

Date: 16.08.2022

Replaces: N/A

Ref: 0547.0.AFT/DL

SAFETY DATA SHEET

OBI Universal Cleaner

SECTION 1; IDENTIFICATION OF THE SUBSTANCES/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name OBI Universal Cleaner

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

Identified uses Degreaser

1.3 Details of the supplier of the safety data sheet

Company name: Siroflex Limited
Company address: Dodworth Business Park,
Dodworth, Barnsley,
South Yorkshire
S75 3SP

1.4 Emergency telephone number

+44 (0) 1226 771 600
(Office Hours Only)

SECTION 2; HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and chemical hazards	Extremely flammable aerosol.- H222
Human health	H315 Skin Irrit 2 H304 Asp Tox 1 H336 STOT SE 3
Environmental hazards	H411 Aquatic Chron 2

The full text for all Hazard Statements is displayed in Section 16.

2.2 Label Elements

Label in Accordance with (EC) No. 1272/2008

CONTAINS: HYDROCARBOND#S C6, ISOALKANES, N-ALKANES, CYCLICS
ORANGE TERPENES



Signal word`

Danger

Hazard statements

H222	Extremely flammable aerosol.
H229	Pressurized container: may burst if heated

- H304 May be fatal if swallowed and enters airways
- H315 Causes skin irritation.
- H336 May cause drowsiness or dizziness
- H411 Toxic to aquatic life with long lasting effects

Precautionary Statements

- 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 Pressurized container: Do not pierce or burn, even after use.
- P261 Avoid breathing vapours/spray.
- P262 Do not get in eyes, on skin, or on clothing .
- P264 Wash skin thoroughly after handling.
- P271 Use only outdoors or in a well ventilated
- P280 Wear protective gloves/protective clothing/eye protection/face protection

Supplementary precautionary statements

- P273 Avoid release to the environment.
- P301+310 IF SWALLOWED: immediately call a poison centre, or a doctor/physician.
- P302+352 IF ON SKIN: Wash with plenty of soap and water.
- P304+340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue Rinsing.
- P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- P332+313 If skin irritation occurs; Get medical advice/attention.
- P403+235 Store in a well ventilated place. Keep cool.
- P405 Store locked up.
- P410+412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
- P501 Dispose of contents/container in accordance with local Regulations.

Supplement label information

2.3. Other hazards

Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122°F. Do not pierce or burn even after use. Do not spray on naked flame or any incandescent material – NO SMOKING.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

PETROLEUM GASES LIQUIFIED	40-60%
CAS- No: 68476-85-7 EC No: 270-704-2 Classification (EC 1272/2008) Flam. Gas 1 – H220	
HYDROCARBONS, C6, ISOALKANES, N-ALKANES, CYCLICS	20-40%
CAS- No: 64742-49-0 EC No: 927-510-4 REACH REG: 01-2119475515-33-XXXX Classification (EC 1272/2008) Flam Liqu 2-H225 Asp Tox 1-H304 Aquatic Chronic 2-H411 Skin Irrit 2-H315 STOT SE 3 – H336	
N-HEXANE	<4%
CAS No: 110-54-3 EC No: 203-777-6 Classification (EC 1272/2008) Flam Liqu 2-H225 Repr 2-H361f	

Asp Tox 1 – H304
Aquatic Chronic 2-H411
Skin Irrit 2 – H315
STOT SE 3 – H336

2-PROPANONE

5-10%

CAS No: 67-64-1 EC No: 200-662-2
Classification (EC 1272/2008)
Flam Liqu 2 – H225
Eye Irrit 2 – H319
STOT SE 3-H336

The full text for all hazard statements is displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General information

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

Inhalation

Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

Ingestion

DO NOT induce vomiting. Rinse mouth with water. Get prompt medical attention.

Skin contact

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues. Repeated skin contact may result in irritation and dermatitis. Always wear protective gloves suitable for this product.

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek immediate medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Risk of lung aspiration due to low viscosity of product

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Extinguishing media

Fire can be extinguished using: foam; carbon dioxide; dry powder or other inert material. Do not use high pressure water jet because this may spread the fire.

5.2 Special hazards arising from the substance or mixture

Unusual fire & Explosion hazards.

Aerosol cans may explode in fire.

Carbon Oxides

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear appropriate protective equipment. Avoid breathing vapours. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to a safe area.

6.2 Environmental precautions

Discharge into the environment must be avoided. Do not allow to enter drains.

6.3 Methods and material for containment and cleaning up

Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Let evaporate. Keep out of confined spaces because of explosion risk. If leakage cannot be stopped, evacuate area.

