

# SAFETY DATA SHEET



## 1. Identification of Substance / Mixture


### Product Identifier

Product Name	(-)-(S)-2-isopropylaziridine
Other Names	
Product Code	IL-IADN
CAS	45378-03-8
MDL	
EINECS	
REACH Registration Number	Research and Development
Relevant Uses	No uses advised against.
Uses Advised Against	

### Supplier Details

Company	ISOMERLAB D.O.O.
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## 2. Hazards Identification

Classification	Acute Tox. 4 Skin Irrit. 2 Eye Irrit. 2A STOT SE 3
Signal Word	<b>WARNING</b>
Pictograms	 GHS07
Hazards	<b>H302</b> Harmful if swallowed. <b>H315</b> Causes skin irritation. <b>H319</b> Causes serious eye irritation. <b>H335</b> May cause respiratory irritation.
Precautions	<b>P261</b> Avoid breathing dust/fume/gas/mist/vapours/spray. <b>P264</b> Wash hands thoroughly after handling. <b>P270</b> Do not eat, drink or smoke when using this product. <b>P271</b> Use only outdoors or in a well-ventilated area. <b>P280</b> Wear face protection. <b>P301+P312</b> IF SWALLOWED: Call a doctor if you feel unwell. <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>P330</b> Rinse mouth. <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.
Other Classification Hazards	

## 3. Composition of Ingredients



<b>Engineering Measures</b>	Ensure that all engineering measures in section 7 of this SDS are in place.
<b>Face Protection</b>	Wear safety goggles with side shields or face shield.
<b>Hand Protection</b>	Wear suitable gloves that satisfy the specifications of EU Directive 89/686/EEC and the standard EN374 derived from it.
<b>Skin Protection</b>	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>	Solid
<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>	No data available.
<b>Initial Boiling Point</b>	
<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>Partition 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>	

**Respiratory or Skin Sensitisation****Germ Cell Mutagenicity****Carcinogenicity****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 Europeen 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**

1.292

**Date Modified**

28/10/2022

**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.