

## **α-Naphtholphthalein**

33424-10G

Version 1.2

Revision Date 17.12.2022

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

#### **1.1. Product identifier**

Product name : α-Naphtholphthalein  
SDS-number : 000000021784  
Type of product : Substance  
Remarks : SDS according to Art. 31 of Regulation (EC) 1907/2006.  
  
Chemical name : α-Naphtholphthalein  
CAS-No. : 596-01-0  
REACH Registration Number : no data available

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

Use of the Substance/Mixture : Laboratory chemicals  
  
Uses advised against : none

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

Company	: Honeywell International Inc. 115 Tabor Road 07950-2546 Morris Plains USA	Honeywell International, Inc. 115 Tabor Road Morris Plains, NJ 07950-2546 USA
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Telephone :  
For further information, please contact: : [SafetyDataSheet@Honeywell.com](mailto:SafetyDataSheet@Honeywell.com)

#### **1.4. Emergency telephone number**

Emergency telephone number : +1-703-527-3887 (ChemTrec-Transport)  
+1-303-389-1414 (Medical)  
Country based Poison : see chapter 15.1

## **α-Naphtholphthalein**

33424-10G

Version 1.2

Revision Date 17.12.2022

Control Center

### **SECTION 2: Hazards identification**

#### **2.1. Classification of the substance or mixture**

##### **REGULATION (EC) No 1272/2008**

Skin irritation Category 2

H315 Causes skin irritation.

Eye irritation Category 2

H319 Causes serious eye irritation.

Specific target organ toxicity - single exposure Category 3 - Respiratory system

H335 May cause respiratory irritation.

#### **2.2. Label elements**

##### **REGULATION (EC) No 1272/2008**

Hazard pictograms



Signal word

: Warning

Hazard statements

: H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.

Precautionary statements

: P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.  
P280 Wear protective gloves/ eye protection/ face protection.  
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308 + P313 IF exposed or concerned: Get medical advice/ attention.

## **α-Naphtholphthalein**

33424-10G

Version 1.2

Revision Date 17.12.2022

### **2.3. Other hazards**

None known. Results of PBT and vPvB assessment, see chapter 12.5.

## **SECTION 3: Composition/information on ingredients**

### **3.1. Substance**

Chemical name	CAS-No. Index-No. REACH Registration Number EC-No.	Classification 1272/2008	Concentration	Remarks
α-Naphtholphthalein	596-01-0 209-875-5	Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335; Respiratory system	100 %	

### **3.2. Mixture**

Not applicable

Occupational Exposure Limit(s), if available, are listed in Section 8.  
For the full text of the H-Statements mentioned in this Section, see Section 16.

## **SECTION 4: First aid measures**

### **4.1 Description of first aid measures**

#### *General advice:*

First aider needs to protect himself. Move out of dangerous area. Take off all contaminated clothing immediately. Consult a physician.

#### *Inhalation:*

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Use oxygen as required, provided a qualified operator is present. Call a physician.

#### *Skin contact:*

Wash off immediately with plenty of water for at least 15 minutes. Take off contaminated clothing and shoes immediately. Wash contaminated clothing before re-use. Call a physician.

#### *Eye contact:*

## **α-Naphtholphthalein**

33424-10G

Version 1.2

Revision Date 17.12.2022

---

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Protect unharmed eye. Call a physician.

*Ingestion:*

Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. If victim is fully conscious, give a cupful of water. Call a physician.

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

No data available

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

Treat symptomatically.

See Section 11 for more detailed information on health effects and symptoms. :

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## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

*Suitable extinguishing media:*

Water spray  
Foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry powder

*Extinguishing media which shall not be used for safety reasons:*

Do not use a solid water stream as it may scatter and spread fire.

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

In case of fire hazardous decomposition products may be produced such as:  
carbon oxides (CO, CO<sub>2</sub>).

## **α-Naphtholphthalein**

33424-10G

Version 1.2

Revision Date 17.12.2022

---

### **5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective suit.  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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## **SECTION 6: Accidental release measures**

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

Wear personal protective equipment. Unprotected persons must be kept away. Ensure adequate ventilation. Avoid dust formation. Avoid contact with skin, eyes and clothing. Do not breathe dust.

### **6.2. Environmental precautions**

Prevent further leakage or spillage if safe to do so. Discharge into the environment must be avoided. Do not flush into surface water or sanitary sewer system.

### **6.3. Methods and materials for containment and cleaning up**

Ventilate the area.  
Pick up and arrange disposal without creating dust.  
Sweep up and shovel.  
Keep in suitable, closed containers for disposal.  
Dispose of in accordance with local regulations.

