

# Safety Data Sheet

according to Regulations 1907/2006/EC (REACH) and 2015/830/EU

REF: 741291	Porablot NCL (200x200, 10 sheets)	Page: 1/6
Printing date: 12.05.2021	Date of issue: 04.04.2019	

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

### 1.1 Product identifier

REF 741291  
 Product name Porablot NCL (200x200, 10 sheets)

REACH Registration number(s): see SECTION 3.1/3.2 or  
 A registration number for the substance(s) does not exist because the annual tonnage does not require registration or the substance or its use is excluded from registration.

10 x 1 pc. Porablot NCL (sheet 200x200 mm)

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified uses**  
 Product for analytical use.  
 Exposure Scenario Classification according REACH, RIP 3.2 Codes: SU 0-2, PC 21, PROC 15, AC 0  
 The exposure scenario is integrated into sections 1-16.

**Uses advised against**  
 not described

### 1.3 Details of the supplier of the safety data sheet

**Manufactured by:**  
 MACHEREY-NAGEL GmbH & Co. KG  
 Valenciener Str. 11, 52355 Düren, GERMANY  
 Tel.: +49 2421 969 0 E-mail: sds@mn-net.com (msds@mn-net.com)

### 1.4 Emergency telephone number

Outside Germany (DE): Call your regional Poisons Information Service or call local Life Saving Service.  
 DE: Gemeinsames Giftinformationszentrum (GGIZ) 99089 Erfurt tel. +49 361 730 730

You find our current versions of SDS (22 languages) in Internet: <http://www.mn-net.com/SDS>

## SECTION 2: Hazard identification

### 2.1 Classification of the substance or mixture

1 pc. Porablot NCL (sheet 200x200 mm)



GHS02

Signal word DANGER

Hazard identification	Hazard classes/categories
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H228	Flam. Sol. 1
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### 2.2 Label elements

Harmful chemicals/mixtures with signal word: **WARNING** and highly flammable chemicals/mixtures must not be labelled with H and P phrases **until 125 mL** (EU 1272/2008 Annex I - 1.5.2). **Not hazardous labelled**, because separately packed in small quantities. The following listed labelling would be creating an "OVERLABELLING".

1 pc. Porablot NCL (sheet 200x200 mm)



GHS02

# Safety Data Sheet

according to Regulations 1907/2006/EC (REACH) and 2015/830/EU

REF: 741291

Porablot NCL (200x200, 10 sheets)

Page: 2/6

Printing date: 12.05.2021

Date of issue: 04.04.2019

Signal word: DANGER

## 2.3 Other hazards

### Possible hazards from physicochemical properties

Flammable properties. ---

### Information pertaining to particular risks to human and possible symptoms

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### Information pertaining to particular risks to the environment

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### Other hazards

Small amounts of nitrocellulose sheets for filtration, no mass explosion hazard (H201). ---

## SECTION 3: Composition/information on ingredients

### 3.1 Substances or 3.2 Mixtures

#### 1 pc. Porablot NCL (sheet 200x200 mm)

Chemical: *nitrocellulose (membrane filter)*

CAS No.: 9004-70-0

Classification: H228, Flam. Sol. 1

Formula:  $C_{24}H_{36}N_8O_{38}$ 

Pseudonym: cellulose, nitrate

TSCA Inventory: listed

Indice No.:

603-037-00-6

RTECS: QW0970000

MFCD:

00081525

KE No.: KE-25980

Concentration: 85 - &lt;100 %

acc. CLP (GHS): H228, Flam. Sol. 1

Chemical: *separation paper*

CAS No.: -

Classification: No criteria for classification or naming of chemical not required.

TSCA Inventory: not applicable

Concentration: 98 - &lt;100 %

acc. CLP (GHS): The criteria for classification are not fulfilled.

### 3.3 Remarks

List of H and P phrases: see section 16.1

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

Place insured person out of danger zone to fresh air immediately. Ensure quiet, warmth, and provide resuscitation if necessary. If necessary contact medical advice.

#### 4.1.1 After SKIN Contact

Remove contaminated clothing. Rinse the affected skin or mucous membrane thoroughly under running water.

