

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Revision date: 19/02/2021 Version: 10.5

Generated : 19/02/2021

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form	: Mixture
Trade name	: FOAM CLEANER
UFI	G4EF-Q0YQ-S006-QHHE
Product code	: BG050
Type of product	: Aerosol
Vaporizer	

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

1.2.1. Relevant identified uses

Main use category Industrial/Professional use spec Use of the substance/mixture

- Professional useFor professional use only
- : multi-purpose foam cleaner

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

JANGRO HOUSE WORSLEY ROAD FARNWORTH BOLTON LANCASHIRE
LANCASHIRE BL4 9LU UNITED KINGDOM

JANGRO LTD EUROPE 6-9 TRINITY STREET DUBLIN 2 D02 EY47 EIRE Tel: 01 617 7911

1.4. Emergency telephone number

Mon to Fri 8.30am to 5.00pm - 01204 795955

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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Aerosol, Category 1	H222;H229
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 2	H319
Full text of H statements : see section 16	

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1	272/200	B [CLP]
Hazard pictograms (CLP)	:	



: Danger

Signal word (CLP)

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Hazard statements (CLP)	: H222 - Extremely flammable aerosol.
	H229 - Pressurised container: May burst if heated.
	H315 - Causes skin irritation.
	H319 - Causes serious eye irritation.
Precautionary statements (CLP)	: 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.
	P264 - Wash hands thoroughly after handling.
	P280 - Wear eye protection, protective gloves.
	P302+P352 - IF ON SKIN: Wash with plenty of soap, water.
	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove
	contact lenses, if present and easy to do. Continue rinsing.
	P337+P313 - If eye irritation persists: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
propan-2-ol; isopropyl alcohol; isopropanol substance with national workplace exposure limit(s) (IE, GB)	(CAS-No.) 67-63-0 (EC-No.) 200-661-7 (EC Index-No.) 603-117-00-0 (REACH-no) 01-2119457558-25	10 – 15	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
butane substance with national workplace exposure limit(s) (IE, GB)	(CAS-No.) 106-97-8 (EC-No.) 203-448-7 (EC Index-No.) 601-004-00-0 (REACH-no) 01-2119474691-32	1 – 5	Flam. Gas 1A, H220 Press. Gas
propane substance with national workplace exposure limit(s) (IE)	(CAS-No.) 74-98-6 (EC-No.) 200-827-9 (EC Index-No.) 601-003-00-5 (REACH-no) 01-2119486944-21	1 – 5	Flam. Gas 1A, H220
2-aminoethanol; ethanolamine substance with national workplace exposure limit(s) (IE, GB); substance with a Community workplace exposure limit	(CAS-No.) 141-43-5 (EC-No.) 205-483-3 (EC Index-No.) 603-030-00-8 (REACH-no) 01-2119486455-28	1 – 5	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:vapour), H332 Skin Corr. 1B, H314
1-methoxy-2-propanol; monopropylene glycol methyl ether	(CAS-No.) 107-98-2 (EC-No.) 203-539-1 (EC Index-No.) 603-064-00-3 (REACH-no) 01-2119457435-35	1 – 5	Flam. Liq. 3, H226 STOT SE 3, H336
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	(CAS-No.) 2372-82-9 (EC-No.) 219-145-8 (REACH-no) 01-2119980592-29	< 0.1	Acute Tox. 3 (Oral), H301 Skin Corr. 1B, H314 STOT RE 2, H373 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1)

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Specific concentration limits:		
Name	Product identifier	Specific concentration limits
2-aminoethanol; ethanolamine	(CAS-No.) 141-43-5 (EC-No.) 205-483-3 (EC Index-No.) 603-030-00-8 (REACH-no) 01-2119486455-28	(5 ≤C ≤ 100) STOT SE 3, H335

Product subject to CLP Article 1.1.3.7. The disclosure rules of the components is modified in this case. Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures	
First-aid measures general	: Get medical advice/attention if you feel unwell.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Do NOT induce vomiting. Rinse mouth. Drink plenty of water. Get medical advice/attention.
4.2. Most important symptoms and ef	fects, both acute and delayed
Symptoms/effects Symptoms/effects after inhalation Symptoms/effects after skin contact Symptoms/effects after eye contact	 Not expected to present a significant hazard under anticipated conditions of normal use. High concentration of vapours may induce: headache, nausea, dizziness. Repeated exposure may cause skin dryness or cracking. Causes eye irritation.

: May cause a light irritation of the linings of the mouth, throat, and gastrointestinal tract.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Symptoms/effects after ingestion

SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Carbon dioxide. Dry powder. Foam.
5.2. Special hazards arising from the substance or mixture	
Fire hazard Explosion hazard	Extremely flammable aerosol.Explosion risk in case of fire.
5.3. Advice for firefighters	
Firefighting instructions	: Use water spray or fog for cooling exposed containers.

SECTION 6: Accidental release measures		
6.1. Personal precautions, protective equipm	ent and emergency procedures	
General measures	Remove ignition sources.	
6.1.1. For non-emergency personnel		
Emergency procedures :	Evacuate unnecessary personnel.	
6.1.2. For emergency responders		
Protective equipment :	Use personal protective equipment as required.	

