

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 30.07.2012

Version: 1

Revision: 30.07.2012

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- Trade name: **PCO-I**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against:** -
- **Uses advised against:** -
- **Application of the substance / the preparation:** Bakery separating agent for professional use
- **1.3 Details of the supplier of the safety data sheet**
- **Supplier/Manufacturer:**
Boyens Backservice GmbH
Gildestraße 76-80
49479 Ibbenbüren
Germany

Tel.: +49-5451-9637-0
Fax: +49-5451-9637-16

E-Mail: info@boyensbackservice.de
Internet www.boyensbackservice.de
- **Email competent person:** sds@kft.de
- **Information department:**
Distribution department
Telephone: +49-5451-96370
- **1.4 Emergency telephone number:**
National Poisons Information Service (NPIS)
24 hour national number is 0844 892 0111 professionals only

National Health Service (NHS)
24 hour national number is 0845 4647 consumer
Telephone exchange:
+49-5451-96370
Mon-Thu 7.30-16.30h
Fri 7.30-13.00h

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
 - **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** not applicable
 - **Information concerning particular hazards for human and environment:**
According to current European laws and regulations the product is not dangerous or toxic material (based on the available data).
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.
 - **Classification system:**
The classification was made according to the latest editions of the EC-lists and expanded using company data and specialized literature.
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- **2.2 Label elements**
 - **Labelling according to EU guidelines:**
The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).
Observe the general safety regulations when handling chemicals
 - **2.3 Other hazards**
 - **Results of PBT and vPvB assessment**
 - **PBT:** Not applicable

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- vPvB: Not applicable

SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterization: Mixtures**
- **Description:** Preparation of vegetable oils
- **Dangerous components:** Void

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:**
Rather unlikely if used appropriately.
In case of complaints which may be caused by vapours supply fresh air and call a doctor.
- **After skin contact:** Wash with water and soap.
- **After eye contact:**
Rinse the eyes with open eyelids for 10 - 15 minutes with water.
If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse mouth with water.
Spit liquid out again.
Drink 2-4 glasses of water.
In case of unintentional swallowing of larger quantities or if any symptoms occur seek medical treatment.
- **4.2 Most important symptoms and effects, both acute and delayed**
After the uptake of large quantities:
Gastric or intestinal disorders.
- **4.3 Indication of any immediate medical attention and special treatment needed** Symptomatic treatment

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** Fire extinguisher fire class A+F
- **For safety reasons unsuitable extinguishing agents:**
Water
High volume water jet
Carbon dioxide
Extinguishing powder
- **5.2 Special hazards arising from the substance or mixture**
In case of fire, the following can be released:
Carbon dioxide (CO₂)
Carbon monoxide (CO)
Toxic pyrolyzates
- **5.3 Advice for firefighters**
- **Protective equipment:**
Wear self-contained respiratory protective device.
Wear a fully protective suit.
- **Additional information:** Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Particular danger of slipping on leaked/spilled product.

Do not smoke - keep ignition sources away

6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

Prevent from spreading (e.g. by damming-in or oil barriers).

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Make sure to recycle or dispose of in suitable receptacles.

6.4 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.

SECTION 7: Handling and storage

7.1 Precautions for safe handling No special precautions are necessary if used correctly.

Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Observe the general rules of industrial fire protection.

7.2 Conditions for safe storage, including any incompatibilities**Storage:****Requirements to be met by storerooms and receptacles:**

Store container tightly sealed at a cool and dry place with sufficient ventilation.

Information about storage in one common storage facility:

Store away from oxidizing agents.

Store away from acids.

Do not store together with alkalies (caustic solutions).

Further information about storage conditions: Keep receptacle tightly sealed.

Storage class: 10 Combustible liquids

7.3 Specific end use(s) No further relevant information available

SECTION 8: Exposure controls/personal protection

Additional information about design of technical systems: No further data; see item 7.

8.1 Control parameters**Components 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 that were valid during the creation were used as basis.

8.2 Exposure controls**Personal protective equipment:**

General protective and hygienic measures: The usual precautionary measures should be adhered to when handling chemicals.

