

Material Safety Data Sheet

According to 91/155 EC

Printing date 31.07.2003

Reviewed on 04.10.2002

1 Identification of substance:

- **Product details:**

- **Trade name:** Ultraclear

- **Article number:** 3905

- **Manufacturer/Supplier:**

Mallinckrodt Baker B.V.

P.O.Box 1

7400 AA Deventer

The Netherlands

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- **Informing department:** ¶ Mallinckrodt Baker Sales Office Tel.: (31) (0) 570 687500

2 Composition/Data on components:

- **Chemical characterization:**

- **CAS No. Designation:**

90622-57-4 Hydrocarbons

- **Identification number(s):**

- **EINECS Number:** 292-459-0

3 Hazards identification

- **Hazard designation:**



Xn Harmful

- **Information pertaining to particular dangers for man and environment**

R 65 Harmful: may cause lung damage if swallowed.

4 First aid measures

- **After inhalation** Supply fresh air; consult doctor in case of symptoms.

- **After skin contact** Instantly wash with water and soap and rinse thoroughly.

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

- **After swallowing** In case of persistent symptoms consult doctor.

5 Fire fighting measures

- **Suitable extinguishing agents**

CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

- **Protective equipment:** Wear self-contained breathing apparatus.

6 Accidental release measures

- **Person-related safety precautions:** Bring persons out of danger.

- **Measures for environmental protection:**

Do not allow product to reach sewage system or water bodies.

- **Measures for cleaning/collecting:**

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

Dispose of contaminated material as waste according to item 13.

(Contd. on page 2)

GB

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(Contd. of page 1)

Ensure adequate ventilation.

7 Handling and storage

- **Handling**
- **Information for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Storage class**
- **Class according to regulation on inflammable liquids:** A III

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with critical values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures**
Keep away from foodstuffs, beverages and food.
Wash hands during breaks and at the end of the work.
- **Breathing equipment:**
In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.
- **Protection of hands:** Protective gloves.
- **Eye protection:** Safety glasses
- **Body protection:** Use protective suit.

9 Physical and chemical properties:

· General Information

Form:	Liquid
Colour:	Colourless
Smell:	Characteristic

· Change in condition

Melting point/Melting range:	< -50°C
Boiling point/Boiling range:	173°C

· Flash point:	63°C
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· Danger of explosion:	Product is not explosive.
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· Critical values for explosion:

Lower:	0.6 Vol %
Upper:	7 Vol %

· Steam pressure at 20°C:	0.66 hPa
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· Density at 20°C	0.765 g/cm ³
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(Contd. on page 3)

GB

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(Contd. of page 2)

- **Solubility in / Miscibility with**
- Water at 20°C:** < 0.1 g/l
- Organic solvents:** 100.0 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known
- **Dangerous products of composition:** No dangerous decomposition products known

11 Toxicological information

- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

Hydrocarbons

Oral	LD50	>10000 mg/kg (rat)
Dermal	LD50	>3000 mg/kg (kon)

- **Primary irritant effect:**

- **on the skin:**

No irritant effect.

Low toxicity, repeatedly or prolonged contact can degrease and dessicate the skin.

- **on the eye:**

redness

Can cause inconvenience for the eye, shall not damage the eye-tissue.

- **Additional toxicological information:**

If swallowed: Minimal toxicity. Small amounts in the bronchial tubes inhaled during swallowing or vomiting can cause bronchopneumonia or lung oedema.

12 Ecological information:

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

13 Disposal considerations

- **Product:**

- **Recommendation**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- **Uncleaned packagings:**

- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**

- **ADR/RID-GGVS/E Class:** not regulated

- **Maritime transport IMDG/GGVSea:**

- **Marine pollutant:** No

GB

(Contd. on page 4)

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(Contd. of page 3)

15 Regulatory information

- **Designation according to EC guidelines:**
The product has been classified and labelled in accordance with EC Directives / Ordinance on Hazardous Materials (GefStoffV)
 - **Code letter and hazard designation of product:**
Xn Harmful
 - **Risk phrases:**
65 Harmful: may cause lung damage if swallowed.
 - **Safety phrases:**
*23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).
36 Wear suitable protective clothing.
62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.*
 - **National regulations**
 - **Classification according to VbF: A III**
 - **Technical instructions (air):**
- | Class | Share in % |
|-------|------------|
| NK | 100.0 |
- **Water hazard class:** *Generally not hazardous for water.*

16 Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing data specification sheet:** *Quality Assurance Department*
- **Contact:** *Mallinckrodt Baker B.V. Deventer Holland Tel. (+31) 570 - 687500*

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