

SAFETY DATA SHEET*(Regulation (EU) 2020/878 amending the annex II of REACH regulation.)***Mr Muscle® Oven Cleaner**

Version 2.0

Revision Date 04.11.2022

Print Date 04.11.2022

Specification Number: 350000008112

SITE FORM Number: 30000000000000007098.004

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier** : Mr Muscle® Oven Cleaner**UFI** : CFFQ-C0GV-200X-PDF7**1.2 Relevant identified uses of the substance or mixture and uses advised against****Use of the Substance/Mixture** : Washing and cleaning products (including solvent based products)**Uses advised against** : None known.**1.3 Details of the supplier of the safety data sheet** : Allegro Ltd
Nexus Bldg Blanchardstown Corporate Park 1
D15 N5DX**Telephone** : +3531800409176**E-mail address** : ask.uk@scj.com**1.4 Emergency telephone number** : Consumer Care CenterUK - 0800 353 353
Ireland - 1800 409 176Poison Centre:
Ireland - (01)809 2166
Available 8.00 a.m. to 10.00 p.m. 7 days a week**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

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

Hazard classification	Hazard category	Hazards identification
Aerosol	Category 3	Pressurised container: May burst if heated.
Skin corrosion	Category 1C	Causes severe skin burns and eye damage.
Serious eye damage	Category 1	Causes serious eye damage.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 (CLP)

Hazard symbols

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**Signal word**

Danger

Contains

caustic soda

Hazard statements

(H229) Pressurised container: May burst if heated.
(H314) Causes severe skin burns and eye damage.

Precautionary statements

(P101) If medical advice is needed, have product container or label at hand.
(P102) Keep out of reach of children.
(P310) Immediately call a POISON CENTER/doctor.
(P305 + P351 + P338) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
(P301 + P330 + P331) IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
(P303 + P361 + P353) IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
(P304 + P340) IF INHALED: Remove person to fresh air and keep comfortable for breathing.
(P405) Store locked up.
(P410 + P412) Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.
(P501) Dispose of contents /container in accordance with local regulations.
(P264) Wash hands thoroughly after handling.
(P210) Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
(P251) Do not pierce or burn, even after use.
(P260) Do not breathe spray.
(P280) Wear protective gloves / eye protection.

Additional Labelling

Use only in well-ventilated areas.
Use only as directed.
4% By mass of contents are flammable.

Detergents regulations

: **Contains**
< = 5% aliphatic hydrocarbons, Polycarboxylates, Anionic surfactants,
perfume , Limonene

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2.3 Other hazards

: Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal. Excessive exposure to spray mist, fog or vapour may cause respiratory irritation.

Endocrine Disruptor

The mixture does not contain any substances >0.1% that are included in the list established in accordance with Article 59(1) for having endocrine disrupting properties

PBT and vPvB substance

The mixture does not contain any substances >0.1% that meet the criteria for persistent, bioaccumulative and toxic or very persistent and very bioaccumulative in accordance with Annex XIII.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Mixtures****Hazardous components:**

Chemical name	CAS-No./EC-No.	Reg. No.	Classification according to Regulation (EC) No 1272/2008 (CLP)	Weight percent	Specific Concentration limits, M-Factors, Acute Toxicity Estimates (ATE)
caustic soda	1310-73-2 / 215-185-5	01-2119982981-22	Skin corrosion Category 1A H314 Serious eye damage Category 1 H318	>= 1.00 - < 5.00	<u>ATE:</u> Oral = 325 mg/kg Species: Rat Dermal = 1,350 mg/kg Species: Rabbit <u>SCL:</u> Skin corrosion H314 >= 5 % Skin corrosion H314 2 - < 5 % Skin irritation H315 0.5 - < 2 % Eye irritation H319 0.5 - < 2 %

WEL substance

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propane	74-98-6 / 200-827-9	01-2119486944-21	Flammable gases Category 1 H220 Gases under pressure H280	>= 0.50 - < 1.00	ATE : Oral = > 2,000 mg/kg Species: Rat Dermal = > 2,000 mg/kg Species: Rabbit
butane	106-97-8 / 203-448-7	01-2119474691-32	Flammable gases Category 1 H220 Gases under pressure H280	>= 0.00 - < 0.10	ATE : Oral = > 2,000 mg/kg Species: Rat Dermal = > 2,000 mg/kg Species: Rabbit

Additional Information

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

SECTION 4: FIRST AID MEASURES**4.1 Description of first aid measures**

- Inhalation : Move to fresh air.
If breathing is affected, get medical attention.
- Skin contact : Take off all contaminated clothing immediately.
Immediately flush skin with large amounts of water.
Get medical attention if irritation develops and persists.
Wash contaminated clothing before re-use.
- Eye contact : Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
Flush immediately with plenty of water for at least 15 to 20 minutes.
- Ingestion : Do NOT induce vomiting.
Rinse mouth with water.
Get medical attention immediately.
Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

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Eyes	:	Causes serious eye damage. No adverse effects expected when used as directed.
Skin effect	:	Causes severe skin burns. No adverse effects expected when used as directed.
Inhalation	:	Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal. May cause respiratory tract irritation. No adverse effects expected when used as directed.
Ingestion	:	Causes digestive tract burns.

