



**SAFETY DATA SHEET**  
**ARDEX MVS 95**

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

**1.1. Product identifier**

Product name ARDEX MVS 95  
Product No. 22602

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

Identified uses Moisture Vapour Suppressant

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

Supplier Ardex UK Limited  
Homefield Road  
Haverhill  
Suffolk  
CB9 8QP  
Tel. 01440 714939  
Fax. 01440 716667

Contact Person .

**1.4. Emergency telephone number**

+44 (0)870 190 6777 (24 hours)

**SECTION 2: HAZARDS IDENTIFICATION**

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

Classification (EC 1272/2008)  
Physical and Chemical Hazards Not classified.  
Human health Not classified.  
Environment Not classified.  
Classification (1999/45/EEC) Not classified.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

**2.2. Label elements**

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

Supplemental label information

EUH 208: Contains: Benzisothiazolinone and 2-methyl-3(2H)-isothiazolone.  
May produce an allergic reaction.

**2.3. Other hazards**

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2. Mixtures**

Composition Comments  
The data shown are in accordance with the latest EC Directives.

**SECTION 4: FIRST AID MEASURES**

**4.1. Description of first aid measures**

# ARDEX MVS 95

## General information

No recommendation given.

### Inhalation

Get medical attention if any discomfort continues.

### Ingestion

Rinse mouth thoroughly. Get medical attention if any discomfort continues.

### Skin contact

Rinse with water. Contact physician if discomfort continues.

### Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Contact physician if irritation persists. Do not rub eye.

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

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

No specific first aid measures noted.

## **SECTION 5: FIREFIGHTING MEASURES**

### **5.1. Extinguishing media**

Extinguishing media

Extinguish with carbon dioxide or dry powder.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

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

Hazardous combustion products

Fire or high temperatures create: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

Unusual Fire & Explosion Hazards

Not known.

Specific hazards

N/A.

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

Special Fire Fighting Procedures

No specific fire fighting procedure given.

Protective equipment for fire-fighters

Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

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

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

For personal protection, see section 8. Avoid contact with eyes. Wear protective gloves and, in case of splashes, goggles/face shield too. In case of spills, beware of slippery floors and surfaces.

### **6.2. Environmental precautions**

Collect and dispose of spillage as indicated in section 13. Do not allow to enter drains, sewers or watercourses.

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

Collect spillage with granulates, sawdust, rags or other absorbent. Prevent discharge of larger quantity to drain. Do not let washing down water contaminate ponds or waterways.

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

For personal protection, see section 8. For waste disposal, see section 13.

## **SECTION 7: HANDLING AND STORAGE**

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

Avoid contact with skin and eyes. Avoid eating, drinking and smoking when using the product. Avoid spilling, skin and eye contact.

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

Keep in original container. Keep upright. Store above freezing.

Storage Class

Unspecified storage.

### **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**

### **8.2. Exposure controls**

Protective equipment



Engineering measures

Not relevant

Respiratory equipment

Respiratory protection not required.

Hand protection

For prolonged or repeated skin contact use suitable protective gloves. Nitrile gloves are recommended.

Eye protection

Use safety goggles and face shield in case of splash risk.

Hygiene measures

Use appropriate skin cream to prevent drying of skin.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1. Information on basic physical and chemical properties**

Appearance	Liquid
Colour	Blue.
Odour	Characteristic.
Solubility	Miscible with water
Initial boiling point and boiling range (°C)	100° C
Melting point (°C)	0° C
Relative density	1.1 g/cm <sup>3</sup>
Bulk Density	
Not applicable.	
Vapour density (air=1)	
Not available.	
Vapour pressure	23 mbar 20° C
Evaporation rate	
Not available.	
Evaporation Factor	
Not available.	
pH-Value, Conc. Solution	5 - 8.5
Viscosity	100 - 3000 mPas
Solubility Value (G/100G H <sub>2</sub> O@20°C)	
Not available.	
Decomposition temperature (°C)	
Not available.	
Odour Threshold, Lower	
Not relevant	
Odour Threshold, Upper	
Not relevant	

Flash point (°C)

Not applicable.

