


**1. Identification of Substance / Mixture**
**Product Identifier**

<b>Product Name</b>	Naphthalene-2,3-diol
<b>Other Names</b>	
<b>Product Code</b>	IL-DN
<b>CAS</b>	92-44-4
<b>MDL</b>	MFCD00004073
<b>EINECS</b>	202-156-7
<b>REACH Registration Number</b>	
<b>Relevant Uses</b>	Research and Development
<b>Uses Advised Against</b>	No uses advised against.

**Supplier Details**

<b>Company</b>	ISOMERLAB D.O.O.
<b>Address</b>	Trzaska cesta 297a , SI-1000 Ljubljana, Slovenia
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<b>Email</b>	INFO@ISOMERLAB.COM
<b>Emergency Telephone</b>	112

**2. Hazards Identification**

<b>Classification</b>	Skin Irrit. 2 Eye Irrit. 2A STOT SE 3
<b>Signal Word</b>	<b>WARNING</b>
<b>Pictograms</b>	 GHS07
<b>Hazards</b>	<b>H315</b> Causes skin irritation. <b>H319</b> Causes serious eye irritation. <b>H335</b> May cause respiratory irritation.
<b>Precautions</b>	<b>P261</b> Avoid breathing dust/fume/gas/mist/vapours/spray. <b>P264</b> Wash hands thoroughly after handling. <b>P271</b> Use only outdoors or in a well-ventilated area. <b>P280</b> Wear face protection. <b>P302+P352</b> IF ON SKIN: Wash with plenty of water. <b>P304+P340</b> IF INHALED: Remove person to fresh air and keep comfortable for breathing. <b>P305+P351+P338</b> IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. <b>P312</b> Call a POISON CENTER/doctor if you feel unwell. <b>P321</b> Specific treatment. <b>P337+P313</b> If eye irritation persists: Get medical advice/attention. <b>P362+P364</b> Take off contaminated clothing and wash it before reuse. <b>P403+P233</b> Store in a well-ventilated place. Keep container tightly closed. <b>P405</b> Store locked up.
<b>Other Classification Hazards</b>	

**3. Composition of Ingredients**

SUBSTANCE				
Name	CAS	Einecs	Composition	Hazards
Naphthalene-2,3-diol	92-44-4	202-156-7	<= 100%	H315 Skin Irrit. 2

**4. First Aid Measures**

Eye contact	Avoid contact with eyes.
Ingestion	Avoid ingesting the product.
Inhalation	Avoid inhaling the product.
Skin Contact	Avoid contact with skin.
General Advice	
Most Important Symptoms and Effects	No known symptoms or effects.
Immediate First Aid Measures	No additional first aid measures required.

**5. Fire Fighting Measures**

Suitable Fire Extinguishing Media	Carbon Dioxide, Dry Powder, Foam
Unsuitable Fire Extinguishing Media	No known unsuitable media.
Special Hazards	No known special hazards.
Advice for Fire Fighters	No specific fire fighter advice.

**6. Accidental Release Measures**

Personal Precautions	Refer to section 8 for personal protection details.
Environmental Precautions	Avoid discharging the product into drains or rivers.
Containment - Methods and Materials	Spill Response should only be carried out by trained or qualified personnel.
Referenced SDS Sections	Precautionary Phrases are located throughout sections of this SDS. Where available, supplementary information has also been included.

**7. Handling and Storage*****Personal Precautions***

Safe Handling	Ensure product is handled by a professional or qualified personnel in a fume cupboard.
Protection Against Explosion and Fire	Where possible, use anti static and spark proof equipment when handling.
General Occupational Hygiene	

***Conditions for Safe Storage and Incompatibilities***

Managing Storage Risks	Keep the container tightly closed. Store in appropriate chemical area.
Storage Controls	Keep the container tightly closed.
Maintaining Integrity	Keep the container tightly closed
Other Advice	No other specific advice available.
Specific End Use(s)	No specific end uses are advised. The products supplied are for research purposes only.

**8. Exposure Controls / Personal Protection****Control Parameters**

Country	Info	Long Term (ppm)	Long Term (mgm3)	Short Term (ppm)	Short Term (mgm3)	Ceiling (ppm)	Ceiling (mgm3)	Other Unit	Remarks
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Engineering Measures	Ensure that all engineering measures in section 7 of this SDS are in place.
Face Protection	Wear safety goggles with side shields or face shield.
Hand Protection	Wear suitable gloves that satisfy the specifications of EU Directive 89/686/EEC and the standard EN374 derived

<b>Skin Protection</b>	from it. Ensure arms and legs are not exposed. Wear safety shoes that meet at least S1 standards. Wear a lab coat.
<b>Respiratory Protection</b>	Handle the product within a fume cupboard with adequate extraction or wear face mask with suitable filtration.
<b>Hygiene Protection</b>	Ensure hair or skin particles cannot enter the chemical container.
<b>Environment Exposure Controls</b>	No further personal protection advice is available.