4.3 Indication of any immediate medical attention and special treatment needed

See Description of first aid measures unless otherwise stated.

SECTION 5: FIREFIGHTING MEASURES**5.1 Extinguishing media**

Suitable	:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable	:	None identified

5.2 Special hazards arising from the substance or mixture

:	Heating may cause an explosion. In case of fire and/or explosion do not breathe fumes. Exposure to decomposition products may be a hazard to health.
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5.3 Advice for firefighters

:	In the event of fire, wear self-contained breathing apparatus. Wear suitable protective clothing and gloves. Refer to current EN or National standard as appropriate.
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SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

:	Use personal protective equipment. Remove all sources of ignition.
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6.2 Environmental precautions

:	Outside of normal use, avoid release to the environment. Prevent large amounts of product from entering drains. Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective
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authorities.

Use appropriate containment to avoid environmental contamination.

6.3 Methods and materials for containment and cleaning up

- : If damage occurs to aerosol can:
Clean residue from spill site.
Dike large spills.
Use only non-sparking equipment.

6.4 Reference to other sections

- : For personal protection see section 8.
For disposal considerations see section 13.

SECTION 7: HANDLING AND STORAGE**7.1 Precautions for safe handling**

- : For personal protection see section 8.
Do not breathe vapours or spray mist.
Avoid contact with skin and eyes.
Smoking, eating and drinking should be prohibited in the application area.
Wear personal protective equipment.
Do not use in areas without adequate ventilation.
Do not puncture.
Do not spray on a naked flame or any incandescent material.

7.2 Conditions for safe storage, including any incompatibilities

- : Do not freeze.
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.
Keep out of the reach of children.
Store away from food, beverages and pet food.
No decomposition if stored and applied as directed.

7.3 Specific end use(s)

- : Consumer uses: Private households (= general public = consumers)
Washing and cleaning products (including solvent based products)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters****Occupational Exposure Limit Values**

Components	CAS-No.	mg/m3	ppm	Form of exposure	List
caustic soda	1310-73-2	2 mg/m3			IE_STELS
propane	74-98-6		3,000 ppm		IE_STELS
butane	106-97-8		3,000 ppm		IE_STELS
			1,000 ppm		IE_TWAS

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Refer to current EN or National standard as appropriate.

8.2 Exposure controls

- | | | |
|---------------------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Respiratory protection | : | In the case of dust or aerosol formation use respirator with an approved filter. |
| Hand protection | : | Wear suitable gloves.
Nitrile gloves – Thickness 0.12mm; Breakthrough time >2 hours.
The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.
Before removing gloves clean them with soap and water. |
| Eye/face protection | : | Safety glasses |
| Skin and body protection | : | Wash contaminated clothing before re-use. |
| Other information | : | Wash hands before breaks and at the end of workday. |
| Environmental Exposure Controls | : | Refer to section 6. |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

- | | | |
|-----------------------------------------|---|---------------------|
| Appearance | : | aerosol |
| Colour | : | white |
| Odour | : | Functional |
| pH | : | 14 |
| Melting point/freezing point | : | <-20°C |
| Initial boiling point and boiling range | : | > 100°C |
| Flash point | : | 64 °C |
| Flammability (solid, gas) | : | Sustains combustion |
| Lower flammability or explosive limits | : | 9.5 %(V) |
| Upper flammability or explosive limits | : | 18 %(V) |
| Vapour density | : | 1.86 - 2.54 |

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Relative density	: 1 g/ml
Solubility(ies)	: soluble
Partition coefficient: n-octanol/water	: Not required as the product is a mixture.
Auto-ignition temperature	: 363 °C
Decomposition temperature	: Not measured as mixture is not self-reactive
Viscosity, kinematic	: 390 - 600 mm ² /s
Particle Characteristics	: Not required as mixture is a liquid

9.2 Other information

Other information : not required

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	: No dangerous reaction known under conditions of normal use.
10.2 Chemical stability	: Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions	: None known.
10.4 Conditions to avoid	: Extremes of temperature and direct sunlight.
10.5 Incompatible materials	: Do not mix with acids or any other household products. May release dangerous gases (chlorine).
10.6 Hazardous decomposition products	: No decomposition if stored and applied as directed.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity**

Name	Method	Species	Dose
Product	LD50 Calculated		> 2,000 mg/kg

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Acute inhalation toxicity

Name	Method	Species	Dose	Exposure time
Product	LC50 (dust and mist) Calculated		> 5 mg/l	

Acute dermal toxicity

Name	Method	Species	Dose
Product	LD50 Calculated		> 2,000 mg/kg

Skin corrosion/irritation	:	Causes severe skin burns. Corrositex
Serious eye damage/eye irritation	:	Causes serious eye damage.
Skin sensitisation	:	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	:	Based on available data, the classification criteria are not met.
Carcinogenicity	:	Based on available data, the classification criteria are not met.
Toxicity for reproduction	:	Based on available data, the classification criteria are not met.
STOT - single exposure	:	Based on available data, the classification criteria are not met.
STOT - repeated exposure	:	Based on available data, the classification criteria are not met.
Aspiration hazard	:	Based on available data, the classification criteria are not met.

