

**SAFETY DATA SHEET****AORTHA ORTHAFIX AEROSOL 500ml****SECTION 1; IDENTIFICATION OF THE SUBSTANCES/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1. Product identifier**

Product name AORTHA ORTHAFIX SPRAY ADHESIVE  
 Product No. ADHP500

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

Identified uses Spray adhesive

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

Supplier A. Algeo Ltd.  
 Sheridan House  
 Bridge Industrial Estate  
 Speke Hall Road  
 Liverpool L24 9HB

**1.4. Emergency telephone number**

+44 (0) 151 448 1228  
 Mon – Fri 0830-1700 (GMT)

**SECTION 2; HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

Classification (EC 1272/2008)	Physical and chemical hazards	Extremely Flam. Aerosol - H222;H229
	Human health	Carc.2 – H351 Skin. Irrit. 2 – H315 Eye Irrit. 2 – H319 STOT SE 3 – H336
	Environment	Not Classified

The full text for all Hazard statements are displayed in Section 16.

**2.2 Label Elements**

Contains DICHLOROMETHANE  
 METHYL ETHYL KETONE

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



**Signal word**

Danger

**Hazard statements**

H222	Extremely flammable aerosol.
H351	Suspected of causing cancer
H315	Causes skin irritation.
H319	Causes serious eye irritation.

H229 Pressurized container; may burst if heated  
H336 May cause drowsiness or dizziness

**Precautionary Statements**

P102 Keep out of reach of children  
P210 Keep away from heat, hot surfaces, sparks, 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 dust/fume/gas/mist/vapours/spray.  
P271 Use only outdoors or in a well ventilated area.  
P280 Wear protective gloves/protective clothing/eye protection/ face protection.

**Supplementary precautionary statements**

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in position comfortable for breathing.  
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue Rinsing.  
P308+313 If exposed or concerned: Get medical advice/attention  
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.

**2.3. Other hazards**

Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50°C.  
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****3.1 Substances**

Not applicable

**3.2 Mixtures**

PETROLEUM GASES LIQUIFIED	30-50%
CAS- No.: 68476-85-7	EC No.: 270-704-2
Classification (EC 1272/2008) Flam. Gas 1- H220	
DICHLOROMETHANE	30-60%
CAS-No.: 75-09-2	EC No.: 200-838-9
Classification (EC 1272/2008) Carc.Cat 2 – H351 Skin Irrit Cat 2 – H315 Eye Irrit Cat 2 – H319 STOT SE Cat 3 – H336	
METHYL ETHYL KETONE	1-<2.0%
CAS-No.: 78-95-3	EC No.: 201-159-0
Classification (EC 1272/2008) Carc.Cat 2 – H351 Skin Irrit Cat 2 – H315	

Eye Irrit Cat 2 – H319  
STOT SE Cat 3 – H336

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.

###### **Ingestion**

DO NOT induce vomiting. Get medical attention immediately

###### **Skin contact**

Wash the skin immediately with soap and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if any discomfort continues.

###### **Eye Contact**

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

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

The most important known symptoms and effects are described in the labelling section 2.2, and/or in section 11.

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

Treat symptomatically.

#### **SECTION 5: FIREFIGHTING MEASURES**

##### **5.1 Extinguishing media**

###### **Extinguishing media**

Fire can be extinguished using: foam; carbon dioxide; dry powder

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

###### **Unusual fire & Explosion hazards**

Canisters may explode in fire.

Toxic gases/vapours/fumes of: Carbon Dioxide (CO<sub>2</sub>). Carbon Monoxide (CO)

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

Wear self-contained breathing apparatus.

#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

Avoid skin and eye contact. Ensure adequate ventilation. Avoid breathing vapours, mist or gas. Wear personal protective equipment (see section 8).

##### **6.2 Environmental precautions**

Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environment Agency or other regulatory body. Do not discharge into drains or watercourses or onto the ground.

##### **6.3 Methods and material for containment and cleaning up**

Provide ventilation and confine spill. Do not allow runoff to sewer. Absorb in vermiculite, dry sand or earth, and place into containers.

##### **6.4 Reference to other sections**

Wear protective clothing as described in section 8 of this safety data sheet. For waste disposal see section 13.