#### 4.1.2 After EYE Contact

After contact with the eyes rinse thoroughly under running water with the eyelid wide open with eye washing bottle, eye douche or running water (protect intact eye).

#### 4.1.3 After INHALATION of vapours

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#### 4.1.4 After ORAL Intake

After oral intake lots of water should be drunk after it has been ingested. ---

### 4.2 Most important symptoms and effects, both acute and delayed

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### 4.3 Indication of any immediate medical attention and special treatment needed

No additionally recommendations. ---

# Safety Data Sheet

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REF: 741291

Porablot NCL (200x200, 10 sheets)

Page: 3/6

Printing date: 12.05.2021

Date of issue: 04.04.2019

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Fire extinguishers appropriate to the fire classification, and, if applicable, a fire blanket must be available in a prominent location in the work area. All extinguishers like FOAM, WATER SPRAY, DRY POWDER, CARBON DIOXIDE can be used.

### 5.2 Special hazards arising from the substance or mixture

Extremely combustible. ---

### 5.3 Advice for firefighters

No, for listed product. Product package burns like paper or plastic.

### 5.4 Additional information

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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Regular staff training is necessary.

### 6.2 Environmental precautions

not necessary

### 6.3 Methods and material for containment and cleaning up

### 6.4 Reference to other sections

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

### 7.2 Conditions for safe storage, including any incompatibilities

The original product package of MACHEREY-NAGEL allows a safe storage.

Storage class (VCI): 4.1B

Water hazard class (DE):

#### 7.2.1 Requirements for stock rooms and containers

Keep original product packages tightly closed during handling and storage.

### 7.3 Specific end use(s)

Product for analytical use.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

1 pc. Porablot NCL (sheet 200x200 mm)

Chemical: *nitrocellulose (membrane filter)*

CAS No.: 9004-70-0

Chemical: *separation paper*

CAS No.: -

### 8.2 Exposure controls

The highest level of cleanliness must be maintained at the workplace.

#### 8.2.1 Respiratory protection

No additional recommendations.

#### 8.2.2 Hand protection

Yes, gloves according EN 374 (permeation time >30 min - level 2), consist of PVC (f.ex. from Ansell or KCL).

#### 8.2.3 Eye protection

Yes, safety glasses according EN 166 with integrated side shields or wrap-around protection.

#### 8.2.4 Skin protection

# Safety Data Sheet

according to Regulations 1907/2006/EC (REACH) and 2015/830/EU

REF: 741291

Porablot NCL (200x200, 10 sheets)

Page: 4/6

Printing date: 12.05.2021

Date of issue: 04.04.2019

Not necessary.

**8.2.5**

**Personal hygiene**

Eating, drinking, smoking, taking snuff and storage of food in work areas and at outdoor workplaces is prohibited. Avoid contact with the skin, eyes and clothing. Rinse any clothing on which the substance has been spilled, and soak it in water. Wash hands thoroughly with soap and water when stopping work and before eating, and then apply protective skin cream.

## SECTION 9: Physical and chemical properties

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

**1 pc. Porablot NCL (sheet 200x200 mm)**

Appearance: solid

Colour: white

Odor: odorless

**9.2 Other information**

Relevant Properties of Substance Group

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## SECTION 10: Stability and reactivity

**10.1 Reactivity**

no further data available.

**10.2 Chemical stability**

No known instability.

**10.3 Possibility of hazardous reactions**

No further data available.

**10.4 Conditions to avoid**

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**10.5 Incompatible materials**

Avoid contact with concentrated acids and oxidizing agents.

**10.6 Hazardous decomposition products**

In the original package all parts/all reagents are safety and separated stored. Decompositions are not observed during the expiration period under recommended conditions.

## SECTION 11: Toxicological information

**11.1 Information on toxicological effects**

Following information is valid for pure substances.