### **6.4. Reference to other sections**

For personal protection see section 8.

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## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

#### *Advice on safe handling:*

Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

#### *Advice on protection against fire and explosion:*

Normal measures for preventive fire protection.

#### *Hygiene measures:*

## **α-Naphtholphthalein**

33424-10G

Version 1.2

Revision Date 17.12.2022

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When using do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Keep working clothes separately. Remove and wash contaminated clothing before re-use.

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

*Requirements for storage areas and containers:*

Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Store away from incompatible substances.

### **7.3. Specific end use(s)**

no additional data available

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## **SECTION 8: Exposure controls/personal protection**

### **8.1. Control parameters**

#### **Components with workplace control parameters**

Contains no substances with occupational exposure limit values.

#### **DNEL/ PNEC-Values**

No DNEL-data available.

No PNEC data available.

### **8.2. Exposure controls**

#### **Occupational exposure controls**

The Personal Protective Equipment must be in accordance with EN standards:respirator EN 136, 140, 149; safety glasses EN 166; protective suit: EN 340, 463, 468, 943-1, 943-2; gloves EN 374, 511; safety shoes EN-ISO 20345.

Ensure that eyewash stations and safety showers are close to the workstation location.

#### **Engineering measures**

Ensure adequate ventilation.

#### **Personal protective equipment**

## **α-Naphtholphthalein**

33424-10G

Version 1.2

Revision Date 17.12.2022

---

### *Respiratory protection:*

In the case of dust or aerosol formation use respirator with an approved filter.

Recommended Filter type:

Suitable mask with particle filter P3 (European Norm 143)

### *Hand protection:*

Glove material: Natural Latex

Break through time: > 480 min

Glove thickness: 0,6 mm

Lapren®706

Gloves must be inspected prior to use.

Replace when worn.

Remarks: Supplementary note: The specifications are based on information and tests from similar substances by analogy.

Due to varying conditions ( e.g.temperature or other strains) it must be considered that the usage of a chemical protective glove in practice may be much shorter than the permeation time determined in accordance with EN 374.

Since actual conditions of practical use often deviate from standardised conditions according EN 374 the glove manufacturer recommends to use the chemical protective glove in practice not longer than 50% of the recommended permeation time.

Manufacturer's directions for use should be observed because of great diversity of types .

Suitable gloves tested according EN 374 are supplied e.g. from KCL GmbH, D-36124 Eichenzell, Vertrieb@kcl.de

### *Eye protection:*

Safety glasses with side-shields

### *Skin and body protection:*

Wear suitable protective equipment.

Protective suit

Impervious clothing

## **Environmental exposure controls**

Handle in accordance with local environmental regulations and good industrial practices.

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## **SECTION 9: Physical and chemical properties**

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

Physical state : solid

## **α-Naphtholphthalein**

33424-10G

Version 1.2

Revision Date 17.12.2022

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Colour	:	light brown
Odour	:	No data available
molecular weight	:	418,44 g/mol
Melting point/range	:	238 - 240 °C
Boiling point/boiling range	:	No data available
Upper explosion limit	:	No data available
Lower explosion limit	:	No data available
Flash point	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
pH	:	No data available
Viscosity, kinematic	:	No data available
Water solubility	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Vapour pressure	:	No data available
Density	:	No data available
Relative vapour density	:	14,44 (Air = 1.0)

### **9.2 Other Information**

Evaporation rate	:	No data available
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## **α-Naphtholphthalein**

33424-10G

Version 1.2

Revision Date 17.12.2022

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Viscosity, dynamic : No data available

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### **SECTION 10: Stability and reactivity**

#### **10.1. Reactivity**

Stable under recommended storage conditions.

#### **10.2. Chemical stability**

No data available

#### **10.3. Possibility of hazardous reactions**

No data available

#### **10.4. Conditions to avoid**

No data available

#### **10.5. Incompatible materials**

Strong oxidizing agents

#### **10.6. Hazardous decomposition products**

In case of fire hazardous decomposition products may be produced such as:  
carbon oxides (CO, CO<sub>2</sub>).

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### **SECTION 11: Toxicological information**

#### **11.1. Information on toxicological effects**

*Acute oral toxicity:*  
No data available

*Acute dermal toxicity:*  
No data available

*Acute inhalation toxicity:*  
No data available

## **α-Naphtholphthalein**

33424-10G

Version 1.2

Revision Date 17.12.2022

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*Skin irritation:*

Result: Irritating to skin.

*Eye irritation:*

Result: Irritating to eyes.