Breathing equipment: Not necessary if you follow the instructions for use

Protection of hands:

At longer contact: protective gloves

The glove material has to be impermeable and resistant to the product/substance/preparation.

Selection of the glove material in consideration of the penetration times, rates of diffusion and the degradation

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After use of gloves apply skin-cleaning agents and skin cosmetics.

· **Material of gloves:**

The selection of suitable gloves depends upon the material, and also upon the quality of the gloves. The degree of protection will vary from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material:**

The exact penetration time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Goggles recommended during refilling

· **Body protection:** Protective work clothing

SECTION 9: Physical and chemical properties

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

· **General Information:**

· **Appearance:**

Form:	Liquid Oily
Colour:	Yellowish
Odour:	Characteristic
Odour threshold:	Not determined

· pH-value: Not determined

· **Change in condition:**

Melting point/Melting range:	-2 bis-10°C
Boiling point/Boiling range:	Not determined

· Flash point: Not applicable

· Flammability (solid, gaseous): Not applicable

· **Ignition temperature:**

Decomposition temperature: Not determined

· Self ignition temperature: Product is not self-igniting.

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

· **Explosion limits:**

Lower:	Not applicable
Upper:	Not applicable

· Vapour pressure: Not determined

· Density at 20°C: 0.91-0.92 g/cm³

· Relative density: Not determined

· Vapour density: Not determined

· Evaporation rate: Not determined

· **Solubility in / Miscibility with**

Water: Not miscible or difficult to mix

· Partition coefficient (n-octanol/water): Not determined

· **Viscosity:**

dynamic:	Not determined
kinematic:	Not determined

· **9.2 Other information** No further relevant information available

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SECTION 10: Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications
To avoid thermal decomposition do not overheat.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available
- **10.5 Incompatible materials:**
Oxidants
Acids
Bases
- **10.6 Hazardous decomposition products:**
Upon thermal decomposition:
Acrolein

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:**
No toxicity data are available for the product itself.
Due to the composition no relevant toxicity is expected.
- **Primary irritant effect:**
- **on the skin:** No irritating effect
- **on the eye:** No irritating effect
- **Sensitization:** No sensitizing effects known
- **Subacute to chronic toxicity:**
- **STOT-single exposure** No data available
- **STOT-repeated exposure:** No data available
- **Aspiration hazard** No data available
- **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 according to our experience and the information provided to us.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available
- **12.2 Persistence and degradability** No further relevant information available
- **12.3 Bioaccumulative potential** No further relevant information available
- **12.4 Mobility in soil** No further relevant information available
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous to water
According to appendix 4 of VwVwS dated 27.7.2005 (German regulation)
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Danger to drinking water is possible if large quantities leak into the ground or into water course.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable

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- **12.6 Other adverse effects** No further relevant information available

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:**
Must be recycled or disposed of according to the regulations. Waste has to be classified according to the European Waste Catalogue based on the identification of the waste generating source.
- **European waste catalogue:**
02 03 99 wastes not otherwise specified
20 01 25 edible oil and fat
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

- | | |
|---|--|
| · 14.1 UN-Number
· ADR, ADN, IMDG, IATA | Void |
| · 14.2 UN proper shipping name
· ADR, ADN, IMDG, IATA | Void |
| · 14.3 Transport hazard class(es)
· ADR, ADN, IMDG, IATA
· Class | Void |
| · 14.4 Packing group
· ADR, IMDG, IATA | Void |
| · 14.5 Environmental hazards:
· Marine pollutant: | No |
| · 14.6 Special precautions for user | Not applicable |
| · 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable |
| · Transport/Additional information: | Not dangerous according to the above regulations |

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **National regulations**
- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 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.

- **Department issuing MSDS:**
KFT Chemieservice GmbH
Im Leuschnerpark. 3 64347 Griesheim
Postfach 1451 64345 Griesheim

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Germany

Phone: +49 6155 86829-0 Fax: +49 6155 86829-25

Safety Data Sheet Service: +49 6155 86829-22

· **Contact:** Angelika Torges· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

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