**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**

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**

Name	STD	TWA – 8 Hrs		STEL – 15 Min		Notes
DICHLOROMETHANE	WEL	100 ppm(Sk)	353 mg/m3(Sk)	200 ppm (Sk)	706 mg/m3 (Sk)	IRELAND TWA:50ppm TWA:174 mg/m3 STEL:150ppm STEL:552 mg/m3
PETROLEUM GASES LIQUIFIED	WEL	1000 ppm (Sk)	1250 mg/m3(Sk)	1250 ppm(Sk)	2180 mg/m3(Sk)	IRELAND TWA:500ppm TWA:625mg/m3 STEL:625ppm STEL:1090mg/m3
METHYL ETHYL KETONE	WEL	200 ppm(Sk)	600 mg/m3(Sk)	300 ppm(Sk)	900 mg/m3 (Sk)	IRELAND TWA:3ppm TWA:10mg/m3 STEL:10ppm STEL:33mg/m3

WEL = Workplace exposure limit.

**Derived No Effect Level (DNEL).****Methylene Chloride (75-09-2)**

Type	Exposure Route	Derived No effect Level	Safety Factor
Worker Short Term Systemic health effects	Inhalation	706 mg/kg bw/d	
Worker Long Term Systemic Health effects	Dermal	4750 mg/m <sup>3</sup>	
Worker Long Term Systemic health effects	Inhalation	353 mg/m <sup>3</sup>	

**Methyl ethyl Ketone (78-92-3)**

Type	Exposure Route	Derived No effect Level	Safety Factor
Worker Long Term Systemic Health effects	Dermal	1161 mg/m <sup>3</sup>	
Worker Long Term Systemic Health effects	Inhalation	600 mg/kg bw/d	

**Methylene Chloride (75-09-2)**

Type	Exposure Route	Derived No effect Level	Safety Factor
Consumer Short Term Systemic health effects	Inhalation	353 mg/m <sup>3</sup>	
Consumer Long Term	Dermal	2395 mg/kg bw/d	

Systemic health effects			
Consumer Long Term Systemic health effects	Oral	0.06 mg/kg bw/d	
Consumer Long Term Systemic health effects	Inhalation	88.3 /m <sup>3</sup>	

**Methyl ethyl Ketone (78-92-3)**

Type	Exposure Route	Derived No effect Level	Safety Factor
Consumer Long Term Systemic health effects	Dermal	412 mg/kg bw/d	
Consumer Long Term Systemic health effects	Inhalation	106 mg/kg bw/d	
Consumer Long Term Systemic health effects	Oral	31 mg/m <sup>3</sup>	

**Predicted No effect Concentration (PNEC)****Methylene Chloride (75-09-2)**

Environmental Compartment	Predicted No effect Concentration (PNEC)
Freshwater	0.54 mg/l
Freshwater - intermittent	4.47 mg/l
Marine water	0.194 mg/l
Marine sediment	1.61 mg/l
Soil	0.583mg/kg dry weight

**Methyl ethyl Ketone (78-92-3)**

Environmental Compartment	Predicted No effect Concentration (PNEC)
Freshwater	55.8 mg/l
Marine water	55.8 mg/l
Freshwater - intermittent	287.74mg/l
Marine sediment	287.7mg/l
Soil	22.5 mg/kg dry weight

**8.2 Exposure controls****Protective equipment****Appropriate engineering controls**

Observe any occupational exposure limits for the product or ingredients. As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist.

**Eye/face protection**

Chemical splash goggles or face shield. Use equipment for eye protection tested and approved under appropriate government standards such as EN 166(EU).

**Hand protection**

Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Nitrile rubber.

**Other skin and body protection**

Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Wear protective clothing.

**Respiratory protection**

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).

**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) Physical State	Liquid
(b) Appearance	Canister/Aerosol.
(c) Colour	Amber/Clear
(d) Odour	Chlorinated hydrocarbon
(e) Odour Threshold	No data available
(f) Melting point/freezing point	No data available
(g) Initial boiling point and boiling range	Not applicable - aerosol
(h) Flammability	
Or explosive limits	No data available
(j) Flash Point	Not applicable – aerosol
(k) Auto-ignition temperature	No data available
(l) Decomposition temperature	Not applicable – insoluble in water
(m) pH as gaseous solution	No data available
(n) Kinematic Viscosity	No data available
(o) Dynamic Viscosity	No data available
(p) Water solubility	No data available
(q) Solubilities	No data available
(r) Partition coefficient	No data available
(s) Vapour pressure	No data available
(t) Relative density	1.2 (Adhesive only)
(u) Relative Vapour Density	No data available
(v) Particle characteristics	
Particle Size	No data available
Particle size distribution	No data available

**9.2 Other information**

No data available

**9.2.1 Information with regards to physical hazards classes**

Not applicable

**9.2.2 Other safety characteristics**

No data available

**SECTION 10: STABILITY AND REACTIVITY****10.1 Reactivity**

No data available.

**10.2 Chemical stability**

Avoid heat, sparks, and flames, stable under normal conditions.

**10.3 Possibility of hazardous reactions**

No data available.

