

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 SN**

· **Data Sheet No.:** IN017

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

Only for trade/industrial use.

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

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

· **Manufacturer/Supplier:**

INTUMEX GmbH
Buchnerplatz 1
A-4021 Linz
Austria

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

· **Further information
obtainable from:**

+43(0)732 6912 3989

· **Competent person:**

Dr. Edwin Gauch
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· **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:**



Xi Irritant

· **Information concerning to
particular hazards to man and
environment**

R 43 May cause sensitisation by skin contact.

· **Classification system**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.



3 Composition/information on ingredients

· **Chemical characterization**

· **Description:**

Mixture of substances listed below with nonhazardous additions.

· **Dangerous components relevant for classification:**

CAS: 22984-54-9	butan-2-one O,O',O''-(methylsilylydine)trioxime	 Xn,  Xi; R 21-36/38-43	2.5%
EINECS: 245-366-4			

4 First aid measures

· **General information:**

Immediately remove any clothing soiled by the product.

· **After inhalation:**

Supply fresh air; consult doctor in case of complaints.

· **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

· **After eye contact:**

Rinse opened eye for several minutes under running water.

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- **After swallowing:** Call for a doctor immediately.
- **Information for doctor:**
- **The following symptoms may occur:** Sensitization possible through skin contact.
- **Treatment:** No specific antidot.
Symptomatic treatment.

5 Fire fighting measures

- **Suitable extinguishing agents:** CO₂, 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.
- **Additional information:** Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.
Avoid contact with eyes and skin.
Wear protective clothing.
- **Measures for environmental protection:** Do not flush into surface water or sanitary sewer system.
- **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:** Keep containers tightly sealed.
- **Storage**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.

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· **Further information about storage conditions:**

Store in cool, dry conditions in well sealed containers.

8 Exposure controls/personal protection

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

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **Additional information:** The lists valid during the making were used as basis.

· **Personal protective equipment**

· **General protective and hygienic measures**

Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Notice: Product may cause sensitization through skin contact.

· **Respiratory protection:**

Not necessary if room is well-ventilated.

· **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:** Fluid
· **Colour:** Coloured
· **Odour:** Characteristic

· **Change in condition**

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

· **Flash point:** 162°C

· **Ignition temperature:** 400°C

· **Self-igniting:** Product is not selfigniting.

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

· **Density at 20°C:** 1.16 g/cm³

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- | | |
|---|----------------------------------|
| · Solubility in / Miscibility with | |
| · Water: | Not miscible or difficult to mix |
| · Solvent content: | |
| · Organic solvents: | 0.0 % |
| · Solids content: | 28.8 % |

10 Stability and reactivity

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

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:** Sensitization possible through skin contact (literature).
- **Additional toxicological information:** The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.
- **Genotoxicity:**
- **Ames-test:** No data available.
- **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)** No data available.

12 Ecological information:

- **Information about elimination (persistence and degradability):** No data available.
- **Ecotoxicological effects:**
- **Aquatic toxicity:** No data available.
- **Remark:** Harmful for water organisms.

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- **General notes:** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

- **Recommendation** Must be specially treated adhering to official regulations.
- **European waste catalogue:**


07 07 99	wastes not otherwise specified
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- **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:** -
- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

15 Regulations

- **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:** butan-2-one O,O',O''-(methylsilylidyne)trioxime
- **Risk phrases:** 43 May cause sensitisation by skin contact.
- **Safety phrases:** 24 Avoid contact with skin.
37 Wear suitable gloves.
60 This material and its container must be disposed of as hazardous waste.

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· **National regulations**

· **Water hazard class (Germany):**

Water hazard class 1 (Self-assessment): slightly hazardous for water.

· **WGK-No.:**

None of the ingredients is 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:**

None of the ingredients is listed.

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

None of the ingredients is 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:**

None of the ingredients is 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:**

None of the ingredients is listed.

· **Existing and New Chemicals Substances List Japan (ENCS):**

All ingredients are listed.

· **Australian Inventory of Chemical Substances (AICS):**

All ingredients are listed.

· **Korean Existing Chemicals List (ECL):**

butan-2-one O,O',O''-(methylsilylidyne)trioxime

KE-03880

· **Philippines Inventory of Chemicals and Chemical Substances (PICCS):**

All ingredients are listed.

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

All ingredients are listed.

· **Inventory of Existing Chemical Substances Manufactured or Imported in China (IECSC):**

All ingredients are listed.

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

None of the ingredients is listed.

· **Austrian List of Toxic Substances:**

None of the ingredients is listed.

· **OSPAR-list of PBT-substances:**

None of the ingredients is 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.

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- **Relevant R-phrases of single components:**
 - 21 Harmful in contact with skin.
 - 36/38 Irritating to eyes and skin.
 - 43 May cause sensitisation by skin contact.
- **Training hints:** Before handling this substance/preparation, the personnel involved should be instructed using this safety data sheet.
- **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:** 05-Oct.-2001
- *** Data compared to the previous version altered.**

End of Material Safety Data Sheet

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