

# SAFETY DATA SHEET

## MFC501 ANTISTATIC MULTI PURPOSE FOAM CLEANER 500ML

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1. Product identifier**

Product name MFC501 ANTISTATIC MULTI PURPOSE FOAM CLEANER 500ML  
 Product No. 003481000009

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

Identified uses Foam Cleaner

**1.3. Details of the supplier of the safety data sheet**

Supplier James Briggs Limited  
 Salmon Fields,  
 Royton,  
 Oldham, Lancashire  
 OL2 6HZ,  
 England  
 0161 627 0101  
 sds@jamesbriggs.co.uk

**1.4. Emergency telephone number**

National Emergency Telephone Number  
 Hazchem line: 0044 (0) 7970 779978

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1. Classification of the substance or mixture**

Classification (EC 1272/2008)

Physical and Chemical Hazards	Flam. Aerosol 1 - H222
Human health	Skin Sens. 1 - H317
Environment	Aquatic Chronic 3 - H412

**2.2. Label elements**

Contains ORANGE TERPENES

Detergent Labelling: < 5% Aliphatic hydrocarbons  
 non-ionic surfactants  
 anionic surfactants

Label In Accordance With (EC) No. 1272/2008



Signal Word Danger

Hazard Statements

H222	Extremely flammable aerosol.
H317	May cause an allergic skin reaction.
H412	Harmful to aquatic life with long lasting effects.

Precautionary Statements

P102	Keep out of reach of children.
P261	Avoid breathing vapour/spray.
P280	Wear protective gloves, eye and face protection.
P271	Use only outdoors or in a well-ventilated area.
P302+352	IF ON SKIN: Wash with plenty of soap and water.
P333+313	If skin irritation or rash occurs: Get medical advice/attention.
P501	Dispose of contents/container in accordance with local regulations.

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## Supplementary Precautionary Statements

P210	Keep away from heat/sparks/open flames/hot surfaces. - 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.
P363	Wash contaminated clothing before reuse.
P410+412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

## Supplemental label information

H229	Pressurised container: May burst if heated
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## 2.3. Other hazards

None noted

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

2-AMINOETHANOL		< 1%
CAS-No.: 141-43-5	EC No.: 205-483-3	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Corr. 1B - H314 STOT SE 3 - H335	Classification (67/548/EEC) C;R34 Xn;R20/21/22	
2-BUTOXYETHANOL		1-5%
CAS-No.: 111-76-2	EC No.: 203-905-0	Registration Number: 01-2119475108-36-XXXX
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	Classification (67/548/EEC) Xn;R20/21/22 Xi;R36/38	
ALCOHOL ETHOXYLATE		1-5%
CAS-No.: 68439-46-3	EC No.:	Registration Number: Polymer
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Dam. 1 - H318	Classification (67/548/EEC) Xn;R22. Xi;R41.	
AMMONIA ...%		< 1%
CAS-No.: 1336-21-6	EC No.: 215-647-6	Registration Number: 01-2119488876-14 -XXXX
Classification (EC 1272/2008) Skin Corr. 1B - H314 STOT SE 3 - H335 Aquatic Acute 1 - H400	Classification (67/548/EEC) C;R34 N;R50	

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BUTANE	5-10%
CAS-No.: 106-97-8	EC No.: 203-448-7
Registration Number: Exempt - Naturally occurring	
Classification (EC 1272/2008) Flam. Gas 1 - H220	Classification (67/548/EEC) F+;R12

  

ISOBUTANE	1-5%
CAS-No.: 75-28-5	EC No.: 200-857-2
Registration Number: Exempt - Naturally occurring	
Classification (EC 1272/2008) Flam. Gas 1 - H220	Classification (67/548/EEC) F+;R12

  

NAPHTHA (PETROLEUM), HYDROTREATED HEAVY	1-5%
CAS-No.: 64742-48-9	EC No.: 919-857-5
Registration Number: 01-2119463258-33-XXXX	
Classification (EC 1272/2008) Flam. Liq. 3 - H226 EUH066 STOT SE 3 - H336 Asp. Tox. 1 - H304	Classification (67/548/EEC) Xn;R65. R10,R66,R67.

  

ORANGE TERPENES	1-5%
CAS-No.: 8028-48-6	EC No.: 232-433-8
Registration Number: 01-2119493353-35-XXXX	
Classification (EC 1272/2008) Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548/EEC) Xn;R65. Xi;R38. N;R51/53. R10,R43.

  

PROPAN-2-OL	< 1%
CAS-No.: 67-63-0	EC No.: 200-661-7
Registration Number: 01-2119457558-25-XXXX	
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	Classification (67/548/EEC) F;R11 Xi;R36 R67

The Full Text for all R-Phrases and Hazard Statements are 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.

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## Ingestion

DO NOT INDUCE VOMITING! Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Get medical attention if any discomfort continues.

## Skin contact

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

## Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

### **4.2. Most important symptoms and effects, both acute and delayed**

#### General information

Not applicable

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

Not applicable

## SECTION 5: FIREFIGHTING MEASURES

### **5.1. Extinguishing media**

#### Extinguishing media

Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

### **5.2. Special hazards arising from the substance or mixture**

#### Unusual Fire & Explosion Hazards

Aerosol cans may explode in a fire.

