



## SAFETY DATA SHEET

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### Antistat

Revision 0  
Revision date

#### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

**Product name** Antistat  
**Company** Future Developments Manufacturing Ltd  
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#### 2 HAZARDS IDENTIFICATION.

**Main hazards** Extremely flammable. Irritating to eyes. Vapours may cause drowsiness and dizziness.

#### 3 . COMPOSITION / INFORMATION ON INGREDIENTS.

##### Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
Butane	10 - 20%	106-97-8	203-448-7	F+; R12
Isopropanol (Propan-2-ol)	40 - 50%	67-63-0	200-661-7	F; R11 Xi; R36 R67

#### 4. FIRST AID MEASURES

**Skin contact** May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.  
**Eye contact** May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.  
**Inhalation** Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.  
**Ingestion** Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist.  
**General information** In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

#### 5. FIRE FIGHTING MEASURES

**Extinguishing media** Carbon oxides. Alcohol resistant foam.  
**Fire hazards** Vapour may travel considerable distance to source of ignition and flash back.  
**Protective equipment** Wear suitable respiratory equipment when necessary.

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## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Eliminate all sources of ignition. Wear suitable protective equipment.
<b>Environmental precautions</b>	Do not allow product to enter drains. Prevent further spillage if safe.
<b>Clean up methods</b>	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Use explosion proof equipment. Keep away from sources of ignition - No smoking.
<b>Storage</b>	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure limits

Butane	WEL 8-hr limit ppm: 600 WEL 15 min limit ppm: 750	WEL 8-hr limit mg/m3: 1450 WEL 15 min limit mg/m3: 1810
Isopropanol (Propan-2-ol)	WEL 8-hr limit ppm: 400 WEL 15 min limit ppm: 500	WEL 8-hr limit mg/m3: 999 WEL 15 min limit mg/m3: 1250

<b>Engineering measures</b>	Ensure adequate ventilation of the working area.
<b>Respiratory protection</b>	Wear suitable respiratory equipment when necessary.
<b>Hand protection</b>	Chemical resistant gloves (PVC)
<b>Eye protection</b>	Approved safety goggles.
<b>Protective equipment</b>	Wear chemical protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Description</b>	Liquid.
<b>Colour</b>	Colourless.
<b>Odour</b>	Mild.
<b>Flash point</b>	-60 propellent°C
<b>Water solubility</b>	soluble in water.

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions.
<b>Conditions to avoid</b>	Heat, sparks and open flames.
<b>Materials to avoid</b>	Oxidising agents.

## 11. TOXICOLOGICAL INFORMATION

<b>Toxicological information</b>	Butane n- in low concentrations may cause narcotic effects. Symptoms may include dizziness, headache, nausea and loss of co-ordination Isobutane in low concentrations may cause narcotic effects. Symptoms may include dizziness, headache, nausea and loss of co-ordination.
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Antistat	Oral Rat LD50 = 4700 to 5500 mg/kg Dermal Rabbit LD50 = >12800 mg/kg Inhalation Rat LC50/4 h = 47 to 73 mg/l
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<b>Corrosivity</b>	Irritating to eyes.
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## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** No data is available on this product.

## 13. DISPOSAL CONSIDERATIONS

**General information** Dispose of in compliance with all local and national regulations.

## 14. TRANSPORT INFORMATION

### ADR/RID

<b>UN 1950</b>	<b>Packing group -</b>
<b>Class 2</b>	<b>Hazard ID -</b>
<b>Proper Shipping Name</b> AEROSOLS .	

### IMDG

<b>UN 1950</b>	<b>Packing group -</b>
<b>Class 2</b>	<b>Marine pollutant .</b>
<b>EmS Code</b> F-D S-U	

### IATA

<b>UN 1950</b>	<b>Packing group -</b>
<b>Class 2</b>	<b>Subsidiary risk</b> see SP63

## 15. REGULATORY INFORMATION

**Labelling** The product is classified in accordance with 67/548/EEC.

**Symbols** F+ - Extremely flammable; Xi - Irritant



**Risk phrases** R12 - Extremely flammable.  
R36 - Irritating to eyes.  
R67 - Vapours may cause drowsiness and dizziness.

**Safety phrases** S1/2 - Keep locked up and out of the reach of children.  
S13 - Keep away from food, drink and animal feedingstuffs.  
S16 - Keep away from sources of ignition - No smoking.  
S46 - If swallowed, seek medical advice immediately and show this container or label.

## 16. OTHER INFORMATION

**Text of risk phrases in Section 3.** R11 - Highly flammable.  
R12 - Extremely flammable.  
R36 - Irritating to eyes.  
R67 - Vapours may cause drowsiness and dizziness.

**Further information** The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.