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6.2. Environmental precautions	
Avoid release to the environment.	
6.3. Methods and material for conta	ainment and cleaning up
For containment Methods for cleaning up	Collect spillage.Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.
6.4. Reference to other sections	

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

SECTION 7: Handling and storage	9
7.1. Precautions for safe handling	
Additional hazards when processed Precautions for safe handling Hygiene measures	 Do not pierce or burn, even after use. Do not spray on an open flame or other ignition source. Do not eat, drink or smoke when using this product.
7.2. Conditions for safe storage, inclu	uding any incompatibilities
Technical measures Storage conditions	 Does not require any specific or particular technical measures. Keep away from ignition sources. Protect from sunlight. Do not expose to temperatures
Incompatible products	exceeding 50 °C/122 °F. : Oxidizing agent. Strong acids. Strong bases.
Incompatible materials	: Direct sunlight. Heat sources. Sources of ignition.
Special rules on packaging	: Keep only in original container.
7.3. Specific end use(s)	

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)	
Ireland - Occupational Exposure Limits	
Local name	Isopropyl alcohol
OEL TWA [2]	200 ppm
OEL STEL [ppm]	400 ppm
Notes (IE)	Sk
Regulatory reference	Code of Practice for the Chemical Agents Regulations 2018
United Kingdom - Occupational Exposure Limits	
Local name	Propan-2-ol
WEL TWA (OEL TWA) [1]	999 mg/m³
WEL TWA (OEL TWA) [2]	400 ppm
WEL STEL (OEL STEL)	1250 mg/m ³
WEL STEL (OEL STEL) [ppm]	500 ppm
Regulatory reference	EH40/2005 (Third edition, 2018). HSE

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propane (74-98-6)	
Ireland - Occupational Exposure Limits	
Local name	Propane
OEL TWA [2]	1000 ppm
Notes (IE)	Asphx

2-aminoethanol; ethanolamine (141-43-5)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	2-Aminoethanol
IOEL TWA	2.5 mg/m³
IOEL TWA [ppm]	1 ppm
IOEL STEL	7.6 mg/m³
IOEL STEL [ppm]	3 ррт
Notes	Skin
Regulatory reference	COMMISSION DIRECTIVE 2006/15/EC
Ireland - Occupational Exposure Limits	
Local name	2-Aminoethanol [Ethanolamine]
OEL TWA [1]	2.5 mg/m³
OEL TWA [2]	1 ppm
OEL STEL	7.6 mg/m³
OEL STEL [ppm]	3 ррт
Notes (IE)	Sk (Substances which have the capacity to penetrate intact skin when they come in contact with it, and be absorbed into the body), IOELV (Indicative Occupational Exposure Limit Values)
Regulatory reference	Chemical Agents Code of Practice 2020
United Kingdom - Occupational Exposure Limits	
Local name	2-Aminoethanol
WEL TWA (OEL TWA) [1]	2.5 mg/m³
WEL TWA (OEL TWA) [2]	1 ppm
WEL STEL (OEL STEL)	7.6 mg/m³
WEL STEL (OEL STEL) [ppm]	3 ppm
Remark (WEL)	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

butane (106-97-8)	
Ireland - Occupational Exposure Limits	
Local name	Butane
OEL TWA [2]	1000 ppm
United Kingdom - Occupational Exposure Limits	
Local name	Butane
WEL TWA (OEL TWA) [1]	1450 mg/m³

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butane (106-97-8)	
WEL TWA (OEL TWA) [2]	600 ppm
WEL STEL (OEL STEL)	1810 mg/m ³
WEL STEL (OEL STEL) [ppm]	750 ppm
Remark (WEL)	Carc, (only applies if Butane contains more than 0.1% of buta-1,3-diene)

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No additional information available

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:	
Safety glasses. EN 166	

8.2.2.2. Skin protection

Skin and body protection:

Not required for normal conditions of use

Hand protection:

Chemical resistant gloves (according to European standard EN 374 or equivalent). Nitrile rubber gloves

Other skin protection Materials for protective clothing:	
Not required for normal conditions of use	

8.2.2.3. Respiratory protection

Respiratory protection:

Not required for normal conditions of use

8.2.2.4. Thermal hazards

No additional information available

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8.2.3. Environmental exposure controls

No additional information available

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Aerosol.
Colour	: Colourless.
Odour	: characteristic.
Odour threshold	: No data available
pH	• •
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 0.91
Solubility	: soluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
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9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Pressurised container: May burst if heated.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Direct sunlight. Heat. Open flame.

10.5. Incompatible materials

None under normal use.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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SECTION 11: Toxicological information 11.1 Information on toxicological effects Acute toxicity (oral) : Not classified : Not classified Acute toxicity (dermal) Acute toxicity (inhalation) : Not classified Skin corrosion/irritation : Causes skin irritation. pH: 7 Serious eye damage/irritation : Causes serious eye irritation. pH: 7 Respiratory or skin sensitisation : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : Not classified : Not classified Reproductive toxicity STOT-single exposure : Not classified propan-2-ol; isopropyl alcohol; isopropanol

STOT-single exposure	May cause drowsiness or dizziness.

