



MULTI SURFACE CLEANER

PRODUCT SAFETY DATA SHEET

Safety data sheet according to 1907/2006/EC, Article 31. Version number 01.

Date: 12/06/2020

Replaces: N/A

Ref: 0387.0.BA

ob1original.com

01 Identification of the substance/mixture and of the company/undertaking



1.1 Product identifier

Trade name OB1 Multi Surface Cleaner.

Article number OB1MPSC500, PSOB1MSC200.

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

No further relevant information available.

Application of the Substance/the preparation Removing adhesive, degreasing and cleaning.

1.3 Details of the supplier of the safety data sheet

Manufacturer/
Supplier Siroflex Limited.
Dodworth Business Park, Dodworth
Barnsley, South Yorkshire
S75 3SP.
www.siroflex.co.uk

Email sales@siroflex.co.uk

Website www.ob1original.com

Further information
obtainable from www.ob1original.com

1.4 Emergency telephone number

Telephone	+44 (0)1226 771600	Monday – Thursday 8.30am – 5pm.	Friday 8.30am – 4.30pm.
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02 Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008.

GHS02 flame	Flam. Aerosol 1 H222–H229. Extremely flammable aerosol. Pressurised container: May burst if heated.
GHS07	STOT SE 3 H336 May cause drowsiness or dizziness. Asp. Tox.1 H304 May be fatal if swallowed and enters airways.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS02



GHS07

Signal word

Danger.

Hazard-determining components of labelling

Hydrocarbons C9-C11, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics

Hazard statements

H222-H229 Extremely flammable aerosol.
Pressurised container: May burst if heated.
H336 May cause drowsiness or dizziness.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P261 Avoid breathing vapours or spray.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves.
P312 Call a POISON CENTER/doctor if you feel unwell.
P410+P412 Protect from sunlight.
Do not expose to temperatures exceeding 50 °C.
P501 Dispose of contents/container to hazardous or special waste collection point.

Additional information

EUH066 Repeated exposure may cause skin dryness or cracking.
Buildup of explosive mixtures possible without sufficient ventilation.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT Not applicable.

vPvB Not applicable.

3.2 Mixtures

Description Mixture of substances listed below with non-hazardous additions.

Dangerous components

EC number: 919-857-5 Reg.nr.: 01-2119463258-33-xxxx.	Hydrocarbons C9-C11, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics. Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT SE 3, H336.	50-<100%
CAS: 75-28-5 EINECS: 200-857-2 Reg.nr.: 01-2119485395-27-xxxx.	Isobutane. Flam. Gas 1, H220; Press. Gas C, H280.	20-<25%
CAS: 74-98-6 EINECS: 200-827-9 Reg.nr.: 01-2119486944-21-xxxx.	Propane. Flam. Gas 1, H220; Press. Gas C, H280.	10-<20%
CAS: 106-97-8 EINECS: 203-448-7 Reg.nr.: 01-2119474691-32-xxxx.	Butane. Flam. Gas 1, H220; Press. Gas C, H280.	2.5-<5%

Regulation (EC) No 648/2004 on detergents / Labelling for contents

Aliphatic hydrocarbons. ≥ 30%

Additional information For the wording of the listed hazard phrases refer to section 16.

04 First aid measures

4.1 Description of first aid measures

After inhalation Supply fresh air; consult doctor in case of complaints.

Take affected persons into fresh air and keep quiet.

After skin contact Immediately wash with water and soap and rinse thoroughly.

Immediately remove any clothing soiled by the product.

After eye contact Rinse opened eye for several minutes under running water.

If symptoms persist, consult a doctor.

After swallowing Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

05 Firefighting measures

5.1 Extinguishing media

Suitable

extinguishing agents Foam.
Fire-extinguishing powder.
Carbon dioxide.

For safety

reasons unsuitable

extinguishing agents Water with full jet.

5.2 Special hazards arising from the substance or mixture

Can form explosive gas-air mixtures.
Formation of toxic gases is possible during heating or in case of fire.

5.3 Advice for firefighters

Protective equipment Wear self-contained respiratory protective device.

Additional information Cool endangered receptacles with water spray.
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation.

Keep away from ignition sources.

6.2 Environmental precautions

No special measures required.

Do not allow to enter sewers/surface or ground water.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Ensure adequate ventilation.

6.4 Reference to other sections

See Section 13 for disposal information.

07 Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Avoid contact with skin and eyes.

Information about fire and

explosion protection Keep ignition sources away - Do not smoke.

Pressurised container Protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.

7.2 Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and receptacles Observe official regulations on storing packagings with pressurised containers.

Information about storage in one common storage facility Not required.

Further information about storage conditions Protect from heat and direct sunlight.

7.3 Specific end use(s)

No further relevant information available.

08 Exposure controls/ personal protection

Additional information about design of technical facilities No further data; see item 7.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace

106-97-8 butane

WEL	Short-term value 1810 mg/m ³ , 750 ppm.
	Long-term value 1450 mg/m ³ , 600 ppm.
	Carc (if more than 0.1% of buta-1.3-diene).

Additional information The lists valid during the making were used as basis.

8.2 Exposure controls

Personal protective equipment

General protective and hygienic measures

Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Do not inhale gases / fumes / aerosols.
Avoid contact with the eyes and skin.

