



Material Safety Data Sheet

OMNI® SPA SURFACE CLEANER

Version: 1.1

Revision Date: 31.10.2011

Print Date: 16.11.2011

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

Product name: OMNI® SPA SURFACE CLEANER

Swimming Pool Product

Product Use Description:

Company:

Supplier:

BioLab Australia Pty Ltd
Level 7, 435 King William St
Adelaide SA
5000
Australia
Telefax : 1800 656 408 or +61 8 8112 0999

Emergency telephone number:

+61 2 8014 4558

For additional emergency telephone numbers see section 16 of the Safety Data Sheet.

Prepared by:

Product Safety Department
(US) +1 866-430-2775

2. HAZARDS IDENTIFICATION

Classified according to the criteria of NOHSC.
HAZARDOUS SUBSTANCE. DANGEROUS GOODS.

Standard for the Uniform : Schedule 5
Scheduling of Medicines and
Poisons

R-phrase(s)

R36/38: Irritating to eyes and skin.

S-phrase(s)



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S 2: Keep out of the reach of children.

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Chemical Name	CAS-No.	Concentration
2-butoxyethanol	111-76-2	< 10%
disodium metasilicate	6834-92-0	< 10%
potassium hydroxide	1310-58-3	< 10%

Non-Hazardous components

Chemical Name	CAS-No.	Concentration
Non-Hazardous Components		> 60%

4. FIRST AID MEASURES

- General advice : For advice, contact a Poisons Information Centre (Phone: Australia 131 126 or New Zealand 0800 764 766) or a doctor at once.
- Inhalation : Move to fresh air.
Oxygen or artificial respiration if needed.
If symptoms persist, call a physician.
- Skin contact : Take off contaminated clothing and shoes immediately.
Wash off with soap and water.
If skin irritation persists, call a physician.
- Eye contact : Immediately flush eye(s) with plenty of water.
Remove contact lenses.
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Seek medical advice.
- Ingestion : Do NOT induce vomiting.
Rinse mouth with water.
Drink 1 or 2 glasses of water.
Consult a physician if necessary.

5. FIRE-FIGHTING MEASURES



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- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during fire fighting : Thermal decomposition can lead to release of irritating gases and vapours.
- Further information : In the event of fire, wear self-contained breathing apparatus.
Use personal protective equipment.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Ensure adequate ventilation.
Use personal protective equipment.
- Environmental precautions : Do not flush into surface water or sanitary sewer system.
Discharge into the environment must be avoided.
- Methods for cleaning up : Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
Contain spillage, pick up with an electrically protected vacuum cleaner or by wet-brushing and transfer to a container for disposal according to local regulations (see section 13).
- Additional advice : Evacuate the area and ventilate. Do not enter areas where high concentrations may exist (especially confined or poorly ventilated areas) without appropriate protective equipment including a self-contained breathing apparatus.
Suppress (knock down) gases/vapours/mists with a water spray jet.

7. HANDLING AND STORAGE

Handling

- Advice on safe handling : Handle in accordance with good industrial hygiene and safety practice.
Avoid contact with skin and clothing.
Avoid inhalation of vapour or mist.

Storage

- Requirements for storage areas and containers : Keep containers tightly closed in a dry, cool and well-ventilated place.
- Materials to avoid : Avoid contact with water on concentrated material in the container. Avoid contact with easily oxidizable material; ammonia, urea, or similar nitrogen containing



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compounds; inorganic reducing compounds; floor sweeping compounds; calcium hypochlorite; other swimming pool/spa chemicals in their concentrated form; alkalis. Avoid contact with all other chemicals. Although not flammable, a latent fire or explosion hazard exists when product is in contact with certain metals or metallic surfaces, due to the formation of flammable hydrogen gas.

Other data : Stable under normal conditions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value	Control parameters	Update	Basis
2-butoxyethanol	111-76-2	TWA	20 ppm 96.9 mg/m ³	2005-08-01	AU OEL
		STEL	50 ppm 242 mg/m ³	2005-08-01	AU OEL
potassium hydroxide	1310-58-3	Peak limit	2 mg/m ³	2005-08-01	AU OEL

Engineering measures

Local exhaust

Personal protective equipment

Respiratory protection : In the case of vapour formation use a respirator with an approved filter.

