



# HEALTH & SAFETY DATA SHEET

SAFETY DATA SHEET according to Regulation (EU) No. 1907/2006

**Unisects: 11LV MF, 11HV MF, 1160MF, 1280MF, 2120MF, 2150MF, 121MF, 2121MF-45, 2151MF, 2155MF, 2160MF,**

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

**Product Name:** Part A Unisect 11 LV MF, 11HV MF, 1160MF, 1280MF, 2120MF, 2150MF, 2121MF, 2121-45MF, 2151MF, 2155MF, 2160MF

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## 2. COMPOSITION/INFORMATION ON INGREDIENTS:

Ingredient Name:	CAS No:	Content:	Health:	Risk:
Neodecanoic acid	26896-20-8	0.05%	N	R51/53
Bismuth Trisneodecanoate	34364-26-6	0.10%	N	R51/53
Benzeneproanoic acid, 3-(2H benzotriazole-2-YL)-5-(1,1 dimethyl ethyl)-4-hydroxy, C7-9 branched and linear alkyl esters	127519-17-9	0.57%	N	R51/53
Bis(1,2,2,6,6 pentamethyl-4-piperidyl) sebacate	041556-26-7	0.14%	Xi-N	R43; R50/53
Methyl 1,2,2,6,6 pentamethyl-4-piperidyl sebacate	082919-37-7	0.06%	Xi-N	R43; R50/53
Benzeneproanoic acid,3,5 bis				

(1,1 dimethylethyl)-4- hydroxy C7-9 branched alkyl esters	125643-61-0	1.00%	Xi-N	R53
Cyclohexanone	108-94-1	0.04%	Xi-N	R53
Kerosene	8008-20-6	0.06%	Xi-N	R51/53

### 3. HAZARDS IDENTIFICATION:

**HMIS:** HEALTH - 1, FIRE - 1 , REACTIVITY - 0

**Threshold Limit Value :** Not established by ACGIH or OSHA

**Routes of Entry :** At room temperature by skin absorption or ingestion. At high temperature or if the material is atomized , by inhalation

**Signs and Symptoms of Exposure:**

**Eyes :** redness, irritation.  
**Skin :** rash, redness.  
**Inhalation :** Irritation of the respiratory system.  
**Ingestion :** Nausea , irritation of digestive track.

**Medical conditions aggravated by exposure :**

Dermatitis, other respiratory ailments or skin conditions.

**Carcinogenicity:** This product and its constituents are not listed as carcinogens by IARC, NTP or regulated as carcinogens by OSHA at this time.

### 4. FIRST AID MEASURES:

**General:** Using appropriate personal protective equipment, immediately remove the affected persons from the source of contamination.

**Inhalation:** Immediately remove affected persons from the source of contamination and provide fresh air. Seek medical advice if any discomfort persists.

**Ingestion:** **DO NOT INDUCE VOMITING.** Seek immediate medical attention showing the labels on the product cans.

**Skin:** Immediately remove all contaminated clothing and wash the affected areas with soap or detergent and plenty of warm water. Seek medical attention if any irritation persist.

**Eyes:** Promptly wash the eyes with lots of water and seek immediate medical attention.

## 5. FIRE FIGHTING MEASURES:

### Extinguishing Media:

Use water spray; foam, dry chemical or carbon dioxide extinguishers or sand

### Special Fire Fighting Procedures:

Keep run-off waters out of sewers and water courses.

### Unusual Fire & Explosion Hazards:

Fire causes release of toxic gases.

### Protective Measures in Fire:

Wear self contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES.

### Personal Protection:

No special provisions are required; wear sensible industrial clothing and launder as soon as possible after contamination.

### Precautions to Protect the Environment

Prevent the product from entering drains, sewers and surface or ground water. This product has no long term environmental effect.

### Spill Clean-Up Methods:

Absorb in dry sand or earth and place in seal containers for disposal according to local regulations.

