

## SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### Product identifiers

Product name: Ham's F10  
Product number: AC-LM-0027  
Brand: anprotec

#### Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Used in biotechnology. For professional user/industrial user only.

#### Details of the supplier of the safety data sheet:

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### 2. HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008

Product fails to meet PBT/vPvB criteria

#### Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

None of the substances contained in the mixture are above the values of Regulation (EC) No 1907/2006

### 4. FIRST AID MEASURES

<b>In case of skin contact</b>	Wash off with soap and plenty of water.
<b>In case of eye contact</b>	Rinse with water until the product has been eliminated.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Rinse mouth with water
<b>Inhalation</b>	If breathed in, move person to fresh air.

## 5. FIREFIGHTING MEASURES

<b>Suitable extinguishing media</b>	Use water spray, carbon dioxide, dry chemical
<b>Special Protective equipment for firefighters</b>	Wear self-contained breathing apparatus for firefighting if necessary.

## 6. ACCIDENTAL RELEASE MEASURES

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

Isolate leaks provided that there is no additional risk for the people performing this task.

### **Environmental precautions**

This product is not classified as hazardous to the environment. Keep product away from drains, surface and ground water.

### **Methods and materials for cleaning up**

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents.

## 7. HANDLING AND STORAGE

### **Precautions for safe handling**

Avoid contact with skin, eyes and clothing. Wear personal protective equipment.

### **Conditions for safe storage, including any incompatibilities Keep in properly labeled containers**

Keep container closed in a dry and well-ventilated place.

Recommended storage temperature: 2-8°C

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Exposure controls</b>	We are not aware of any national exposure limit.
<b>Appropriate engineering controls</b>	General industrial hygiene practice.

### **Personal protective equipment**

#### **Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### **Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

### Body Protection

Impervious clothing, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use (US) or type ABEK (EN 14387)respirator cartridges as a backup to enginee protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Form:	Form: liquid
Odour	no data available
Odour Threshold	no data available
pH	7 – 7,6
Melting point/freezing point	no data available
Initial boiling point and boiling range	no data available
Flash point	no data available
Evapouration rate	no data available
Flammability (solid, gas)	no data available
Upper/lower flammability or explosive limits	no data available
Vapour pressure	no data available
Vapour density	no data available
Relative density	no data available
Water solubility	no data available
Partition coefficient: n-octanol/water	no data available
Auto-ignition temperature	no data available
Decomposition temperature	no data available
Viscosity	no data available
Explosive properties	no data available
Oxidizing properties	no data available

## 10. STABILITY AND REACTIVITY

Reactivity	No hazardous reactions are expected because the product is stable under recommended storage conditions.
Chemical stability	Stable under recommended storage conditions
Possibility of hazardous reactions	no data available
Conditions to avoid	no data available
Incompatible materials	no data available
Hazardous decomposition products	no data available

11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	not hazardous
<b>Principle Routes of Exposure/ Potential Health effects</b>	
<b>Eyes</b>	May cause eye irritation with susceptible persons.
<b>Skin corrosion</b>	May cause skin irritation in susceptible persons.
<b>Inhalation</b>	May be harmful by inhalation.
<b>Ingestion</b>	May be harmful if swallowed
<b>Serious eye damage/irritation</b>	no data available
<b>Respiratory or skin sensitisation</b>	no data available

12. ECOLOGICAL INFORMATION

<b>Toxicity</b>	no data available
<b>Persistence and degradability</b>	no data available
<b>Bioaccumulative potential</b>	no data available
<b>Mobility in soil</b>	no data available
<b>Results of PBT and vPvB assessment</b>	Product fails to meet PBT/vPvB criteria
<b>Other adverse effects</b>	no data available

13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Product**  
Offer surplus and non-recyclable solutions to a licensed disposal company.

**Contaminated packaging**  
Dispose of as unused product

14. TRANSPORT INFORMATION

<b>UN number</b>		
ADR/RID: -	IMDG: -	IATA: -
<b>UN proper shipping name</b>		
ADR/RID: Not dangerous goods	IMDG: Not dangerous goods	IATA: Not dangerous goods
<b>Transport hazard class(es)</b>		
ADR/RID: -	IMDG: -	IATA: -
<b>Packaging group</b>		
ADR/RID: -	IMDG: -	IATA: -
<b>Environmental hazards</b>		
ADR/RID: no	IMDG: Marine pollutant: no	IATA: no
<b>Special precautions for user</b>	no data available	

#### 15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

##### **Chemical Safety Assessment**

No data available

#### 16. OTHER INFORMATION

##### **Further information**

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European level, without being able to guarantee its accuracy.

This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements.

The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products.

The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

[Dirk Hindorf - anprotec](#) shall not be held liable for any damage resulting from handling or from contact with the above product.