*Respiratory or skin sensitisation:*

No data available

*Repeated dose toxicity:*

Note: No data available

*Carcinogenicity:*

Note: No data available

*Germ cell mutagenicity:*

Note: No data available

*Reproductive toxicity:*

Remarks: No data available

*Aspiration hazard:*

No data available

### **11.2. Information on other hazards**

Endocrine disrupting properties

No data available

*Other information:*

No data available

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## **SECTION 12: Ecological information**

### **12.1. Toxicity**

*Toxicity to fish:*

No data available

*Toxicity to aquatic plants:*

No data available

## **α-Naphtholphthalein**

33424-10G

Version 1.2

Revision Date 17.12.2022

---

*Toxicity to aquatic invertebrates:*

No data available

### **12.2. Persistence and degradability**

*Biodegradability:*

No data available

### **12.3. Bioaccumulative potential**

No data available

### **12.4. Mobility in soil**

No data available

### **12.5. Results of PBT and vPvB assessment**

No data available

### **12.6. Endocrine disrupting properties**

No data available

### **12.7. Other adverse effects**

No data available

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## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

*Product:*

Dispose according to legal requirements.

*Packaging:*

Legal requirements are to be considered in regard of reuse or disposal of used packaging materials

*Further information:*

Provisions relating to waste:

EC Directive 2006/12/EC; 2008/98/EEC

Regulation No. 1013/2006



**α-Naphtholphthalein**

33424-10G

Version 1.2

Revision Date 17.12.2022

**Poison Control Center**

Country	Phone Number
Austria	+4314064343
Belgium	070 245245
Bulgaria	(+)35929154233
Croatia	(+3851)23-48-342
Cyprus	+357 2240 5611
Czech Republic	+420224919293; +420224915402
Denmark	82121212
Estonia	16662; (+372)6269390
Finland	9471977
France	+33(0)145425959
Greece	+30 210 779 3777
Hungary	(+36-80)201-199
Iceland	5432222
Ireland	+353(1)8092166
Italy	0382 24444
Germany	Berlin : 030/19240
	Bonn : 0228/19240
	Erfurt : 0361/730730
	Freiburg : 0761/19240
	Göttingen : 0551/19240
	Homburg : 06841/19240
	Mainz : 06131/19240
Munich : 089/19240	
Latvia	+37167042473

Country	Phone Number
Liechtenstein	+41 442515151
Lithuania	+370532362052
Luxembourg	070245245; (+352)80002-5500
Malta	+356 2395 2000
Netherlands	030-2748888
Norway	22591300
Poland	+48 42 25 38 400
Portugal	800250250
Romania	+40 21 318 3606
Slovakia (NTIC)	+421 2 54 774 166
Slovenia	+386 1 400 6051
Spain	+34915620420
Sweden	112 (begär Giftninformation); +46104566786
Switzerland	145
United Kingdom	(+44) 844 892 0111

**Other inventory information**

## **α-Naphtholphthalein**

33424-10G

Version 1.2

Revision Date 17.12.2022

---

US. Toxic Substances Control Act  
Not On TSCA Inventory

Australia. Inventory of Industrial Chemicals (AIIC), as amended  
On the inventory, or in compliance with the inventory

Canada. Canadian Environmental Protection Act (CEPA). Domestic Substances List (DSL)  
Not in compliance with the inventory

Japan. Kashin-Hou Law List  
On the inventory, or in compliance with the inventory

Japan. Inventory of Industrial Safety & Health Law (ISHL)  
On the inventory, or in compliance with the inventory

Korea. Existing Chemicals Inventory (KECI)  
Not in compliance with the inventory

Philippines. Inventory of Chemicals and Chemical Substances (PICCS)  
Not in compliance with the inventory

China. Inventory of Existing Chemical Substances (IECSC)  
On the inventory, or in compliance with the inventory

New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand  
On the inventory, or in compliance with the inventory

Taiwan Chemical Substance Inventory (TCSI)  
On the inventory, or in compliance with the inventory

### **15.2 Chemical safety assessment**

A Chemical Safety Assessment has not been carried out.

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## **SECTION 16: Other information**

### **Text of H-statements referred to under heading 3**

α-Naphtholphthalein : H315 Causes skin irritation.

## **α-Naphtholphthalein**

33424-10G

Version 1.2

Revision Date 17.12.2022

---

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

### **Further information**

All directives and regulations refer to amended versions.

Vertical lines in the left hand margin indicate a relevant amendment from the previous version.

Abbreviations:

EC European Community

CAS Chemical Abstracts Service

DNEL Derived no effect level

PNEC Predicted no effect level

vPvB Very persistent and very bioaccumulative substance

PBT Persistent, bioaccumulative und toxic substance

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