**10.4 Conditions to avoid**

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

**10.5 Incompatible materials**

Materials to avoid

Strong acids, strong oxidising substances and strong alkalis.

**10.6 Hazardous decomposition products**

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO); Carbon Dioxide (CO<sub>2</sub>); Phosgene (COCl<sub>2</sub>); Hydrogen Chloride (HCl). Slow hydrolysis with water forms hydrochloric acid.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects****Methylene Chloride (75-09-2)****Acute toxicity**

LD50 Oral - Rat - male and female - > 2,000 mg/kg

(OECD Test Guideline 401)

LC50 Inhalation - Mouse - 4 h - 86 mg/l - vapor

Remarks: (ECHA)

Symptoms: Possible damages:, mucosal irritations

LD50 Dermal - Rat - male and female - > 2,000 mg/kg

(OECD Test Guideline 402)

**Skin corrosion/irritation**

Skin - Rabbit

Result: Irritations - 4 h

(OECD Test Guideline 404)

Remarks: Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.

**Serious eye damage/eye irritation**

Eyes - Rabbit

Result: Eye irritation

Remarks: (ECHA)

Remarks: Risk of corneal clouding.

**Respiratory or skin sensitization**

Local lymph node assay (LLNA) – Mouse

Result: negative

(OECD Test Guideline 429)

**Germ cell mutagenicity**

Test Type: Mutagenicity (mammal cell test): chromosome aberration.

Test system: Chinese hamster ovary cells

Metabolic activation: with and without metabolic activation

Method: OECD Test Guideline 473

Result: positive

Test Type: Ames test

Test system: Salmonella typhimurium

Metabolic activation: with and without metabolic activation

Method: OECD Test Guideline 471

Result: positive

Test Type: In vivo micronucleus test

Species: Mouse

Cell type: Bone marrow

Application Route: Oral

Method: OECD Test Guideline 474

Result: negative

#### **Carcinogenicity**

Limited evidence of carcinogenicity in animal studies

Suspected human carcinogens

#### **Reproductive toxicity**

No data available

#### **Specific target organ toxicity - single exposure**

Inhalation - May cause drowsiness or dizziness. - Central nervous system

#### **Specific target organ toxicity - repeated exposure**

No data available

#### **Aspiration hazard**

No data available

### **Methyl ethyl Ketone**

#### **Acute toxicity**

LD50 Oral - Rat - male and female - 2,193 mg/kg

(OECD Test Guideline 423)

LC50 Inhalation - Mouse - 4 h - 32,000 mg/m<sup>3</sup> - vapor

Remarks: (RTECS)

LD50 Dermal - Rabbit - 6,480 mg/kg

Remarks: (RTECS)

#### **Skin corrosion/irritation**

Skin - Rabbit

Result: No skin irritation - 4 h

(OECD Test Guideline 404)

#### **Serious eye damage/eye irritation**

Eyes - Rabbit

Result: Severe irritations

(OECD Test Guideline 405)

Remarks: (Regulation (EC) No 1272/2008, Annex VI)

#### **Respiratory or skin sensitization**

Buehler Test - Guinea pig

Result: negative

(OECD Test Guideline 406)

#### **Germ cell mutagenicity**



Test Type: Ames test

Test system: S. typhimurium

Metabolic activation: with and without metabolic activation

Method: OECD Test Guideline 471

Result: negative

Test Type: Mutagenicity (mammal cell test): chromosome aberration.

Test system: rat hepatocytes

Method: OECD Test Guideline 473

Result: negative

Test Type: In vitro mammalian cell gene mutation test

Test system: mouse lymphoma cells

Metabolic activation: with and without metabolic activation

Method: OECD Test Guideline 476

Result: negative

Test Type: Micronucleus test

Species: Mouse

Cell type: Bone marrow

Application Route: Intraperitoneal

Method: OECD Test Guideline 474

Result: negative

**Carcinogenicity**

No data available

**Reproductive toxicity**

No data available

**Specific target organ toxicity - single exposure**

May cause drowsiness or dizziness.

**Specific target organ toxicity - repeated exposure**

No data available

**Aspiration hazard**

No data available

**11.2 Additional Information**

**Endocrine disrupting properties**

**Methylene Chloride (75-09-2)**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. Repeated dose toxicity - Rat - male and female - Oral - 104 Weeks - NOAEL (No observed adverse effect level) - 6 mg/kg Repeated dose toxicity - Rat - male and female – Inhalation 104 Weeks RTECS: PA8050000 Dizziness, Nausea, Vomiting, narcosis, Cough, irritant effects, Unconsciousness, Shortness of breath, respiratory paralysis, somnolence, depressed respiration, CNS disorders, inebriation' Risk of corneal clouding . The following applies to aliphatic halogenated hydrocarbons in general: systemic effect: narcosis, cardiovascular disorders. Toxic effect on liver, kidneys. Dichloromethane is metabolized in the body producing carbon monoxide which increases and sustains carboxyhemoglobin levels in the blood, reducing the oxygen-carrying capacity of the blood.