11.2 Information on other hazards

Endocrine Disrupting Properties	:	The mixture does not contain any substances >0.1% that are included in the list established in accordance with Article 59(1) for having endocrine disrupting properties
Other information	:	None identified

SECTION 12: ECOLOGICAL INFORMATION**Product** : The product itself has not been tested.

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12.1 Toxicity**Toxicity to fish**

Components	End point	Species	Value	Exposure time
caustic soda	LC50	Fish	35 - 189 mg/l	96 h
propane	LC50 QSAR	Fish	49.9 mg/l	96 h
butane	LC50 QSAR	Fish	24.11 mg/l	96 h

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
caustic soda	EC50	Daphnia magna (Water flea)	40.4 mg/l	48 h
propane	LC50	Daphnid	27.14 mg/l	48 h
butane	EC50 QSAR	Daphnid	14.22 mg/l	48 h

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
caustic soda	No data available			
propane	EC50	Green algae	11.89 mg/l	96 h
butane	EC50 QSAR	Green algae	7.71 mg/l	96 h

12.2 Persistence and degradability

Component	Biodegradation	Exposure time	Summary
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caustic soda	No data available		
propane	70 %	< 10 d	Readily biodegradable.
butane	70 %	< 10 d	Readily biodegradable.

12.3 Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
caustic soda	0.89 estimated	-1.38
propane	No data available	2.36
butane	No data available	2.89

12.4 Mobility in soil

Component	End point	Value
caustic soda	No data available	
propane	No data available	
butane	No data available	

12.5 Results of PBT and vPvB assessment

Component	Results
caustic soda	Not fulfilling PBT and vPvB criteria
propane	Not fulfilling PBT and vPvB criteria
butane	Not fulfilling PBT and vPvB criteria

12.6 Endocrine Disrupting Properties : The mixture does not contain any substances >0.1% that are included in the list established in accordance with Article 59(1) for having endocrine disrupting properties

12.7 Other adverse effects : None known.

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

Product

- : Do not dispose of waste into sewer.
- Do not contaminate ponds, waterways or ditches with chemical or used container.
- Disposal should be in accordance with local, state or national

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legislation.

Please recycle empty packaging.

Packaging

: Do not re-use empty containers.

SECTION 14: TRANSPORT INFORMATION

	Land transport	Sea transport	Air transport
14.1 UN number	1950	1950	1950
14.2 UN proper shipping name	AEROSOLS, Corrosive, 2.2 (8)	AEROSOLS, Corrosive, 2.2 (8)	AEROSOLS, Corrosive, 2.2 (8)
14.3 Transport hazard class(es)	2	2	2.2
14.4 Packing group			
14.5 Environmental hazards			
14.6 Special precautions for user	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.
14.7 Maritime transport in bulk according to IMO instruments	Product not transported as bulk.	Product not transported as bulk.	Product not transported as bulk.

SECTION 15: REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

: This safety datasheet complies with the requirements of:

Regulation (EC) No. 1907/2006.

Regulation (EC) No. 1272/2008 (CLP) as amended (not applicable to cosmetics)

Regulation (EC) No. 528/2012 as amended (applicable to biocidal products)

Directive (EEC) No. 75/324 as amended (applicable to aerosols)

Regulation (EC) No. 1223/2009 amended (applicable to cosmetic products)

Regulation (EC) No. 684/2001 The surfactants contained in this preparation comply with the biodegradability criteria laid down in Regulation (EC) No.648/2004 for detergents (applicable to detergents).

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Directive (EC) No. 2001/95/EC - General Product Safety Directive

European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)

Directive 2012/18/EU Seveso

Regulation (EU) 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.

SZW list of carcinogenic, mutagenic and reproductively toxic substances

15.2 Chemical safety assessment : Not required for consumer products.**SECTION 16: OTHER INFORMATION**

If applicable, revision(s) are noted by the bold bars || in left-hand margin.

Key abbreviations or acronyms used

EC - European Community

EEC - European Economic Community

CLP - Classification Labelling & Packaging

EN - European Standard or European Norm

PBT - Persistent, Bioaccumulative & Toxic

vPvB - very persistent, very bioaccumulative

UN - United Nations

Evaluation methods

Unless otherwise stated in section 11, the procedure used to derive the human health classification is the relevant calculation method according to CLP regulation (EC) No 1272/2008 as amended.

Unless otherwise stated in section 12, the procedure used to derive the environmental classification is the summation of the classified components method according to CLP regulation (EC) No 1272/2008 as amended.

Full text of H-Statements

H314	Causes severe skin burns and eye damage.
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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific

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material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.