1-methoxy-2-propanol; monopropylene glycol methyl ether	
STOT-single exposure	May cause drowsiness or dizziness.
STOT-repeated exposure :	Not classified

N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard :	Not classified
FABRIC FOAM (SPICY)	
Vaporizer	Aerosol

SECTION 12: Ecological information	
12.1. Toxicity	
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)		
LC50 - Fish [1]	9640 mg/l	
EC50 - Other aquatic organisms [1]	13299 mg/l waterflea	
EC50 - Other aquatic organisms [2]	> 1000 mg/l	

12.2. Persistence and degradability

No additional information available

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propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)		
Partition coefficient n-octanol/water (Log Pow)	0.05	
N-(3-aminopropyl)-N-dodecylpropane-1,3-d	iamine (2372-82-9)	
Partition coefficient n-octanol/water (Log Pow)	-0.17	
12.4. Mobility in soil		
No additional information available		
12.5. Results of PBT and vPvB assessment		
No additional information available		
12.6. Other adverse effects		
No additional information available		

: Do not pierce or burn, even after use.

13.1. Waste treatment methods

Product/Packaging disposal recommendations

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

14.1 UN number	
UN-No. (ADR) UN-No. (IMDG) UN-No. (IATA)	: UN 1950 : UN 1950 : UN 1950
14.2. UN proper shipping name	
Proper Shipping Name (ADR) Proper Shipping Name (IMDG) Proper Shipping Name (IATA) Transport document description (ADR) Transport document description (IMDG) Transport document description (IATA)	 AEROSOLS AEROSOLS Aerosols, flammable UN 1950 AEROSOLS, 2.1, (D) UN 1950 AEROSOLS, 2.1 UN 1950 Aerosols, flammable, 2.1
14.3. Transport hazard class(es)	
ADR Transport hazard class(es) (ADR) Danger labels (ADR)	: 2.1 : 2.1
IMDG Transport hazard class(es) (IMDG) Danger labels (IMDG)	2 2 2 2.1 2.1

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	2
ΙΑΤΑ	
Transport hazard class(es) (IATA)	: 2.1
Danger labels (IATA)	: 2.1
	2
14.4. Packing group	•
	. Net en l'achte
Packing group (ADR) Packing group (IMDG)	: Not applicable : Not applicable
Packing group (IATA)	: Not applicable
14.5. Environmental hazards	
Dangerous for the environment	: No
Marine pollutant Other information	: No : No supplementary information available
14.6. Special precautions for user	
Overland transport	
Classification code (ADR)	: 5F
Special provisions (ADR)	: 190, 327, 344, 625
Limited quantities (ADR)	
Excepted quantities (ADR)	: E0
Packing instructions (ADR) Special packing provisions (ADR)	: P207, LP200 : PP87, RR6, L2
Mixed packing provisions (ADR)	: MP9
Transport category (ADR)	: 2
Special provisions for carriage - Packages (ADR)	: V14
Special provisions for carriage - Loading, unloading	: CV9, CV12
and handling (ADR)	
Special provisions for carriage - Operation (ADR)	: S2
Tunnel restriction code (ADR)	: D
Transport by sea	
Special provisions (IMDG)	: 63, 190, 277, 327, 344, 959
Limited quantities (IMDG)	: SP277
Excepted quantities (IMDG)	: E0 • P207 P200
Packing instructions (IMDG) Special packing provisions (IMDG)	: P207, LP200 : PP87, L2
EmS-No. (Fire)	: F-D
EmS-No. (Spillage)	: S-U
Stowage category (IMDG)	: None
Air transport	
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) ERG code (IATA)	: A145, A167, A802 : 10L

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14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

IBC code

: Not applicable.

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

15.1.2. National regulations

United Kingdom

British National Regulations

: Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008.

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of H- and EUH-statements:

Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3	
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4	
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4	
Acute Tox. 4 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 4	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4	
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1	
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
Flam. Gas 1A	Flammable gases, Category 1A	
Flam. Liq. 2	Flammable liquids, Category 2	
Flam. Liq. 3	Flammable liquids, Category 3	
Press. Gas	Gases under pressure	
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B	
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2	
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis	
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation	
H220	Extremely flammable gas.	
H222	Extremely flammable aerosol.	

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H225	Highly flammable liquid and vapour.	
H226	Flammable liquid and vapour.	
H229	Pressurised container: May burst if heated.	
H301	Toxic if swallowed.	
H302	Harmful if swallowed.	
H312	Harmful in contact with skin.	
H314	Causes severe skin burns and eye damage.	
H315	Causes skin irritation.	
H319	Causes serious eye irritation.	
H332	Harmful if inhaled.	
H335	May cause respiratory irritation.	
H336	May cause drowsiness or dizziness.	
H373	May cause damage to organs through prolonged or repeated exposure.	
H400	Very toxic to aquatic life.	
H410	Very toxic to aquatic life with long lasting effects.	

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Aerosol 1	H222;H229	On basis of test data
Skin Irrit. 2	H315	Calculation method
Eye Irrit. 2	H319	Calculation method

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.