Auto Ignition Temperature (°C)

Not applicable.

Flammability Limit - Lower(%)

Not applicable.

Flammability Limit - Upper(%)

Not applicable.

Partition Coefficient  
(N-Octanol/Water)

Not applicable.

Explosive properties

Not applicable.

Other Flammability

Not applicable.

Oxidising properties

Not applicable.

## **9.2. Other information**

Particle Size (Micron)

Not relevant

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

### **10.1. Reactivity**

There are no known reactivity hazards associated with this product.

### **10.2. Chemical stability**

No particular stability concerns.

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

Not applicable.

### **10.4. Conditions to avoid**

Avoid frost. Avoid excessive heat for prolonged periods of time.

### **10.5. Incompatible materials**

Materials To Avoid

No incompatible groups noted.

### **10.6. Hazardous decomposition products**

No hazardous decomposition products.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

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

#### Acute toxicity:

Acute Toxicity (Oral LD50)

> 2000 mg/kg Rat

Acute Toxicity (Dermal LD50)

Not available.

Acute Toxicity (Inhalation LC50)

Not available.

#### Skin Corrosion/Irritation:

Not irritating.

#### Respiratory or skin sensitisation:

Respiratory sensitisation

Not applicable.

Skin sensitisation

Not applicable.

Germ cell mutagenicity:

Genotoxicity - In Vitro

Not applicable.

Carcinogenicity:

This substance has no evidence of carcinogenic properties.

Reproductive Toxicity:

Reproductive Toxicity - Fertility

Not applicable.

Reproductive Toxicity - Development

Not applicable.

Specific target organ toxicity - single exposure:

STOT - Single exposure

Not applicable.

Specific target organ toxicity - repeated exposure:

STOT - Repeated exposure

Not applicable.

Inhalation

No specific health warnings noted.

Ingestion

No harmful effects expected in amounts likely to be ingested by accident.

Skin contact

Not a skin sensitiser.

Eye contact

Irritation, burning, lachrymation, blurred vision after liquid splash.

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## SECTION 12: ECOLOGICAL INFORMATION

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### **12.1. Toxicity**

Acute Toxicity - Fish

LC50 96 hours > 100 mg/l *Onchorhynchus mykiss* (Rainbow trout)

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours > 100 mg/l *Daphnia magna*

Acute Toxicity - Aquatic Plants

EC50 72 hours > 100 mg/l *Scenedesmus subspicatus*

Acute Toxicity - Microorganisms

EC20 30 min > 100 mg/l Activated sludge

Acute Toxicity - Terrestrial

Not applicable.

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

Degradability

The product is not expected to be biodegradable.

Biodegradation

Water Degradation (> 70%)

### **12.3. Bioaccumulative potential**

Bioaccumulative potential

The product is not bioaccumulating.

Partition coefficient

Not applicable.

**12.4. Mobility in soil**

Mobility:

Not considered mobile.

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

This product does not contain any PBT or vPvB substances.

**12.6. Other adverse effects**

Not applicable.

## SECTION 13: DISPOSAL CONSIDERATIONS

General information

The packaging should be collected for reuse.

**13.1. Waste treatment methods**

Dispose of waste and residues in accordance with local authority requirements. Do not allow runoff to sewer, waterway or ground.

Waste Class

08 04 10: adhesive and sealant waste with exception of 08 04 09

## SECTION 14: TRANSPORT INFORMATION

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**14.1. UN number**

Not applicable.

**14.2. UN proper shipping name**

Not applicable.

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

Transport Labels

No transport warning sign required.

**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards**

Environmentally Hazardous Substance/Marine Pollutant

No.

**14.6. Special precautions for user**

Not applicable.

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

Not applicable.

## SECTION 15: REGULATORY INFORMATION

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

EU Legislation

Dangerous Preparations Directive 1999/45/EC. 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 with amendments.

**15.2. Chemical Safety Assessment**

No chemical safety assessment has been carried out.

**SECTION 16: OTHER INFORMATION**

Revision Comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

Issued By                                  Research & Development Manager

Revision Date                              03/04/2017

Revision                                        5

Supersedes date                          28/05/2015

Disclaimer

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