## 7. HANDLING AND STORAGE:

### Usage Precautions:

No specific usage precautions are required.

### Storage Precautions:

Keep in cool, dry ventilated storage between 15°C and 25°C  
Keep containers tightly closed  
Keep separate from food, feedstuffs, fertilisers, acids, alkalis and isocyanates

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

### Ingredients Comments:

No exposure limits noted for ingredients

### Protective Equipment:

Eye protection and gloves

### Process Conditions:

Provide eyewash stations

### Ventilation:

Provide adequate ventilation.

### Respirators:

No specific recommendations are made

### Protective Gloves:

Rubber or plastic

### Eye Protection:

Wear approved chemical safety goggles

### Other Protection:

Wear sensible regularly laundered overalls

### Hygienic Work Practices:

Wash at the end of each work shift and before eating, smoking or using toilets  
Promptly remove and clothing that becomes contaminated  
Use appropriate skin/barrier creams  
Do not eat or drink whilst working with the material. **DO NOT SMOKE IN THE WORK AREA.**

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

### Appearance:

Liquid

### Colour:

Natural colour no added pigments

### Odour/Taste:

Odourless or no characteristic odour

### Solubility:

Slightly soluble in water. Readily soluble in solvents

### Volatility:

Emits vapours during heating

## 10. STABILITY AND REACTIVITY:

**Stability:** No particular stability concerns

**Conditions to Avoid:**  
Exothermic reaction with isocyanates

**Hazardous Polymerisation:**  
Will not auto-polymerise

**Materials to Avoid:**  
Acids, alkalis and isocyanates

**Hazardous Decomposition Products:**  
In a fire or at high temperatures the product will decompose to release carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>)

## 11. TOXICOLOGICAL INFORMATION:

**Ingestion:** The acute and chronic effects to humans of this product via ingestion are not known

**Skin:** Usually no effect other than mild 'tanning' of skin surface. Prolonged exposure, especially on sensitive skin, may cause irritation

**Eyes:** No long term damage is expected, although any eye contact must be treated by thorough irrigation with cold water.

## 12. ECOLOGICAL INFORMATION:

**Ecological Information:**  
Not regarded as dangerous for the environment

**Degradability:**  
Not readily biodegradable

## 13. DISPOSAL CONSIDERATIONS:

**General/Cleaning:**  
Small spillages can be cleaned up using hot water and detergent. Larger spillages should be absorbed in dry sand or earth and any residual traces cleaned with hot water and detergent.

**Disposal Methods:**  
Part A should be mixed with Part B, allowed to set and then be disposed of according to Local Authority requirements. Product for disposal should be kept in sealed containers and be disposed of according to Local authority Regulations.

#### 14. TRANSPORT INFORMATION:

**General:** Not classified as hazardous under transport regulations. Keep separate from foodstuffs.

**UN No Road::** Not applicable

#### 15. REGULATORY INFORMATION:

**Risk Phrases:**

Not classified

**Safety Phrases:**

Not classified

**UK Regulatory Data:**

Chemicals (Hazard Information & Packaging) Regulations 1993. Health & Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations 1988.

**EU Directives:**

Dangerous Preparations Directive 88\379. System of Specific Information Relating to Dangerous Preparations 91\155

**Statutory Instruments:**

Chemicals (Hazard Information and Packaging) Regulations 1993. Control of Substances Hazardous to Health Regulations 1988

**Approved Code of Practice:**

Safety Data Sheets for Substances and Preparations L37. Classification and Labelling of Substances and Preparations Dangerous for Supply

**Guidance Notes:**

Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP For Everyone HSG(108)

#### 16. OTHER INFORMATION:

Unisect Part A's are designed to be used with Unisect Part B's and the Health & Safety Data for Unisect Part B's should be studied before use of these products.

This Health & Safety Data Sheet has been compiled using data relating to the constituent parts of Unisect Part A's and whilst no synergistic effects are known the existence of these effects cannot be totally excluded.