



## SAFETY DATA SHEET

### SPYDER ULTRAGRAB ADHESIVE CANISTER 17kg/85kg

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

##### 1.1. Product identifier

Product name	ULTRAGRAB
Product No.	ADHC

##### 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	AFT Aerosols Ltd Unit 8, Berryhill industrial estate Berryhill road Fenton Stoke- on- Trent ST4 2NL
----------	--

##### 1.4. Emergency telephone number

+44 (0) 1782 285 700

Mon – Thurs 0730-1730: Fri 0730-1400

#### SECTION 2; HAZARDS IDENTIFICATION

##### 2.1 Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and chemical hazards	Extremely Flam. Aerosol - H222
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
Label in Accordance with (EC) No. 1272/2008	



**Contains:** Methylene Chloride

**Signal word:** Danger

**Hazard statements**

H222	Extremely flammable aerosol.
H229	Pressurized container: may burst if heated
H351	Suspected of causing cancer
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness

**Precautionary Statements**

P102	Keep out of reach of children
P210	Keep away from heat/sparks/open flames/hot surfaces – No Smoking.
P251	Pressurized container: Do not pierce or burn, even after use.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P281	Use personal protective equipment as required.
P501	Dispose of contents/container in accordance with Local Regulations.

**Supplementary precautionary statements**

P273	Avoid release to the environment.
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.

**Supplement label information**

**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**

**3.2 Mixtures**

DICHLOROMETHANE CAS-No.: 75-09-2 EC No.: 200-838-9	10-30%
Classification (EC 1272/2008) Skin Irrit Cat 2 – H315 Eye Irrit Cat 2 – H319 STOT SE Cat 3 – H336 Carc.Cat 2 – H351	
PETROLEUM GASES LIQUIFIED CAS- No.: 68476-85-7 EC No.: 270-704-2	30-40%
Classification (EC 1272/2008) Flam. Gas 1- H220	

The full text for all 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**

**No data available**

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

##### **5.1 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)	

WEL = Workplace exposure limit.

Ingredient comments

## **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**

<b>(a) Appearance</b>	Canister/Aerosol.
<b>(b) Odour</b>	Chlorinated Hydrocarbon
<b>c) Odour Threshold</b>	No data available
<b>(d) pH</b>	No data available
<b>(e) Melting point/freezing point</b>	No data available
<b>(f) Initial boiling point and boiling range</b>	40 (°C)
<b>(g) Flash point</b>	Estimated at -35°C
<b>(h) Evaporation point</b>	No data available
<b>(i) Flammability (solid gas)</b>	No data available
<b>(j) Upper/lower flammability Or explosive limits</b>	No data available
<b>(k) Vapour pressure</b>	No data available
<b>(l) Vapour density</b>	No data available
<b>(m) Relative density</b>	No data available
<b>(n) Water solubility</b>	Slightly soluble in water; soluble in chlorinated hydrocarbons
<b>(o) Partition coefficient n-octanol/water</b>	No data available
<b>(p) Auto-ignition temperature</b>	No data available
<b>(q) Decomposition temperature</b>	No data available
<b>(r) Viscosity</b>	No data available
<b>(s) Explosive properties</b>	No data available
<b>(t) Oxidising properties</b>	No data available.

### **9.2. Other information**

Canister pressure 70psi.

### **9.2 Other information**

## **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****Acute Toxicity**

LD<sub>50</sub> Oral – Rat - >2,000 mg/kg

**Inhalation**

LD<sub>50</sub> Inhalation – Rat – 52,000 mg/m<sup>3</sup>

**Skin contact**

Skin – Rabbit

Result: Irritating to skin – 24 hr  
(Draize Test)

**Eye contact**

Eyes – Rabbit

Result: Irritating to eyes – 24 hr  
(Draize Test)

**Carcinogenicity**

Carcinogenicity – Rat – Inhalation

Tumorigenic: Carcinogenic by RTECS criteria. Endocrine: Tumours

Limited evidence of carcinogenicity in animal studies.

Suspected human carcinogens

IARC: 2B – Group 2B: Possible carcinogenic to humans (Methylene Chloride)

**Specific Target Organ Toxicity – Single Exposure**

May cause respiratory irritation.

May cause drowsiness or dizziness

**Aspiration Hazard**

No data available.

**SECTION 12: ECOLOGICAL INFORMATION****Ecotoxicity**

Not regarded as dangerous to the environment. However, contamination of the aquatic or terrestrial environments should be avoided

**12.1 Toxicity**

Toxicity to fish

LC<sub>50</sub> – Pimphales promelas (fathead minnow) – 193.00 mg/l – 96 hr

NOEC – Cyprindon variegatus (sheepshead minnow) – 130 mg/l – 96 hr

Toxicity to daphnia and other

Aquatic invertebrates: EC50 – Daphnia magna (Water flea) – 27 mg/l – 48 hr

**12.2 Persistence and degradability**

Biodegradability result &lt;26% - Not readily biodegradeable

**12.3 Bio accumulative potential**

Does not bioaccumulate

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB Assessment**

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) 3501 - Chemical under pressure, flammable, not otherwise specified (nos)

UN No. (IMDG) 3501 - Chemical under pressure, flammable, not otherwise specified (nos)

UN No. (ICAO) 3501 - Chemical under pressure, flammable, not otherwise specified (nos)

**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 &amp; 6.1

IMDG Class 2.1

ICAO Class/division 2.1

ICAO Subsidiary risk 6.1

CEFIC TEC® No 20GSF

Air Class 2.1

UK Road Class 2.1

Transport labels

**14.4 Packing group**

Not applicable.

**14.5 Environmental hazards**

Environmentally hazardous substance/marine pollutant.

**14.6 Special precautions for user**

EMS	F-D, S-U
ADR Transport Category	2
Emergency Action Code	2YE
Hazard Identification Number (ADR/RID)	23
Tunnel restriction code	(B/D)

**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:**

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**

No data 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.

**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.
H319	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 4.2

**DATE:** JANUARY 2020

**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 AFT Aerosols Ltd is stated or implied. No employee of AFT Aerosols 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