

## HEALTH & SAFETY DATA SHEET

### TITLE 1 : Identification of the Substance / Preparation and Company

#### 1.1. Identification of the preparation

Product form: Mixture  
Product Name : CLEANER FLUID - CODE 160.670UK - BOTTLE 250ML  
Custom Code : 22090011

#### 1.2. Relevant identified uses of the substance or mixture and uses

##### 1.2.1. Relevant identified uses

Use of the substance / mixture: Fluid maintenance to clean Smoke & Fog generators  
Professional use and general public use

##### 1.2.2. Uses deprecated

No additional information available

#### 1.3. Idendification of the company

##### **AVSL GROUP LTD**

Unit 2, Bridgewater Park  
Taylor Road  
Manchester - M417JQ-UK  
Tel : +44 (0) 845 270 24 11 - Website : [www.avsl.com](http://www.avsl.com)

#### 1.4. Emergency Telephone Number

Country	Company	Emergency Number
France	ORFILA	+33 (0) 1 45 42 59 59

### TITLE 2: Hazards identification

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

Classification according to Regulation (EC) No. 1272/2008 [CLP] : Not Classified

#### **Physicochemical harmful effects, for human health and the environment**

To our knowledge, this product does not present any particular risk, subject to compliance with the general rules of industrial hygiene

#### 2.2. Label Elements

#### **Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

No labelling applicable

#### 2.3. Other Hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

### TITLE 3 : Composition / information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH Annex II

Product	Product Identifier	%	Classification according to Regulation EC No 1272/2008 (CLP)
OZMOSED WATER	(CAS Number ) 7732-18-5 (CE Number) 231-791-2	85,8 - 100	Unclassified
EXT VINEGAR / (double fermentation biological process, alcoholic & < 10% acidity)	(CAS Number) 90132-02-8 (CE Number) 290-419-7	1,2 - 2,5	Skin corr 1A , H314

Full text of H-phrases: see section 16

## TITLE 4 : First Aid

### 4.1. First aid indications

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison center or a doctor if you feel unwell.

### 4.2. Main symptoms and effects, acute and delayed

Symptoms / effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
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### 4.3. Indication of immediate medical attention and special treatment needed

: Symptomatic treatment.

## TITLE 5 : Measures against fire

### 5.1. Extinguishing Media

Suitable extinguishing media	: Sand. Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.

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

Hazardous decomposition products in case of fire :	Possible release of toxic fumes
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### 5.3. Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting anychemical fire. Prevent fire fighting water from entering the environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-containedbreathing apparatus. Complete protective clothing.

## TITLE 6 : Measures Accidental Release

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

#### 6.1.1. For non emergency personnel

Emergency Procedures	: Ventilate spill area . Evacuate unnecessary personal
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#### 6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. Equip cleanup crewwith proper protection. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	: Ventilate area.

### 6.2. Precautions for environmental protection

: Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### 6.3. Methods and materials for containment and cleaning

Methods for cleaning up	: Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
Other information	: Dispose of materials or solid residues at an authorized site.

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

: See Section 8. Exposure controls and personal protection.  
For further information refer to section 13

#### **TITLE 7 : Handling and storage**

##### **7.1. Precautions for safe handling**

Precautions for safe handling	: Ensure good ventilation of the work station. Wear personal protective equipment. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

##### **7.2. Conditions for safe storage, including any incompatibilities**

Storage conditions	: Keep only in the original container in a cool, well ventilated place away from
	: Keep container closed when not in use. Store in a well-ventilated place. Keep cool.
Incompatible products	: Strong bases. Strong acids.
Incompatible materials	: Sources of ignition. Direct sunlight.

##### **7.3. Particular end use**

: No additional information available

#### **TITLE 8: Exposure controls / personal protection**

##### **8.1. Control Parameters**

8.1.1 National occupational exposure and biological limit values	: No additional information available
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 : Ensure good ventilation of the work station.

8.2.2 Personal protective equipment symbol (s) : Avoid all unnecessary exposure



8.2.2.1. Eye and face protection Eye protection: Chemical goggles or Safety glasses : Safety glasses

8.2.2.2. Skin protection :

Skin and body protection : Wear suitable protective clothing  
Hand protection : Protective gloves

8.2.2.3. Respiratory protection Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards : No additional information available

8.2.3. Environmental exposure controls Environmental exposure controls : Avoid release to the environment.  
Other information : No additional information

#### **TITLE 9 : Physical and chemical properties**

##### **9.1. Basic physical and chemical properties Information**

Physical state	: Liquid
Colour	: Colourless.
Odour	: characteristic.
Odour threshold	: Not available

Melting point	Not applicable
Freezing point	Not available
Boiling point	Not available
Flammability	Not flammable.
Explosive limits	Not available
Lower explosion limit	Not available
Upper explosion limit	Not available
Flash point	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
pH	Not available
Viscosity, kinematic	Not available
Solubility	Not available
Partition coefficient n-octanol/water (Log Kow)	Not available
Vapour pressure	Not available
Vapour pressure at 50°C	Not available
Density	Not available
Relative density	Not available
Relative vapour density at 20°C	Not available
Particle size	Not applicable
Particle size distribution	Not applicable
Particle shape	Not applicable
Particle aspect ratio	Not applicable
Particle aggregation state	Not applicable
Particle agglomeration state	Not applicable
Particle specific surface area	Not applicable
Particle dustiness	Not applicable

#### **9.2. Other informations**

9.2.1. Information with regard to physical hazard classes	No additional information available
9.2.2. Other safety characteristics	No additional information available

