

● **3 Hazards identification**

○ **Emergency overview:**

Flammable.

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

R 10 Flammable.

Classification system

● **6 Accidental release measures**

○ **Person-related safety precautions:**

Wear protective equipment (See section 8). Keep unprotected persons away.

Measures for environmental protection: rquipred

● **10 Stability and reactivity**

○ **Thermal decomposition / conditions to be avoided:**

Visible decomposition with spontaneous ignition on heating

○ **Dangerous reactions** Reacts with acids, alkalis and oxidizing agents

○ **Dangerous products of decomposition:**

No dangerous decomposition products known

● **11 Toxicological information**

○ **Acute toxicity:**

LD/Lc50 values for hazardous components per OSHA criteria:

Nitrocellulose membrane

Oral: LD50: 2000 mg/kg (rat)

Dermal: LD50: 2000 mg/kg (rat)

Inhalative: LC50/4 h: 200 mg/l (rat)

○ **Primary irritant effect:**

○ **on the skin:** No irritant effect.

○ **on the eye:** No irritant effect.

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

● **12 Ecological information:**

○ **General notes:** Generally not 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.

Hand over to hazardous waste disposers.

○ **Uncleaned packagings:**

○ **Recommendation:**

Disposal must be made according to official regulations.

● 14 Transport information

- **DOT regulations:**
- **Hazard class:** 4.1
- **Identification number:** UN3270
- **Packing group:** II
- **Proper shipping name (technical name):**
Nitrocellulose membrane filter

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** 4.1 Flammable solids
- **Item:** 7a
- **UN-Number:** 3270
- **Label** 4.1
- **Description of goods:** Nitrocellulose membrane filter

- **Maritime transport IMDG:**
- **IMDG Class:** 4.1
- **UN Number:** 3270
- **Packing group:** II
- **EMS Number:** 4.1-01
- **Marine pollutant:** No
- **Proper shipping name:** Nitrocellulose membrane filter

- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** 4.1
- **UN/ID Number:** 3270
- **Packing group:** II
- **Proper shipping name:** Nitrocellulose membrane filter

● **15 Regulations**

- **SARA (Superfund Amendments and Reauthorization Act of 1986 - USA) Section 302/304 (40CFR35.30 / 40CFR355.40):**

Substance not listed.

- **California Proposition 65:
Chemicals known to cause cancer:**

Substance is not listed.

Chemicals known to cause reproductive toxicity:

Substance is not listed.

- **Markings according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials

- **Risk phrases:** 10 Flammable.

- **Safety phrases:** 16 Keep away from sources of ignition - No smoking.

- **National regulations**

- **Classification according to VbF:** Void

- **Water hazard 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.

- **Department issuing MSDS:** Environmental Health and Safety.

- **Contact:**

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