## 9. Physical and Chemical Properties

<b>State</b>	Solid
<b>Appearance</b>	Beige crystalline
<b>Odour</b>	No data available.
<b>Odour Threshold</b>	No data available.
<b>pH</b>	No data available.
<b>Melting Point / Freezing Point</b>	162 to 164°C
<b>Initial Boiling Point</b>	No data available.
<b>Boiling Range</b>	No data available.
<b>Flash Point</b>	No data available.
<b>Evaporation Rate</b>	No data available.
<b>Flammability</b>	No data available.
<b>Upper / Lower Flammability or Explosion Limits</b>	No data available.
<b>Vapour Pressure</b>	No data available.
<b>Vapour Density</b>	No data available.
<b>Relative Density</b>	No data available.
<b>Solubility</b>	No data available.
<b>Partion Coefficient</b>	No data available.
<b>Auto Ignition Temperature</b>	No data available.
<b>Decomposition Temperature</b>	No data available.
<b>Viscosity</b>	No data available.
<b>Explosive Properties</b>	No data available.
<b>Oxidising Properties</b>	No data available.
<b>Other information</b>	No additional information available

## 10. Stability and Reactivity

<b>Reactivity</b>	No Data Available.
<b>Stability</b>	No Data Available.
<b>Possibility of Hazardous Reactions</b>	No Data Available.
<b>Conditions To Avoid</b>	No Data Available.
<b>Incompatible Materials</b>	No Data Available.
<b>Hazardous Decomposition Products</b>	No Data Available.

## 11. Toxicology Information

<b>Acute Toxicity</b>
<b>Skin Corrosion / Irritation</b>
<b>Serious Eye Damage / Irritation</b>
<b>Respiratory or Skin Sensitisation</b>
<b>Germ Cell Mutagenicity</b>
<b>Carcinogenicity</b>

**Reproductive Toxicity**

**STOT-single Exposure**

**STOT-repeated Exposure**

**Aspiration Hazard**

**Additional Toxicology Information**

No Toxicology data available for this product.

## 12. Ecological Information

**Toxicity**

No Ecological data available for this product.

**Persistence and Degradability**

No Ecological data available for this product.

**Bio-Accumulative Potential**

No Ecological data available for this product.

**Mobility in Soil**

No Ecological data available for this product.

**Results of PBT and vPvB assessment**

No Ecological data available for this product.

**Endocrine Disrupting Properties**

No Ecological data available for this product.

**Other Adverse Effects**

No Ecological data available for this product.

## 13. Disposal Considerations

**Disposal Operations**

Ensure product is disposed of by licensed waste carriers.

**Disposal of Packaging**

Ensure INNER PACKAGING is disposed of by licensed waste carriers. Some OUTER PACKAGING MAY be recyclable if not contaminated.

## 14. Transport Information

This product is classified as non-hazardous for transport.

## 15. Regulatory Information

**Regulatory Information**

As far as ISOMERLAB is aware, there are no further regulations controlling this product.

**Chemical Safety Assessment**

No Chemical Safety Assessment available for this product.

## 16. Other Information

**Information Not Covered in Other Sections**

ADR: Accord European sur le transport des marchandises Dangereuses par Route(European Agreement concerning the International Carriage of Dangerous Goods by road)  
RID:Reglement International concernant le transport des marchandises dangereuses par chemin de fer (Regulations concerning the International transport of Dangerous Goods by Rail)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
IATA-DGR: Dangerous Goods Regulations by the International Air Transport Association ICAO:International Civil Aviation Organization  
ICAO-TI: Technical Instructions by the ICAO  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
CAS:Chemical Abstracts Service

**Revision**

1.266

**Date Modified**

30/09/2022

**Disclaimer**

The product listed is for research and development purposes only and not for human or animal use. As such, in most cases, the toxicological, ecological and physicochemical properties have not been fully determined and the product should be treated with respect and always handled under suitable conditions by appropriately qualified personnel. The responsible party shall use this datasheet only in conjunction with other sources of information gathered by them, and should make an independent judgement of suitability, to ensure proper use and protect the health and safety of employees. This information is furnished without warranty and any use of the product not in conformance with this material safety data sheet, or in combination with any other product or process, is the responsibility of the user. This SDS adheres to Regulation (EC) No 1907/2006.