

## 1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name:** UR 5825 PART B
- **Application of the substance / the preparation** Polyurethane resin
- **Manufacturer/Supplier:**  
 AXSON FRANCE  
 Rue de l'Equerre  
 F-95310 SAINT OUEN L'AUMONE  
 Tél.(33-1)34 40 34 60
- **Further information obtainable from:** LAB. R&D -(33) 01 34 40 34 60
- **Information in case of emergency:** ORFILA : (33)01 45 42 59 59

## 2 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 106264-79-3 ELINCS: 403-240-8	6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine Xn, N; R 22-43-50/53	≤ 2.5%
CAS: 26545-49-3 EINECS: 247-783-7	Phenylmercuric neodecanoate T, N; R 25-34-48/24/25-50/53	≤ 2.5%

## 3 Hazards identification

- **Hazard description:**



Xi Irritant

- **Information concerning particular hazards for human and environment:**  
 R 43 May cause sensitisation by skin contact.  
 R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 4 First-aid measures

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**  
 Immediately wash with water and soap and rinse thoroughly.  
 If skin irritation continues, consult a doctor.
- **After eye contact:**  
 Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Do not induce vomiting; call for medical help immediately.

## 5 Fire-fighting measures

- **Suitable extinguishing agents:**  
 CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Protective equipment:** Wear self-contained respiratory protective device.

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· **Additional information**

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### 6 Accidental release measures

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.
- **Measures for environmental protection:** Prevent seepage into sewage system, workpits and cellars.
- **Measures for cleaning/collecting:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

### 7 Handling and storage

- **Handling:**
- **Information for safe handling:** Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:** Protect from heat.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Prevent any seepage into the ground.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:**  
Store in cool, dry conditions in well sealed receptacles.

### 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

- **Ingredients with limit values that require monitoring at the workplace:**

1317-65-3 Carbonate de calcium naturel broyé

OES	Long-term value: $10 \cdot 4^{**}$ mg/m <sup>3</sup> *total inhalable dust **respirable dust
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- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.  
Avoid close or long term contact with the skin.
- **Respiratory protection:** Not necessary if room is well-ventilated.
- **Protection of hands:**



Protective gloves

- **Material of gloves** PVC gloves
- **Eye protection:**



Safety glasses

Tightly sealed goggles

- **Body protection:** Protective work clothing

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### 9 Physical and chemical properties

#### · General Information

**Form:** Fluid  
**Colour:** Beige  
**Odour:** Characteristic

#### · Change in condition

**Melting point/Melting range:** NA°C  
**Boiling point/Boiling range:** NA°C

- **Flash point:** >110°C
- **Self-igniting:** Product is not selfigniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Density at 20°C:** 1.15 g/cm<sup>3</sup>
- **Solubility in / Miscibility with water:** Insoluble.
- **organic solvents:** Soluble in many organic solvents.

### 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** Reacts with oxidizing agents.
- **Dangerous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

#### · Acute toxicity:

#### · LD/LC50 values relevant for classification:

106264-79-3 6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine

Oral	LD50	1515 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rabbit)

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** Sensitization possible through skin contact.

### 12 Ecological information

- **Information about elimination (persistence and degradability):**
- **Other information:** The product is difficultly biodegradable.
- **General notes:** At present there are no ecotoxicological assessments.

### 13 Disposal considerations

- **Product:**
- **Recommendation**  
Dispose of the product by burning in a suitable incinerator or bury in an approved landfill following all applicable local and/or national regulations.

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· **European waste catalogue**

20 01 27	paint, inks, adhesives and resins containing dangerous substances
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· **Uncleaned packaging:**

· **Recommendation:**

Empty containers may not be disposed of unless any remaining material adhering to the internal walls has been removed.

### 14 Transport information

· **Land transport ADR/RID (cross-border)**

· **ADR/RID class:** -

· **Maritime transport IMDG:**

· **IMDG Class:** -

· **Air transport ICAO-TI and IATA-DGR:**

· **ICAO/IATA Class:** -

· **Transport/Additional information:** Not dangerous according to the above specifications.

### 15 Regulatory information

· **Labelling according to EU guidelines:**

The product has been marked in accordance with EU Directives / respective national laws.

· **Code letter and hazard designation of product:**

Xi Irritant

· **Hazard-determining components of labelling:**

6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine

· **Risk phrases:**

43 May cause sensitisation by skin contact.

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

· **Safety phrases:**

24 Avoid contact with skin.

37 Wear suitable gloves.

61 Avoid release to the environment. Refer to special instructions/safety data sheets.

· **National regulations:**

· **Waterhazard class:** Water hazard class 2 (Self-assessment): hazardous for water.

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant R-phrases**

22 Harmful if swallowed.

25 Toxic if swallowed.

34 Causes burns.

43 May cause sensitisation by skin contact.

48/24/25 Toxic: danger of serious damage to health by prolonged exposure in contact with skin and if swallowed.

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50/53    *Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.*

· **Department issuing MSDS: Product Safety and Toxicology**

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