“ To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**Methyl ethyl Ketone**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.  
Central nervous system depression, Gastrointestinal disturbance, narcosis  
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Liver - Irregularities - Based on Human Evidence.

**SECTION 12: ECOLOGICAL INFORMATION****12.1 Toxicity****Ecotoxicity****Methylene Chloride**

Toxicity to fish flow-through test LC50 - Pimephales promelas (fathead minnow) -  
193.00 mg/l - 96 h

Remarks: (ECHA)

Toxicity to daphnia

and other aquatic

invertebrates

static test LC50

Daphnia magna (Water flea) - 27 mg/l - 48 h

(US-EPA)

Toxicity to bacteria static test EC50 –  
(OECD Test Guideline 209)

Activated sludge 2,590 mg/l - 40 min

Toxicity to fish(Chronic toxicity)

flow-through test LC50

Pimephales promelas (fathead minnow) - 471 mg/l - 8 d

Remarks: (ECHA)

**Methyl ethyl Ketone**

Toxicity to fish static test LC50

- Pimephales promelas (fathead minnow) - 2,993  
mg/l - 96 h

(OECD Test Guideline 203)

Toxicity to daphnia

and other aquatic

invertebrates

static test EC50

Daphnia magna (Water flea) - 308 mg/l - 48 h

(OECD Test Guideline 202)

Toxicity to algae static test ErC50  
(OECD Test Guideline 201)

Pseudokirchneriella subcapitata - 1,972 mg/l - 72 h

**12.2 Persistence and degradability**

Methylene Chloride

aerobic - Exposure time 28 d Result: 68 % - Readily biodegradable. (OECD Test Guideline 301D)

Methyl ethyl Ketone

Biodegradability aerobic - Exposure time 28 d

Result: 98 % - Readily biodegradable.

(OECD Test Guideline 301D)

Theoretical oxygen demand# 2,440 mg/g

Remarks: (Lit.)

Ratio BOD/ThBOD 76 %

Remarks: (IUCLID)

**12.3 Bio accumulative potential**

Methylene Chloride

Cyprinus carpio (Carp) - 6 Weeks - 250 µg/l(Dichloromethane)

Bioconcentration factor (BCF): 2 - 5.4 (OECD Test Guideline 305)  
 Cyprinus carpio (Carp) - 6 Weeks - 25 µg/l (Dichloromethane)  
 Bioconcentration factor (BCF): 6 - 40 (OECD Test Guideline 305)

Methyl ethyl Ketone

No data available

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

Methylene Chloride

No data available

Methyl ethyl Ketone

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**

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission. Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher

### **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**

ADR/IMDG/AND/RID AEROSOLS

IATA Aerosols Flammable

#### **14.3 Transport Hazard Class(es)**

ADR/RID/ADN Class 2.1

ADR/RID/ADN Class Class 2: Gases

ADR Label No 2.1 & 6.1

IATA 2.1

IMDG Class 2.1

ICAO Class/Division 2.1

ICAO Subsidiary Risk 6.1

ICAO 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**

Dangerous for the environment No

Marine pollutant No

Other information 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):	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

**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):	A145,A167,A802
ERG Code (IATA):	10L

**Inland Waterway Transport**

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

**Rail Transport**

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 MARPOL 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.

**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. Any amendments have been highlighted in grey.

**Information sources**

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

**Revision comments**

This safety data sheet supersedes all previous issues and users are cautioned to ensure that it is current.

Destroy all previous data sheets and if in doubt contact AFT Aerosols Ltd.

**Hazard statements in full**

H220	Extremely flammable gas
H222	Extremely flammable aerosol.
H351	Suspected of causing cancer
H315	Causes skin irritation.
H310	Causes serious eye irritation.
H336	May cause drowsiness or dizziness

**Abbreviations**

Carc 2	Carcinogen Category 2
Skin Irrit 2	Skin Irritant Category 2
Eye Irritant 2	Eye Irritant Category 2
STOT SE 3	Specific Target Organ Toxicity Single Exposure Category 3
Carc Cat 3	Carcinogen Category 3
Flam Gas 1	Flammable Gas Category 1

**ISSUE:** REV 5.0

**LAST REVIEWED :** JANUARY 2023

**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 A. Algeo Ltd is stated or implied. No employee of A. Algeo Ltd 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