

## Safety Data Sheet according to 1907/2006/EC, Article 31

Printing date 29.08.2007

Revision: 29.08.2007

### 1 Identification of substance:

· **Product details:**

· **Trade name:** Intumex V

· **Data Sheet No.:** IN 016

· **Application of the substance/  
the preparation:**

Intumex is applied in passive fire preventions against spread of fire, smoke and hot gases.

Only for trade/industrial use.

Any other application of this product than described here has to be done in agreement with the the producer.

· **Manufacturer/Supplier:** INTUMEX GmbH  
Buchnerplatz 1  
A-4021 Linz  
Austria

Tel.: +43 732 6912-0  
Fax.: +43 732-6912-3740

· **Further information obtainable from:**

· **Competent person:** Dr. Edwin Gauch  
Tel. +43(0)732 6912-3454  
e-mail: edwin.gauch@intumex.at

· **Information in case of  
emergency:** Tel.: +43 (0)732 6912-0

· **Changes:** Changes to last version of this data sheet are indicated in chapter 16.

### 2 Hazards identification

· **Hazard description:** not applicable

· **Information concerning to  
particular hazards to man and  
environment** not applicable

### 3 Composition/information on ingredients

· **Chemical characterization:**

· **CAS No. Description:** Intumex V

· **Identification number(s):**

· **EINECS Number:** Not listed in EINECS.

· **UN-Number:** Not classified as dangerous for transport.

### 4 First aid measures

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:** Immediately rinse with water.

· **After eye contact:** Rinse opened eye for several minutes under running water.

· **After swallowing:**  Call a doctor immediately.

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### 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.
- **Special hazards caused by the substance, its products of combustion or resulting gases:** In case of fire, the following can be released:  
Carbon monoxide (CO)
- **Protective equipment:** Wear self-contained respiratory protective device.

### 6 Accidental release measures

- **Person-related safety precautions:** Remove persons from danger area.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:** Pick up mechanically. If formation of dust cannot be avoided use respiratory filter device.
- **Additional information:** No dangerous substances are released.

### 7 Handling and storage

- **Handling**
- **Information for safe handling:** Keep containers tightly sealed.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.

### 8 Exposure controls/personal protection

- **Ingredients with limit values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures** The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Not necessary if room is well-ventilated.

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- **Protection of hands:** Protective gloves.
- **Eye protection:**  Safety glasses
- **Body protection:** Protective work clothing.
- **Risk management measures** General protective and hygienic measures have to be observed. Handling and use of this material/formulation only under controlled conditions in closed systems. Employees who use this material/formulation must be trained and demonstrably instructed about possible risks for man and environment. Measures for prevention of hazards in case of unwanted leakage (LOPC) shall be implemented.

**9 Physical and chemical properties:**· **General Information**

- **Form:** Powder
- **Colour:** Grey
- **Odour:** Odourless

· **Change in condition**

- **Melting point/Melting range:** Not determined
- **Boiling point/Boiling range:** undetermined

- **Flash point:** not applicable

- **Flammability (solid, gaseous)** Undetermined

- **Danger of explosion:** Product does not present an explosion hazard.

- **Density:** undetermined

- **Bulk density at 20°C:** 0.65-0.8 kg/m<sup>3</sup>

· **Solubility in / Miscibility with**

- **Water:** Insoluble

**10 Stability and reactivity**

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:** None

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### 11 Toxicological information

- **Acute toxicity:**
- **LD/LC50 values relevant for classification:**  
No data available that are relevant for classification.
- **Primary irritant effect:**
  - **on the skin:** No irritating effect known.
  - **on the eye:** No irritating effect known.
- **Sensitization:** No sensitizing effect known.
- **Additional toxicological information:**  
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.  
The substance is not subject to classification according to the latest version of the EU lists.
- **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)**  
No data available.

### 12 Ecological information:

- **General notes:** Not known to be hazardous to water.

### 13 Disposal considerations

- **Recommendation** Must be specially treated adhering to official regulations.
- **Waste disposal key:** 59305 nach ÖNORM S 2101
- **Uncleaned packaging:**
- **Recommendation:** Packagings that may not be cleansed are to be disposed of in the same manner as the product.

### 14 Transport information

Not classified as dangerous for transport.

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

· **ADR/RID class:** -

#### · Maritime transport IMDG:

· **IMDG Class:** -

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

· **ICAO/IATA Class:** -

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### 15 Regulations

· **Labelling according to EU guidelines:**

The substance is not subject to classification according to EU lists and other sources of literature known to us.

Observe the general safety regulations when handling chemicals  
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

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

· **Risk phrases:** -

· **Safety phrases:** 1/2 Keep locked up and out of the reach of children.

· **National regulations**

· **Water hazard class (Germany):**

· **WGK-No.:**

Substance is not listed.

· **Chemical Inventory Status:**

· **Council Directive 76/769/EEC of 27 July 1976 on the approximation of the laws, regulations and administrative provisions of the Member States relating to restrictions on the marketing and use of certain dangerous substances and preparations:**

Substance is not listed.

· **Council Regulation (EEC) No 2455/92 of 23 July 1992 concerning the export and import of certain dangerous chemicals:**

Substance is not listed.

· **Council Regulation (EC) No 1334/2000 of 22 June 2000 setting up a Community regime for the control of exports of dual-use items and technology:**

Substance is not listed.

· **Council Regulation (EEC) No 3677/90 of 13 December 1990 laying down measures to be taken to discourage the diversion of certain substances to the illicit manufacture of narcotic drugs and psychotropic substances:**

Substance is not listed.

· **Toxic Substances Control Act (TSCA):**

Substance is not listed.

· **EC-list of classified materials:**

Substance is not listed.

· **Austrian List of Toxic Substances:**

Substance is not listed.

· **OSPAR-list of PBT-substances:**

Substance is not listed.

### 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.

· **Training hints:**

Before handling this substance/preparation, the personnel involved should be instructed using this safety data sheet.

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- **Recommended restriction of use:** Only for industrial application - no public use.
- **Sources of data:** Literature data and/or investigation reports are available at the manufacturer.
- **Contact:** Dr. Edwin Gauch  
Tel. +43(0)732 6912-3454  
e-mail: edwin.gauch@intumex.at
- **Changes since last issue:** Adaptation to EU Directive 1907/2006.
- **This issue replaces version from:** 16-Jan.-2003
- \* **Data compared to the previous version altered.**

**End of Material Safety Data Sheet**

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