従う。
海上規制情報	船舶安全法に従う。
国連番号	: 1993
品名	: 可燃性液体 (エタノール含有)
クラス	: 3
容器等級	: II
海洋汚染物質	: 非該当
航空規制情報	航空法に従う。
国連番号	: 1993
品名	: 可燃性液体 (エタノール含有)
クラス	: 3
容器等級	: II

15.0 – Regulatory information

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

No information available.

15.2 – Chemical safety assessment

No information available.

15.3 – 日本国内適用法令

労働安全衛生法	: 名称等を通知すべき有害物 (政令番号 第 61 番号) (法第 57 条の 2、施行令第 18 条の 2 別表第 9) 危険物・引火性の物 (施行令別表第 1 第 4 号)
消防法	: 危険物第 4 類引火性液体、アルコール類 水溶性 指定数量 400L 危険等級 II (法第 2 条第 7 項危険物別表第 1)
毒物及び劇物取締法	: 非該当
化学物質管理促進法(PRTR 法)	: 非該当
船舶安全法	: 引火性液体類 (危規則第 2, 3 条危険物告示別表第 1)
航空法	: 引火性液体 (施工規則第 194 条危険物告示別表第 1)
海洋汚染防止法	: 有害液体物質 Z 類物質 (施行令別表第 1)
水質汚濁防止法	: 生活環境項目 (施行令第三条第一項) 「生物化学的酸素要求量及び化学的酸素要求量」
輸出貿易管理令	: 別表第 1、16 項 (キャッチオール規制) 第 34 類 有機界面活性剤 HS コード: 3402.9010 「有機界面活性剤、小売販売の用に供しないもの」

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H225	:	Highly flammable liquid and vapour.
H302	:	Harmful if swallowed.
H312	:	Harmful in contact with skin.
H315	:	Causes skin irritation.
H318	:	Causes serious eye damage.
H332	:	Harmful if inhaled.

16.2 – Further information

Other information	:	The information provided in this safety data sheet is correct to our knowledge at the date of its revision. The information given only describes the products with regard to safety arrangements and is not to be considered as a warranty or quality specification and does not constitute a legal relationship. The information contained in this safety data sheet relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.
HS Tariff Code	:	34029010