

## Material Safety Data Sheet

Creation Date 23-Jul-2020

Revision Date 23-Jul-2020

Revision Number 1

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** Poly 2-Hydroxynaphthalene CO.

**Cat No.** NS5

**Synonyms** Poly 2-Hydroxynaphthalene(ADDUCT)

**Recommended Use** Laboratory chemicals

**Company**

Turkey  
Istanbul

.....  
Tel: (+90 (212) 4655574

**Entity / Business Name**

AYDIN CURE YAPI KİMYASALLARI

### 2. HAZARDS IDENTIFICATION

**Appearance** Dark Brown

**Odor** aromatic

**Physical State** Powder

**Potential Health Effects**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher

**Acute Effects****Principle Routes of Exposure**

<b>Eyes</b>	No information available
<b>Skin</b>	No information available
<b>Inhalation</b>	No information available
<b>Ingestion</b>	No information available

**Chronic Effects** No information available

**Aggravated Medical Conditions** No information available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Haz/Non-haz**

Component	CAS-No	Weight %
POLY-2 HYDROXY -ADDUCT-NAPHTHALENE (NAPHTOL NS5)	-	>95

### 4. FIRST AID MEASURES

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention.
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.
<b>Inhalation</b>	Move to fresh air. If breathing is difficult, give oxygen. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with a respiratory medical device. Immediate medical attention is required.
<b>Ingestion</b>	Do not induce vomiting. Call a physician or Poison Control Center immediately.
<b>Notes to Physician</b>	Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

<b>Flash Point</b>	153°C / 307.4°F
<b>Method</b>	No information available.
<b>Autoignition Temperature</b>	No information available.
<b>Explosion Limits</b>	
<b>Upper</b>	No data available
<b>Lower</b>	No data available
<b>Suitable Extinguishing Media</b>	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
<b>Unsuitable Extinguishing Media</b>	No information available.
<b>Hazardous Combustion Products</b>	No information available.
<b>Sensitivity to mechanical impact</b>	No information available.

Sensitivity to static discharge

No information available.

**Specific Hazards Arising from the Chemical**

Thermal decomposition can lead to release of irritating gases and vapors.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**NFPA****Health 2****Flammability 1****Instability 1****Physical hazards N/A****6. ACCIDENTAL RELEASE MEASURES****Personal Precautions**

Use personal protective equipment. Ensure adequate ventilation. Keep people away from and upwind of spill/leak.

**Environmental Precautions**

Should not be released into the environment.

**Methods for Containment and Clean Up** Soak up with inert absorbent material. Keep in suitable and closed containers for disposal.**7. HANDLING AND STORAGE****Handling**

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

**Storage**

Store in cool place. Keep container tightly closed in a dry and well-ventilated place

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Engineering Measures**

Use only under a chemical fume hood. Ensure that eyewash stations and safety showers are close to the workstation location.

**Exposure Guidelines**

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Personal Protective Equipment****Eye/face Protection**Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166  
Wear appropriate protective gloves and clothing to prevent skin exposure.**Skin and body protection****Respiratory Protection**

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Physical State**

Powder

**Appearance**

Dark Brown

**odor**

aromatic

**Odor Threshold**

No information available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

pH	g/l water 10 5.7
Vapor Pressure	No information available
Vapor Density	No information available
Viscosity	No information available
Boiling Point/Range	No information available
Melting Point/Range	No information available
Decomposition temperature	No information available
Flash Point	No information available
Evaporation Rate	No information available
Specific Gravity	No information available
Solubility	No information available
log Pow	No information available
Molecular Weight	No information available
Molecular Formula	No information available

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions. Light sensitive.
<b>Conditions to Avoid</b>	No data available
<b>Incompatible Materials</b>	Strong oxidizing agents,
<b>Hazardous Decomposition Products</b>	No data available
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.
<b>Hazardous Reactions .</b>	None under normal processing.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

#### Component Information

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
2HYDROXY NAPHTHALENE	1960 mg/kg ( Rat )	10 g/kg ( Rabbit )	2.2 mg/L ( Rat ) 4 h >770 mg/m <sup>3</sup> ( Rat ) 1 h

<b>Irritation</b>	No information available.
<b>Toxicologically Synergistic Products</b>	No information available.

### Chronic Toxicity

<b>Carcinogenicity</b>	There are no known carcinogenic chemicals in this product
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<b>Sensitization</b>	No information available.
<b>Mutagenic Effects</b>	No information available.
<b>Reproductive Effects</b>	No information available.
<b>Developmental Effects</b>	No information available.
<b>Teratogenicity</b>	No information available.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Do not empty into drains. LC50 - Daphnia magna (Water flea) - 135 mg/l - 4,2 d

**Persistence and Degradability** No information available

**Bioaccumulation/ Accumulation** No information available

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## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods** Dispose of as unused product.

## 14. TRANSPORT INFORMATION

### DOT

**UN-No**  
**Proper Shipping Name** Not dangerous goods  
**Proper technical name**  
**Hazard Class Packing** Not dangerous goods  
**Group**

**14. TRANSPORT INFORMATION****TDG**

<b>UN-No</b>	Not dangerous goods
<b>Proper Shipping Name</b>	Not dangerous goods
<b>Hazard Class</b>	Not dangerous goods
<b>Packing Group</b>	Not dangerous goods

**IATA**

<b>UN-No</b>	Not dangerous goods
<b>Proper Shipping Name</b>	Not dangerous goods
<b>Hazard Class</b>	Not dangerous goods
<b>Packing Group</b>	Not dangerous goods

**IMDG/IMO**

<b>UN-No</b>	Not dangerous goods
<b>Proper Shipping Name</b>	Not dangerous goods
<b>Hazard Class</b>	Not dangerous goods
<b>Packing Group</b>	Not dangerous goods

**15. REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

**15.2 Chemical safety assessment**

For this product a chemical safety assessment was not carried out.

**16. OTHER INFORMATION**

**Prepared By** Regulatory Affairs  
**AYDIN CURE YAPI**  
**KİMYASALLARI**

**Creation Date**

JuL-2020-23

**Print Date**

JuL-2020-23

**Revision Summary**

and red text indicates revision , "\*\*\*\*"

**Disclaimer**

The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of MSDS**

**AYDIN CURE YAPI KİMYASALLARI İÇ VE DIŞ TİCARET LİMİTED ŞİRKETİ**

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