



# Material Safety Data Sheet

Creation Date 23-Jul-2019

Revision Date 23-Jul-2019

Revision Number 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** Poly 2-Hydroxynaphthalene CO.  
**Cat No.** BAS- NS5

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

**Recommended Use** Laboratory chemicals

**Company** Turkey  
Istanbul  
.....  
Tel: (+90 (212) 4655574

**Entity / Business Name**  
Aydin Cure. SAN

## 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**

Eyes No information available  
 Skin No information available  
 Inhalation No information available  
 Ingestion 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 %
2-Naphthol (ADDUCT)	135-19-3	>95

### 4. FIRST AID MEASURES

**Eye Contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention.

**Skin Contact** Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.

**Inhalation** 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.

**Ingestion** Do not induce vomiting. Call a physician or Poison Control Center immediately.

**Notes to Physician** Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Flash Point** 153°C / 307.4°F

**Method** No information available.

**Autoignition Temperature** No information available.

**Explosion Limits**

**Upper** No data available

**Lower** No data available

**Suitable Extinguishing Media** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Unsuitable Extinguishing Media** No information available.

**Hazardous Combustion Products** No information available.

**Sensitivity to mechanical impact** 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

**Skin and body protection**

Wear appropriate protective gloves and clothing to prevent skin exposure.

**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	5.7 10 g/l water
Vapor Pressure	1 hPa @ 50 °C
Vapor Density	4.97 (Air = 1.0)
Viscosity	No information available.
Boiling Point/Range	285 - 286°C / 545 - 546.8°F@ 760 mmHg
Melting Point/Range	120 - 124°C / 248 - 255.2°F
Decomposition temperature	400 °C
Flash Point	153°C / 307.4°F
Evaporation Rate	No information available.
Specific Gravity	No information available.
Solubility	No information available.
log Pow	No data available
Molecular Weight	144.17
Molecular Formula	C10 H8 O

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

#### Component Information

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

Irritation	No information available.
Toxicologically Synergistic Products	No information available.

### Chronic Toxicity

Carcinogenicity	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
<b>Persistence and Degradability</b>	No information available
<b>Bioaccumulation/ Accumulation</b>	No information available

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## 13. DISPOSAL CONSIDERATIONS

<b>Waste Disposal Methods</b>	Dispose of as unused product.
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## 14. TRANSPORT INFORMATION

### DOT

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

## 14. TRANSPORT INFORMATION

### TDG

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

### IATA

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

### IMDG/IMO

UN-No	Not dangerous goods
Proper Shipping Name	Not dangerous goods
Hazard Class	Not dangerous goods
Packing Group	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 <b>Aydin Cure. SAN</b>
Creation Date	23-Jul-2019
Print Date	23-Jul-2019
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**

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