

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 23.03.2011

Version: 2

Revision: 20.11.2007

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

- **Product identifier**
- **Trade name:** Pokon silk and dried flower cleaner
- **Article number:** T709
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the preparation** Plant care product
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Chrysal International BV  
Postbus 5300  
1410 AH NAARDEN  
Gooimeer 7  
1411 DD NAARDEN  
Tel.: +31 (0)35 6955888  
Fax: +31 (0)35 6955822  
E-mail: info@chrysal.nl
- **Further information obtainable from:** Department: Legal & Regulatory
- **Emergency telephone number:** Tel.: +31 (0)35 6955851

### 2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Void
- **Information concerning particular hazards for human and environment:**  
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.  
Warning! Pressurized container.
- **Classification system:**  
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

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- **Label elements**
- **Labelling according to EU guidelines:** Observe the general safety regulations when handling chemicals.
- **Safety phrases:**  
2 Keep out of the reach of children.  
13 Keep away from food, drink and animal feedingstuffs.  
23 Do not breathe aerosol.  
51 Use only in well-ventilated areas.
- **Special labelling of certain preparations:**  
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.  
20.0 % by mass of the contents are flammable  
Keep out of the reach of children
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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### 3 Composition/information on ingredients

· **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

106-97-8	butane	F+ R12	10-25%
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· **Additional information:** For the wording of the listed risk phrases refer to section 16.

### 4 First aid measures

· **Description of 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.

In case of complaints consult a doctor.

· **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.

· **After swallowing:**

Do not induce vomiting.

Seek medical treatment.

### 5 Firefighting measures

· **Extinguishing media**

· **Suitable extinguishing agents:**

Water haze

Foam

Carbon dioxide

· **For safety reasons unsuitable extinguishing agents:** Water with full jet

· **Advice for firefighters**

· **Protective equipment:** Mount respiratory protective device.

### 6 Accidental release measures

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

Keep away from ignition sources.

Ensure adequate ventilation

Particular danger of slipping on leaked/spilled product.

· **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

· **Methods and material for containment and cleaning up:**

Ensure adequate ventilation.

Absorb liquid components with liquid-binding material.

Dispose contaminated material as waste according to item 13.

· **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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**7 Handling and storage**

- **Handling:**
- **Precautions for safe handling**  
Work only in fume cupboard.  
Spilling or spraying on floors causes slippery floors with danger of slipping.
- **Information about fire - and explosion protection:**  
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Observe official regulations on storing packagings with pressurized containers.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Store in dry conditions.  
Store receptacle in fume cupboard.  
Protect from frost.  
Keep out of reach of children.
- **Maximum storage temperature:** 40°C
- **Minimum storage temperature:** 4°C

**8 Exposure controls/personal protection**

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

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

**106-97-8 butane**

WEL	Short-term value: 1810 mg/m <sup>3</sup> , 750 ppm
	Long-term value: 1450 mg/m <sup>3</sup> , 600 ppm

- **Additional information:** The lists valid during the making were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.  
Keep away from foodstuffs, beverages and feed.  
Do not inhale gases / fumes / aerosols.  
Do not eat, drink, smoke or sniff while working.
- **Respiratory protection:** Use suitable respiratory protective device in case of insufficient ventilation.
- **Protection of hands:** Not required.
- **Material of gloves -**
- **Penetration time of glove material -**
- **Eye protection:** When following instructions eye protection is not necessary

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**9 Physical and chemical properties**

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

<b>Form:</b>	Aerosol
<b>Colour:</b>	Whitish
<b>Odour:</b>	Odourless

· **Change in condition**

**Melting point/Melting range:** Undetermined.  
**Boiling point/Boiling range:** Not applicable, as aerosol.

· **Flash point:** Not applicable, as aerosol.

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

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

· **Vapour pressure at 20°C:** 4000 hPa

· **Density:** 0.841 g/cm<sup>3</sup>

· **Solubility in / Miscibility with water:** Fully miscible.

· **Solvent content:**

<b>Organic solvents:</b>	25.0 %
<b>Water:</b>	68.2 %

**10 Stability and reactivity**

· **Reactivity**

· **Chemical stability**

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

· **Possibility of hazardous reactions** No dangerous reactions known.

· **Hazardous decomposition products:** No dangerous decomposition products known.

**11 Toxicological information**

· **Information on toxicological effects**

· **Acute toxicity:**

· **Primary irritant effect:**

· **on the skin:** Irritation is possible.

· **on the eye:** Irritation is possible.

· **Sensitization:** No sensitizing effects known.

· **Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

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### 12 Ecological information

- **Toxicity**
- **Acquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Generally not hazardous for water
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation** Smaller quantities can be disposed of with household waste.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

### 14 Transport information

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



- **ADR/RID class:** 2 5A Gases.
- **Danger code (Kemler):** 20
- **UN-Number:** 1950
- **Packaging group:** -
- **Hazard label** 2.2
- **UN proper shipping name:** 1950 AEROSOLS

- **Maritime transport IMDG:**



- **IMDG Class:** 2
- **UN Number:** 1950
- **Label** 2.2
- **Packaging group:** -
- **EMS Number:** F-D,S-U
- **Marine pollutant:** No
- **Proper shipping name:** AEROSOLS

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



- **ICAO/IATA Class:** 2.2
- **UN/ID Number:** 1950
- **Label** 2.2
- **Packaging group:** -
- **Proper shipping name:** AEROSOLS, non-flammable

· **Special precautions for user** Warning: Gases.

### 15 Regulatory information

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

· **Labelling according to EU guidelines:**

Observe the general safety regulations when handling chemicals.

· **Safety phrases:**

- 2 Keep out of the reach of children.
- 13 Keep away from food, drink and animal feedingstuffs.
- 23 Do not breathe aerosol.
- 51 Use only in well-ventilated areas.

· **Special labelling of certain preparations:**

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

20.0 % by mass of the contents are flammable

Keep out of the reach of children

· **National regulations:**

· **Technical instructions (air):**

Class	Share in %
Water	68.2
III	20.0

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 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 phrases**

R12 Extremely flammable.

· **Department issuing MSDS:** Department: Legal & Regulatory