**1 pc. Porablot NCL (sheet 200x200 mm)**

Chemical: *nitrocellulose (membrane filter)*

CAS No.: 9004-70-0

TSCA Inventory: listed

California Proposition 65 List: not listed

Korea Exist.Chem.Inventory: KE-25980

LD50<sub>orl rat</sub>: >5000 mg/kg

Chemical: *separation paper*

CAS No.: -

TSCA Inventory: not applicable

## SECTION 12: Ecological information

**12.1 Toxicity**

Following information is valid for pure substances.

**1 pc. Porablot NCL (sheet 200x200 mm)**

Chemical: *nitrocellulose (membrane filter)*

CAS No.: 9004-70-0

LC50<sub>fish/96h</sub>: >1000 mg/L

EC50<sub>daphnia/48h</sub>: >1000 mg/L

IC50<sub>scenedesmus quadricauda/72h</sub>: ErC50/72h: >90 g/L

Storage class (VCI): 4.1 B

# Safety Data Sheet

according to Regulations 1907/2006/EC (REACH) and 2015/830/EU

REF: 741291

Porablot NCL (200x200, 10 sheets)

Page: 5/6

Printing date: 12.05.2021

Date of issue: 04.04.2019

Chemical: *separation paper*

CAS No.: -

- 12.2 Persistence and degradability**  
not necessary
- 12.3 Bioaccumulative potential**  
not necessary
- 12.4 Mobility in soil**  
not necessary
- 12.5 Results of PBT and vPvB assessment**  
no data available
- 12.6 Other adverse effects**  
no additional data available

## SECTION 13: Disposal considerations

Please observe local regulations for collection and disposal of hazardous waste and contact waste disposal company, where you will obtain information on laboratory waste disposal (waste code number 16 05 06).

- 13.1 Waste treatment methods**

## SECTION 14: Transport information

class 4.1 II, **Excepted Quantities** ( $\leq 30 \text{ g}/\Sigma \leq 500 \text{ g}$ ) = ADR/ IATA E2 or

- 14.5 Environmental hazards**  
none
- 14.6 Special precautions for user**  
not necessary
- 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code**  
not applicable

## SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
German act governing protection from hazardous substances (Chemicals Act / Chemikaliengesetz- ChemG), revised on August 2013  
German order governing protection from hazardous substances (Ordinance on Hazardous Substances / Gefahrstoffverordnung - GefStoffV), revised on November 2010, according to Directive 98/24/EC  
TRGS 200, German engineering rules governing the classification and labelling of hazardous substances, preparations and products, updated October 2011  
Look for your country-specific regulations.
- 15.2 Chemical safety assessment**  
not necessary for these small amounts ---

## SECTION 16: Other information

- 16.1 List of H and P phrases**
- 16.1.1 List of relevant H phrases**  
H228 Flammable solid.
- 16.1.2 List of relevant P phrases**  
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- 16.2 Training advice**  
Regular safety training.

# Safety Data Sheet

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REF: 741291

Porablot NCL (200x200, 10 sheets)

Page: 6/6

Printing date: 12.05.2021

Date of issue: 04.04.2019

## 16.3 Recommended restriction on use

Only for professional user.

An individual package of this product or test kit has a moderate hazardous potential.

## 16.4 Further information

MACHEREY-NAGEL GmbH & Co. KG provides the information contained herein in good faith being up-to-date of own realizations at revision time. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgement in determining its appropriateness for a particular purpose.

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## 16.5 Sources of key data

Regulation 453/2010/EU REACH - REQUIREMENTS FOR THE COMPILATION OF SAFETY DATA SHEETS

Regulation 487/2013/EU, 4<sup>th</sup> adaptation of CLP regulation to technical and scientific progress

Regulation 669/2018/EU, 4<sup>th</sup> adaptation of CLP regulation to technical and scientific progress

Regulation 1480/2018/EU, 4<sup>th</sup> adaptation of CLP regulation to technical and scientific progress

TRGS 900, German engineering rules governing limits in air at work, updated 03/2019

SUVA .CH, Limits in air at work 2009, revised on 01.2009

KÜHN, BIRETT Merkblätter Gefährliche Arbeitsstoffe (Data Sheets of Hazardous Substances)

### Revisions/Updates

Reason for Revision: 2016-03 Adaptation of regulation 1221/2015/EU