### **5.3. Advice for firefighters**

#### Special Fire Fighting Procedures

Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### **6.1. Personal precautions, protective equipment and emergency procedures**

Not applicable

### **6.2. Environmental precautions**

Not applicable

### **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**

Not applicable

## 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.

### **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**

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Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
2-AMINOETHANOL	WEL	3 ppm	7.6 mg/m <sup>3</sup>	6 ppm	15 mg/m <sup>3</sup>	
2-BUTOXYETHANOL	WEL	25 ppm(Sk)		50 ppm(Sk)		
BUTANE	WEL	600 ppm	1450 mg/m <sup>3</sup>	750 ppm	1810 mg/m <sup>3</sup>	
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY			1000 mg/m <sup>3</sup>			
ORANGE TERPENES		100 ppm				
PROPAN-2-OL	WEL	400 ppm	999 mg/m <sup>3</sup>	500 ppm	1250 mg/m <sup>3</sup>	

WEL = Workplace Exposure Limit.

### 8.2. Exposure controls

Protective equipment



Engineering measures

Provide adequate general and local exhaust ventilation.

Respiratory equipment

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. Use chemical cartridge protection with appropriate cartridge.

Hand protection

Use protective gloves.

Eye protection

Use approved safety goggles or face shield.

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

Appearance	Aerosol.
Colour	Typical
Odour	Characteristic.
Flammability Limit - Lower(%)	0.8
Flammability Limit - Upper(%)	9.0

### 9.2. Other information

Not determined.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Not determined

### 10.2. Chemical stability

Stable under normal temperature conditions.

### 10.3. Possibility of hazardous reactions

Not determined.

### 10.4. Conditions to avoid

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Avoid heat, flames and other sources of ignition. Avoid contact with: Strong oxidising agents. Strong alkalis. Strong mineral acids.

## **10.5. Incompatible materials**

Materials To Avoid

See section 10.4

## **10.6. Hazardous decomposition products**

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **11.1. Information on toxicological effects**

Inhalation

May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system. Irritating to respiratory system.

Ingestion

May cause discomfort if swallowed. May cause stomach pain or vomiting. Gastrointestinal symptoms, including upset stomach.

Skin contact

Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema. May cause allergic contact eczema. May cause sensitisation by skin contact. Irritating to skin.

Eye contact

Irritating to eyes. May cause chemical eye burns.

Route of entry

Inhalation. Skin and/or eye contact.

## **SECTION 12: ECOLOGICAL INFORMATION**

Ecotoxicity

Dangerous for the environment if discharged into watercourses.

### **12.1. Toxicity**

Not applicable

### **12.2. Persistence and degradability**

Not applicable

### **12.3. Bioaccumulative potential**

Bioaccumulative potential

No data available on bioaccumulation.

### **12.4. Mobility in soil**

Mobility:

Not determined

### **12.5. Results of PBT and vPvB assessment**

Not applicable

### **12.6. Other adverse effects**

Not determined.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

General information

Dispose of in accordance with Local Authority guidelines.

### **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.

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## 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
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### 14.3. Transport hazard class(es)

ADR/RID/ADN Class	2
ADR/RID/ADN Class	Class 2: Gases
ADR Label No.	2.1
IMDG Class	2.1
ICAO Class/Division	2.1
Transport Labels	



### 14.4. Packing group

ADR/RID/ADN Packing group	Not Applicable
IMDG Packing group	Not Applicable
ICAO Packing group	Not Applicable

### 14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant  
No.

### 14.6. Special precautions for user

EMS	F-D, S-U
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### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

## SECTION 15: REGULATORY INFORMATION

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

Statutory Instruments

The Aerosol Dispensers (Amendment) Regulations 2014 No.1130

Guidance Notes

Workplace Exposure Limits EH40.

Introduction to Local Exhaust Ventilation HS(G)37.

EU Legislation

The Aerosol Dispensers Directive 1975/324 EEC

Regulation (EC) No.1272/2008 The Classification, Labelling and Packaging of substances and mixtures Regulations

Regulation (EC) No. 1907/2006 The Registration, Evaluation, Authorisation and Restriction of Chemicals Regulations (REACH)

2001/95/EC The General Product Safety Directive (GPSD)

Commission Regulation (EU) 2015/830 Requirements for the compilation of safety data sheets (amending REACH)

## MFC501 ANTISTATIC MULTI PURPOSE FOAM CLEANER 500ML

Authorisations (Title VII Regulation 1907/2006)

No specific authorisations are noted for this product.

Restrictions (Title VIII Regulation 1907/2006)

No specific restrictions of use are noted for this product.

### **15.2. Chemical Safety Assessment**

Not currently available.

#### **SECTION 16: OTHER INFORMATION**

Revision Date 04/07/2018

Revision 2

Hazard Statements In Full

EUH066 Repeated exposure may cause skin dryness or cracking. , H220 Extremely flammable gas. , H222 Extremely flammable aerosol. , H225 Highly flammable liquid and vapour. , H226 Flammable liquid and vapour. , H302 Harmful if swallowed. , H304 May be fatal if swallowed and enters airways. , H312 Harmful in contact with skin. , H314 Causes severe skin burns and eye damage. , H315 Causes skin irritation. , H317 May cause an allergic skin reaction. , H318 Causes serious eye damage. , H319 Causes serious eye irritation. , H332 Harmful if inhaled. , H335 May cause respiratory irritation. , H336 May cause drowsiness or dizziness. , H400 Very toxic to aquatic life. , H411 Toxic to aquatic life with long lasting effects. , H412 Harmful to aquatic life with long lasting effects.