Respiratory protection

Not necessary if room is well-ventilated.

Recommended filter device for short term use

Filter AX.

Protection of hands

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Material of gloves

Nitrile rubber, NBR
Recommended thickness of the material: ≥ 0.7 mm.

Penetration time of glove material

≥ 240 min
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection



Tightly sealed goggles

Body protection

Protective work clothing.

9.1 Information on basic physical and chemical properties

General Information

Appearance

- **Form** Aerosol.
- **Colour** Colourless.

Odour Solvent-like.

Change in condition

- **Melting point / Melting range** Undetermined.
- **Boiling point / Boiling range** Not applicable, as aerosol.

Flash point Not applicable, as aerosol.

Ignition temperature >200 °C

Explosive properties Product is not explosive.
However, formation of explosive air/vapour mixtures are possible.

Density at 20 °C 0.65991 g/cm³

Solubility in/ Miscibility with water Not miscible or difficult to mix.

Viscosity

- **Dynamic** Not determined.
- **Kinematic** Not determined.
- **Organic solvents:** 100.0 %
- **VOC (EC)** 659.9 g/l

Solids content 0.0 %

9.2 Other information

No further relevant information available.

10.1 Reactivity

No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

No further relevant information available.

10.5 Incompatible materials

No further relevant information available.

10.6 Hazardous decomposition products

Aldehyde.
Carbon monoxide and carbon dioxide.

11 Toxicological information

11.1 Information on toxicological effects

Acute toxicity LD/LC50 values relevant for classification:

ATE (Acute Toxicity Estimates)

Inhalative	LC50/4 h	25.8 mg/l (rat)
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Primary irritant effect:

- **Skin corrosion / irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage / irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.

STOT-single exposure May cause drowsiness or dizziness.

STOT-repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard May be fatal if swallowed and enters airways.

12 Ecological information

12.1 Toxicity

Aquatic toxicity No further relevant information available.

12.2 Persistence and degradability

No further relevant information available.

12.3 Bioaccumulative potential

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

Additional ecological information

- **General notes** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow product to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment

PBT Not applicable.

vPvB Not applicable.

12.6 Other adverse effects

No further relevant information available.

13.1 Waste treatment methods

Recommendation Must not be disposed together with household garbage.
Do not allow product to reach sewage system.

European waste catalogue

16 05 04 Gases in pressure containers (including halons) containing dangerous substances

15 01 04 Metallic packaging

Uncleaned packaging

Recommendation Disposal must be made according to official regulations.

14 Transport information

14.1 UN-Number

ADR/RID/ADN, IMDG, IATA UN1950.

14.2 UN proper shipping name

ADR/RID/ADN 1950 AEROSOLS.

IMDG AEROSOLS.

IATA AEROSOLS, flammable.

14.3 Transport hazard class(es)

ADR/RID/ADN



Class
2.5F Gases.

Label
2.1

IMDG, IATA



Class
2.1

Label
2.1

14.4 Packing group

ADR/RID/ADN, IMDG, IATA Void.

14.5 Environmental hazards

Marine pollutant No

14.6 Special precautions for user

Warning Gases.

Danger code (Kemler) –

EMS Number F-D,S-U

Stowage Code

SW1 Protected from sources of heat.

SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A.

For AEROSOLS with a capacity above 1 litre: Category B.

For WASTE AEROSOLS: Category C, Clear of living quarters.

Segregation Code

SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4.

For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2.

For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.

14.7 Transport in bulk according to Annex II of

MARPOL73/78 and the IBC Code Not applicable.

Transport/Additional information

ADR/RID/ADN

• **Limited quantities (LQ)** 1L

• **Excepted quantities (EQ)** Code: E0
Not permitted as Excepted Quantity

Transport category 2

Tunnel restriction code D

IMDG

Limited quantities (LQ) 1L

Excepted quantities (EQ) Code: E0
Not permitted as Excepted Quantity

UN "Model Regulation" UN1950, AEROSOLS, 2.1

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

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

Seveso category P3a FLAMMABLE AEROSOLS

Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t

Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t

REGULATION (EC)

No 1907/2006 ANNEX XVII

Conditions of restriction: 3

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H220	Extremely flammable gas.
H226	Flammable liquid and vapour.
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.

Department issuing MSDS

Product safety department.

Contact

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Abbreviations and acronyms

RID	Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
ICAO	International Civil Aviation Organisation
ADR	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG	International Maritime Code for Dangerous Goods
IATA	International Air Transport Association
GHS	Globally Harmonised System of Classification and Labelling of Chemicals
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
CAS	Chemical Abstracts Service (division of the American Chemical Society)
VOC	Volatile Organic Compounds (USA, EU)
LC50	Lethal concentration, 50 percent
LD50	Lethal dose, 50 percent
PBT	Persistent, Bioaccumulative and Toxic
vPvB	very Persistent and very Bioaccumulative
Flam. Gas 1	Flammable gases - Category 1
Aerosol 1	Aerosols - Category 1
Press. Gas C	Gases under pressure: Compressed gas
Flam. Liq. 3	Flammable liquids - Category 3
STOT SE 3	Specific target organ toxicity (single exposure) - Category 3
Asp. Tox. 1	Aspiration hazard - Category 1

***Data compared to the previous version altered.**

END of safety data sheet.