

**SAFETY DATA SHEET**AFT Silicone Free Lubricant 500ml**SECTION 1; IDENTIFICATION OF THE SUBSTANCES/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1. Product identifier**

Product name	NON SIL
Product No.	ADH NON-SIL 500

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

Identified uses	Spray lubricant
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**1.3. Details of the supplier of the data sheet**

Supplier	Clockwork Components Ltd
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**1.4. Emergency telephone number****SECTION 2; HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

Classification (EC 1272/2008)

Physical and chemical hazards	Extremely Flam. Aerosol- H222
Environment	Not Classified

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

**2.2 Label Elements**

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

**Signal word**

Danger

**Hazard statements**

H222	Extremely flammable aerosol.
H229	Pressurized container: may burst if heated

**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.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P501	Dispose of contents/container in accordance with Local Regulations.

**Supplementary precautionary statements**

P273	Avoid release to the environment.
P264	Wash contaminated skin thoroughly after handling.
P304+340	IF INHALED: Remove victim to fresh air and keep at rest In a 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
P403	Store in a well-ventilated place
P410+412	Protect from sunlight. Do not expose to temperatures Exceeding 50°C/122°F.

**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**

VEGETABLE OIL	5-10%
CAS-No.: Not Classified	EC No.: Not Classified
Classification (EC 1272/2008) Not Classified	
PETROLEUM GASES LIQUIFIED	30-60%

CAS- No.: 68476-85-7	EC No.: 270-704-2
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**

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

#### **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

Aerosol cans may explode in fire.

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

Wear self contained breathing apparatus for fire fighting if necessary.

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

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

Avoid skin and eye contact. Ensure adequate ventilation. Wear personal protective equipment.

**6.2 Environmental precautions**

Avoid discharge into the environment if possible.

**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.

**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**

Name	STD	TWA – 8 Hrs		STEL – 15 Min		Notes
PETROLEUM GASES LIQUIFIED	WEL	1000 ppm (Sk)	1250 mg/m3(Sk)	1250 ppm(Sk)	2180 mg/m3(Sk)	

Ingredient comments

WEL = Workplace exposure limits.

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

(s) Explosive properties

No data available

(t) Oxidising properties

No data available.

## **9.2 Other information**

## **SECTION 10: STABILITY AND REACTIVITY**

### **10.1 Reactivity**

### **10.2 Chemical stability**

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

### **10.3 Possibility of hazardous reactions**

### **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>)

## **SECTION 11: TOXICOLOGICAL INFORMATION**

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

#### **Other Health Effects**

No data available

#### **Inhalation**

Harmful by inhalation

#### **Ingestion**

May cause discomfort if swallowed.

#### **Skin contact**

Prolonged contact may cause dryness of the skin. May cause sensitisation by skin contact

#### **Eye contact**

Spray and vapour may cause Irritation and smarting

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## **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**

No data available

**12.2 Persistence and degradability**

No data available

**12.3 Bio accumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB Assessment**

No data available

**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)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950

**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
IMDG Class	2.1
ICAO Class/division	2.1

ICAO Subsidiary risk	None
CEFIC 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
<u>Inland Waterway Transport</u>	
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
<u>Rail Transport</u>	
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 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.

#### **15.2 Chemical safety assessment**

### **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

**ISSUE:** REV 4.2

**LAST REVIEWED:** JANUARY 2021