#### **TITLE 10 : Stability and reactivity**

<b><u>10.1. Reactivity</u></b>	The product is not reactive under normal conditions of use, storage and transport.
<b><u>10.2. Chemical stability</u></b>	Not established
<b><u>10.3. Possibility of hazardous reactions</u></b>	Not established
<b><u>10.4. Conditions to avoid</u></b>	Direct sunlight. Extremely high or low temperatures
<b><u>10.5. Incompatible materials</u></b>	Strong acids. Strong bases
<b><u>10.6. Hazardous decomposition products</u></b>	Fume. Carbon monoxide. Carbon dioxide

#### **TITLE 11 : Toxicological informations**

##### **11.1. Information on hazard classes as defined in Regulation ( EC ) n° 1272/2008**

Acute toxicity (oral)	Not classified
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified
Skin corrosion/irritation	Not classified.
Additional information	Based on available data, the classification criteria are not met
Serious eye damage/irritation	Not classified
Additional information	Based on available data, the classification criteria are not met
Respiratory or skin sensitization	Not classified
Additional information	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Not classified
Additional information	Based on available data, the classification criteria are not met
Carcinogenicity	Not classified
Additional information	Based on available data, the classification criteria are not met
Reproductive toxicity	Not classified
Additional information	Based on available data, the classification criteria are not met
STOT-single exposure	Not classified
Additional information	Based on available data, the classification criteria are not met
STOT-repeated exposure	Not classified
Additional information	Based on available data, the classification criteria are not met
Aspiration hazard	Not classified
Additional information	Based on available data, the classification criteria are not met

#### **11.2. Information on other hazards**

	No additional information available
11.2.1 Endocrine disrupting properties	No additional information available
11.2.2 Other information	Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met
<b>TITLE 12 : Ecological informations</b>	

#### **12.1. Toxicity**

Ecology - general :	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment
Hazardous to the aquatic environment, short-term (acute) :	Not classified
Hazardous to the aquatic environment, long-term (chronic) :	Not classified

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

No additional information available

#### **12.3. Potential for bioaccumulation**

No additional information available

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

No additional information available

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

No additional information available

#### **12.6. Endocrine disrupting properties**

No additional information available

#### **12.7. Other adverse effects**

No additional information available

#### **TITLE 13 : Considerations Disposal**

#### **13.1. Waste treatment methods**

Waste treatment methods	Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials	Avoid release to the environment.

#### **TITLE 14 : Transport informations**

In accordance with the requirements of ADR / RID / IMDG / IATA / ADN

#### **14.1. ONU number**

UN - N° (ADR) :	Not applicable
UN - N° (IMDG) :	Not applicable
UN - N° (IATA) :	Not applicable
UN - N° (ADN) :	Not applicable
UN - N° (RID) :	Not applicable

#### **14.2. Official shipping transport name ONU**

Proper Shipping Name (ADR) :	Not applicable
Proper Shipping Name (IMDG) :	Not applicable
Proper Shipping Name (IATA) :	Not applicable
Proper Shipping Name (ADN) :	Not applicable
Proper Shipping Name (RID) :	Not applicable

#### **14.3. Hazard class for transport**

ADR - Hazard class for transport (ADR) :	Not applicable
IMDG - Hazard class for transport (IMDG) :	Not applicable
IATA - Hazard class for transport (IATA) :	Not applicable
ADN - Hazard class for transport (ADN) :	Not applicable
RID - Hazard class for transport (RID) :	Not applicable

#### **14.4. Packing Group**

Packing Group (ADR) :	Not applicable
Packing Group (IMDG) :	Not applicable
Packing Group (IATA) :	Not applicable

Packing Group (ADN) : Not applicable  
Packing Group (RID) : Not applicable

#### **14.5. Environmental hazards**

Dangerous for the environment: No  
Marine pollutant: No  
Other information's : No supplementary information available

#### **14.6. Special precautions for user**

- Overland transport No data available  
- By sea transport No data available  
- Air transport No data available  
- Inland Waterway transport No data available  
- Rail transport No data available

#### **14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

### **TITLE 15 : Regulatory information**

#### **15.1. Regulations / legislation for the substance or mixture Safety, health and environment**

##### **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  
Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

**15.1.2. National regulations** No additional information available

**15.2. Chemical safety assessment** No chemical safety assessment has been carried out

### **TITLE 16 : Other informations**

Indication of changes			
Section	Changed item	Change	Comments
	SDS EU format	Modified	

#### **Abreviations and acronyms**

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC - N°	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration

<b>LD50</b>	Median lethal dose
<b>LOAEL</b>	Lowest Observed Adverse Effect Level
<b>NOAEC</b>	No-Observed Adverse Effect Concentration
<b>NOAEL</b>	No-Observed Adverse Effect Level
<b>NOEC</b>	No-Observed Effect Concentration
<b>OECD</b>	Organisation for Economic Co-operation and Development
<b>OEL</b>	Occupational Exposure Limit
<b>PBT</b>	Persistent Bioaccumulative Toxic
<b>PNEC</b>	Predicted No-Effect Concentration
<b>RID</b>	Regulations concerning the International Carriage of Dangerous Goods by Rail
<b>SDS</b>	Safety Data Sheet
<b>STP</b>	Sewage treatment plant
<b>ThOD</b>	Theoretical oxygen demand (ThOD)
<b>TLM</b>	Median Tolerance Limit
<b>VOC</b>	Volatile Organic Compounds
<b>CAS n°</b>	Chemical Abstract Service number
<b>N.O.S</b>	Not Otherwise Specified
<b>vPvB</b>	Very Persistent and Very Bioaccumulative
<b>ED</b>	Endocrine disrupting properties

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

<b>Full text of H- and EUH-statements:</b>	
H314	Causes severe skin burns and eye damage.
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A

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.