6.4 Reference to other sections

Wear protective clothing as described in section 8 of this safety data sheet. Avoid inhalation of vapour or mist; avoid contact with skin or eyes.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

7.2. Conditions for safe storage, including any incompatibilities

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C/122°F

7.3 Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

	STD	TWA – 8 Hrs		STEL – 15 Min		Notes
PETROLEUM GASES LIQUIFIED	WEL	1,000 ppm	1,250 mg/m ³	1,250 ppm	2,180 mg/m ³	UK EH40 WEL
N-HEXANE	WEL			20 ppm	72 mg/m ³	UK EH40 WEL
2-PROPANONE	WEL	1,500ppm	3,260 mg/m ³	500 ppm	1,210 mg/m ³	

WEL = Workplace exposure limit.

8.2 Exposure controls

Protective equipment



Engineering measures

Provide adequate general and local exhaust ventilation.

Respiratory equipment

If ventilation is inadequate, suitable respiratory protection must be worn. Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Use respirators and components tested and approved under appropriate government standards such as CEN (EU).

Hand protection

Use protective gloves. These should satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it

Eye protection

Wear splash proof goggles to prevent any possibility of eye contact. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU)

Other protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- (a) Appearance Colourless liquid.
- (b) Odour Characteristic
- (c) Odour Threshold No data available

(d) pH	No data available
(e) Melting point/freezing point	No data available
(f) Initial boiling point and boiling range	-40 (°C)
(g) Flash point	Estimated at -35°C
(h) Evaporation point	No data available
(i) Flammability (solid gas)	No data available
(j) Upper/lower flammability Or explosive limits	No data available
(k) Vapour pressure	No data available
(l) Vapour density	No data available
(m) Relative density	No data available
(n) Water solubility	Fully miscible.
(o) Partition coefficient n-octanol/water	No data available
(p) Auto-ignition temperature	No data available
(q) Decomposition temperature	No data available
(r) Viscosity	No data available
(s) Explosive properties	No data available
(t) Oxidising properties	No data available.

9.2 Other information

Aerosol pressurised to 70psi

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No data available.

10.2 Chemical stability

No data available.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Avoid heat, flames and other sources or ignition.

10.5 Incompatible materials

Materials to avoid

Strong acids, strong oxidising substances and strong alkalis. All sources of ignition.

10.6 Hazardous decomposition products

Carbon monoxide if incomplete combustion.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

HYDROCARBONS, C6, ISOALKANES, N-ALKANES, CYCLICS

Acute toxicity

Symptoms: Nausea, Vomiting
absorption (naphtha (petroleum), hydrotreated light)

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

No data available

slight irritation (naphtha (petroleum), hydrotreated light)

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure

No data available

Aspiration hazard

No data available

2-PROPANONE

Acute Toxicity

LD₅₀ Oral – Rat - >5,800 mg/kg

Inhalation

LD₅₀ Inhalation – Rat – 50,1000 mg/m³

Skin corrosion/irritation

Skin – Rabbit

Result: Mild skin irritaion – 24 h

(Draize Test)

Eye contact

Eyes – Rabbit

Result: Irritating to eyes – 24 hr

(Draize Test)

Carcinogenicity

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP or EPA classification.

Specific Target Organ Toxicity – Single Exposure

No data available

Specific Target Organ Toxicity – Repeated Exposure

No data available

Aspiration Hazard

No data available.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

This product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful effect upon the environment.

12.1 Toxicity

HYDROCARBONS, C6, ISOALKANES, N-ALKANES, CYCLICS

No data available

2-PROPANONE

Toxicity to fish LC₅₀ – Oncorhynchus mykiss (rainbow trout) – 5.540 mg/l – 96 hr

Toxicity to daphnia and other

Aquatic invertebrates: EC₅₀ – Daphnia magna (Water flea) – 8,800 mg/l – 48 hr

12.2 Persistence and degradability

No data available

12.3 Bio accumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB Assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

No data available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Empty containers must not be burned because of explosion hazard.

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

14.1 UN Number

UN No. (ADR/RID/ADN)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950

14.2 UN proper shipping name

Proper shipping name AEROSOLS

14.3 Transport hazard class(es)

ADR/RID/ADN class	2.1
ADR/RID/ADN class	Class 2: Gases
ADR Label No	2.1
IMDG Class	2.1
ICAO Class/division	2.1
CEPIC TEC® No	20GSF
Air Class	2.1
UK Road Class	2.1
Transport labels	L.Q.



14.4 Packing group

Not applicable.

14.5 Environmental hazards

Environmentally hazardous substance/marine pollutant.

