

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

Printing date 20.11.2007

Version: 1

Revision: 20.11.2007

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

- **Product details**
- **Trade name:** Pokon silk and dried flower cleaner
- **Article number:** T709
- **Application of the substance / the preparation** Plant, flower and/or garden care product
- **Manufacturer/Supplier:**
Chrysal International BV
P.O. Box 5300
1410 AH NAARDEN
Gooimeer 7
1411 DD NAARDEN
The Netherlands
Tel.: +31 (0)35 6955888
Fax: +31 (0)35 6955822
E-mail: info@chrysal.nl
- **Further information obtainable from:**
Department: Regulatory Affairs
Contact: P. Herman
- **Information in case of emergency:** Tel.: +31 (0)35 6955851

2 Hazards identification

- **Hazard description:** Not applicable.
- **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.
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
- **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:**

CAS: 106-97-8	butane	F+; R 12	10-25%
EINECS: 203-448-7			

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

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4 First-aid measures

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Remove any clothing soiled by the product.
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 Fire-fighting measures

- **Suitable extinguishing agents:**
Water haze
Foam
Carbon dioxide
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Protective equipment:** Mount respiratory protective device.

6 Accidental release measures

- **Person-related safety precautions:**
Keep away from ignition sources.
Ensure adequate ventilation
Particular danger of slipping on leaked/spilled product.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
Ensure adequate ventilation.
Absorb liquid components with liquid-binding material.
Dispose contaminated material as waste according to item 13.

7 Handling and storage

- **Handling:**
- **Information 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.
- **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.

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- **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.

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

106-97-8 butane

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

- **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.
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:**



Protective gloves

- **Material of gloves:** Rubber gloves
- **Penetration time of glove material -**
- **Eye protection:** Safety glasses

9 Physical and chemical properties

- **General Information**

Form:	Aerosol
Colour:	Whitish
Odour:	Odourless

- **Change in condition**

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

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

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· 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 ³
· Solubility in / Miscibility with water:	Fully miscible.
· Solvent content:	
Organic solvents:	25.0 %
Water:	68.2 %

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:** No dangerous decomposition products known.

11 Toxicological information

- **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.

12 Ecological information

- **General notes:** Generally not hazardous for water

13 Disposal considerations

- **Product:**
- **Recommendation** Smaller quantities can be disposed of with household waste.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

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· **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
 · **Description of goods:** 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

· **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

15 Regulatory information

· **Labelling according to EU guidelines:**
 Observe the general safety regulations when handling chemicals.

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The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

· **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

- **Waterhazard class:** Generally not 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**

- 12 Extremely flammable.

· **Department issuing MSDS:** Department: Regulatory Affairs

· **Contact:** P. Herman