Hand protection : Impervious 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).
Replace when worn.

Eye protection : Safety glasses with side-shields

Skin and body protection : To protect against splashes from pouring:
impervious clothing
Safety shoes



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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : liquid
Colour : colourless
Odour : irritating

Safety data

Flash point : Note: Non-Flammable
pH : 13.3 - 13.7
Freezing point : ca. 0 °C
Boiling point/boiling range : ca. 100 °C
Relative density : 0.97
Water solubility : at 20 °C
Note: completely miscible

10. STABILITY AND REACTIVITY

Materials to avoid : Remarks: Avoid contact with water on concentrated material in the container. Avoid contact with easily oxidizable material; ammonia, urea, or similar nitrogen containing compounds; inorganic reducing compounds; floor sweeping compounds; calcium hypochlorite; other swimming pool/spa chemicals in their concentrated form; alkalis. Avoid contact with all other chemicals. Although not flammable, a latent fire or explosion hazard exists when product is in contact with certain metals or metallic surfaces, due to the formation of flammable hydrogen gas.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity potassium hydroxide : LD50 Oral: 273 mg/kg
Species: rat
Skin irritation : Remarks: Irritating to skin.



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Eye irritation : Remarks: Irritating to eyes.

Further information : No data is available on the product itself.

12. ECOLOGICAL INFORMATION

Further information on ecology

Additional ecological information : There is no data available for this product.
Not expected to be toxic to aquatic organisms.
Avoid release to the environment.

13. DISPOSAL CONSIDERATIONS

Product : Dispose of in accordance with local regulations.
Dispose of wastes in an approved waste disposal facility.

14. TRANSPORT INFORMATION

ADG
Not dangerous goods

ADR
Not dangerous goods

IATA
Not dangerous goods

IMDG
Not dangerous goods

RID
Not dangerous goods

15. REGULATORY INFORMATION

Symbol(s) : Xi
R-phrase(s) : R36/38 Irritating to eyes and skin.



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National regulatory information

Standard for the Uniform : Schedule 5
Scheduling of Medicines and
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Other international regulations

Notification status

US.TSCA : On TSCA Inventory

DSL : All components of this product are on the Canadian DSL list.

AICS : On the inventory, or in compliance with the inventory

NZIoC : On the inventory, or in compliance with the inventory

ENCS : Not in compliance with the inventory

KECI : On the inventory, or in compliance with the inventory

PICCS : On the inventory, or in compliance with the inventory

IECSC : On the inventory, or in compliance with the inventory

16. OTHER INFORMATION

Further information

Carechem24 International Worldwide Coverage - Chemtura Corporation

Emergency Phone Number

Europe:	All European Countries	+44 (0) 1235 239 670 (NCEC)
Asia Pacific:	East / South East Asia – Regional Number	+65 3158 1074
	Australia	+61 2801 44558
	New Zealand	+64 9929 1483
	China Taiwan	+86 10 5100 3039
	Japan	+81 345 789 341



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	Indonesia	00780 3011 0293
	Malaysia	+60 3 6207 4347
	Thailand	001800 1 2066 6751
	Korea	+65 3158 1285
	Vietnam	+65 3158 1255
	India	+65 3158 1198
	Pakistan	+65 3158 1329
	Philippines	+65 31581203
	Sri Lanka	+65 3158 1195
	Bangladesh	+65 3158 1200
<u>Middle East / Africa:</u>	Arabic speaking countries	+44 (0) 1235 239 671
	All other countries	+44 (0) 1235 239 670
<u>America</u>	United States / Canada	001866 928 0789
<u>Latin America:</u>	Brazil	+55 113 711 9144
	All other countries	+44 (0) 1235 239 670
	Mexico	+52 555 004 8763

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End of Safety Data Sheet