14.6 Special precautions for user

Overland Transport

Classification Code (ADR):	5F	
Special Provisions (ADR):		190,327,344,625
Limited Quantities (ADR):		1I
Excepted Quantities (ADR):		E0
Packing Instructions (ADR):		P207,LP02
Special Packing provisions (ADR):		PP87, RR6, L2
Mixed Packing provisions (ADR):		MP9
Transport Strategy (ADR):		2
Special provisions for carriage – Packages (ADT)		V14
Special Provisions for carriage – Loading, unloading and handling (ADR):		CV9, CV12
Special provisions for carriage – Operation (ADR):		S2
Tunnel Restriction Code:		D

Transport by Sea

Special Provisions (IMDG):	63,190,277,327,344,959
Limited Quantities (IMDG):	SP277
Excepted Quantities (IMDG):	E0
Packing Instructions (IMDG):	P207,LP02

Special Packing provisions (IMDG):	PP87,L2
EmS-No (Fire):	F-D
EmS-No (Spillage):	S-U
Stowage category (IMDG):	None
Stowage and Handling (IMDG):	SW1,SW22
Segregation (IMDG):	SG69
MFAG-No:	126
<u>Air Transport</u>	
PCA Excepted Quantities (IATA):	E0
PCA Limited Quantities (IATA):	Y203
PCA Limited Quantity max net quantity (IATA):	30KgG
PCA Packing instructions (IATA):	203
PCA max net quantity (IATA):	75Kg
CAO packing instructions (IATA):	203
CAO max net quantity (IATA):	150Kg
Special provisions (IATA):	A145,A167,A802
ERG Code (IATA):	10L
<u>Inland Waterway Transport</u>	
Classification Code (ADN):	5F
Special Provisions (ADN):	190,327,344,625
Limited Quantities (ADN):	1 L
Excepted Quantities (ADN):	E0
Equipment required (ADN):	PP,EX,A
Ventilation (ADN):	VE01,VE04
Number of blue cones/lights (ADN):	1
<u>Rail Transport</u>	
Classification Code (RID):	5F
Special Provisions (RID):	190,327,344,625
Limited Quantities (RID):	1L
Excepted Quantities (RID):	E0
Packing Instructions (RID):	P207,LP02
Special Packing provisions (RID):	PP87,RR6,L2
Mixed Packing provisions (RID):	MP9
Transport Category (RID):	2
Special Provisions for carriage – Packages (RID):	W14
Special Provisions for carriage – Loading, unloading and handling (RID):	CW9, CW12
Colis Express (express parcels) (RID):	CE2
Hazard Identification No (RID):	23

14.7 transport in bulk according to Annex II of MARPOL73/78 and the IBC code.

Not applicable

SECTION 15: REGULATORY INFORMATION

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

Labelling according to Regulation (EC) No 1272/2008

The chemicals (Hazard information and packaging for supply) regulations 2009 (S.I 2009 No. 716). Control of substances hazardous to health.

Approved code of practice.

Guidance notes

Workplace exposure limits EH40.

15.1.1 EU-Regulations

Contains no REACH substances with Annex XVII restrictions.

Contains no REACH Annex XIV substances.

15.1.2 National Regulations

No additional information available.

15.2 Chemical safety assessment

A chemical safety assessment was not carried out for this product,.

SECTION 16: OTHER INFORMATION

General information

This product should be used as directed. For further information consult the product data sheet or contact technical services.

Information sources

This safety data sheet was compiled using current safety information supplied by distributor raw materials.

Hazard Statements in full

H220	Extremely flammable gas
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction.
H336	May cause drowsiness or dizziness
H361f	Suspected of damaging fertility
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

Abbreviations

Asp Tox 1	Aspiration Toxicity Category 1
Flam Aerosol 1	Flammable aerosol category 1
Skin Irrit 2	Skin irritant category 2
Flam Gas 1	Flammable gas category 1
Flam Liqu 2	Flammable liquid category 2
Aquat Chron 2	Aquatic Toxicity Category 2
STOT SE 3	Specific Target Organ Toxicity Single Exposure Category 3
LC50	Lethal concentration 50%
LD50	Lethal Dose 50%
PBT	Persistent, Bioaccumulative and Toxic
vPvB	Very Persistent and Very Bioaccumulative

ISSUE: Issue 4.2

LAST REVIEWED: AUGUST 2021

DISCLAIMER

The Information provided herein, especially recommendations for the usage and the application of this products, is provided in good faith, and no liability on the part of Siroflex/Bostik is stated or implied. No employee of Siroflex/Bostik has the authority to waive or alter in any way the content of this document.

Due to different materials used, as well as to varying working conditions, production techniques, and the requirements of the end users, all of which are beyond our control, we strongly recommend that thorough and extensive trials are carried out in order to test the suitability of our products with regard to the required processes and applications. This should also include an ageing test which should be applied to all substrates used.

It is also the responsibility of the purchaser and end user of this product to ensure that all appropriate actions necessary for the protection of the environment, and for the health and safety of their employees are observed.

This datasheet replaces all former versions