



## Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 03.11.2024

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**Nixodine-S™ 250mg/ml - Propylene Glycol (PG)**

### SECTION 1: Identification

#### Product Identifier

**Product Name:** Nixodine-S™ 250mg/ml - Propylene Glycol (PG)

#### Recommended Use of the Product and Restriction on Use

**Relevant Identified Uses:** To be further processed for electronic cigarettes and vape devices.

**Uses Advised Against:** Any use other than recommended above.

**Reasons Why Uses Advised Against:** Not determined or not applicable.

#### Manufacturer or Supplier Details

##### Manufacturer:

##### United States

Nicotine River LLC  
2535 Conejo Spectrum Street  
Thousand Oaks, CA 91320  
www.nicotinriver.com

#### Emergency Telephone Number:

##### United States

Infotrac  
1-800-535-5053 (24 Hours)

### SECTION 2: Hazard(s) Identification

**GHS Classification:** Not a hazardous substance or mixture

#### Label elements

**Hazard Pictograms:** None

**Signal Word:** None

**Hazard statements:** None

**Precautionary Statements:** None

**Hazards Not Otherwise Classified:** None

### SECTION 3: Composition/Information on Ingredients

Identification	Name	Weight %
CAS Number: 57-55-6	Propane-1,2-diol	92.125-92.87
CAS Number: 13270-56-9	Methyl 6- Nicotine	7.125-7.875

#### Additional Information:

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of the OSHA Hazard Communication Standard (29 CFR

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1910.1200). Concentration ranges are due to raw material source and batch to batch variability.  
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### SECTION 4: First Aid Measures

#### Description of First Aid Measures

##### General Notes:

Not determined or not applicable.

##### After Inhalation:

Not determined or not applicable.

##### After Skin Contact:

Not determined or not applicable.

##### After Eye Contact:

Not determined or not applicable.

##### After Swallowing:

Not determined or not applicable.

#### Most Important Symptoms and Effects, Both Acute and Delayed

##### Acute Symptoms and Effects:

Not determined or not applicable.

##### Delayed Symptoms and Effects:

Not determined or not applicable.

#### Immediate Medical Attention and Special Treatment

##### Specific Treatment:

Not determined or not applicable.

##### Notes for the Doctor:

Not determined or not applicable.

### SECTION 5: Firefighting Measures

#### Extinguishing Media

##### Suitable Extinguishing Media:

Not determined or not applicable.

##### Unsuitable Extinguishing Media:

Not determined or not applicable.

#### Specific Hazards During Fire-Fighting:

Not determined or not applicable.

#### Special Protective Equipment for Firefighters:

Not determined or not applicable.

#### Special precautions:

Not determined or not applicable.

### SECTION 6: Accidental Release Measures

#### Personal Precautions, Protective Equipment, and Emergency Procedures:

Not determined or not applicable.

#### Environmental Precautions:

Not determined or not applicable.

#### Methods and Material for Containment and Cleaning Up:

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Not determined or not applicable.

### Reference to Other Sections:

Not determined or not applicable.

## SECTION 7: Handling and Storage

### Precautions for Safe Handling:

Not determined or not applicable.

### Conditions for Safe Storage, Including Any Incompatibilities:

Not determined or not applicable.

## SECTION 8: Exposure Controls/Personal Protection

Only those substances with limit values have been included below.

### Occupational Exposure Limit Values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
WEEL	Propane-1,2-diol	57-55-6	8-Hour TWA: 10 mg/m <sup>3</sup>

### Biological Limit Values:

No biological exposure limits noted for the ingredient(s).

### Information on Monitoring Procedures:

Not determined or not applicable.

### Appropriate Engineering Controls:

Not determined or not applicable.

### Personal Protection Equipment

#### Eye and Face Protection:

Not determined or not applicable.

#### Skin and Body Protection:

Not determined or not applicable.

#### Respiratory Protection:

Not determined or not applicable.

### General Hygienic Measures:

Not determined or not applicable.

## SECTION 9: Physical and Chemical Properties

### Information on Basic Physical and Chemical Properties

Appearance	Not determined or not available.
Odor	Characteristic.
Odor threshold	Not determined or not available.
pH	Not determined or not available.
Melting point/freezing point	Not determined or not available.
Initial boiling point/range	Not determined or not available.
Flash point (closed cup)	Not determined or not available.
Evaporation rate	Not determined or not available.
Flammability (solid, gas)	Not determined or not available.

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<b>Upper flammability/explosive limit</b>	Not determined or not available.
<b>Lower flammability/explosive limit</b>	Not determined or not available.
<b>Vapor pressure</b>	Not determined or not available.
<b>Vapor density</b>	Not determined or not available.
<b>Density</b>	Not determined or not available.
<b>Relative density</b>	Not determined or not available.
<b>Solubilities</b>	Not determined or not available.
<b>Partition coefficient (n-octanol/water)</b>	Not determined or not available.
<b>Auto/Self-ignition temperature</b>	Not determined or not available.
<b>Decomposition temperature</b>	Not determined or not available.
<b>Dynamic viscosity</b>	Not determined or not available.
<b>Kinematic viscosity</b>	Not determined or not available.
<b>Explosive properties</b>	Not determined or not available.
<b>Oxidizing properties</b>	Not determined or not available.

### SECTION 10: Stability and Reactivity

#### Reactivity:

Does not react under normal conditions of use and storage.

#### Chemical Stability:

Stable under normal conditions of use and storage.

#### Possibility of Hazardous Reactions:

None under normal conditions of use and storage.

#### Conditions to Avoid:

None known.

#### Incompatible Materials:

None known.

#### Hazardous Decomposition Products:

None known.

### SECTION 11: Toxicological Information

#### Acute Toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:** No data available.

#### Substance Data:

Name	Route	Result
Methyl 6- Nicotine	Oral ATE	LD50 Rat: 100 mg/kg
	Dermal ATE	LD50 Rabbit: 5 mg/kg
Propane-1,2-diol	oral	LD50 Rat: 22,000 mg/kg
	dermal	LD50 Rabbit: >2000 mg/kg
	inhalation	LC50 Rabbit: > 44.9 mg/L (4hr [vapour])

#### Skin Corrosion/Irritation

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:**

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No data available.

**Substance Data:** No data available.

### Serious Eye Damage/Irritation

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:**

No data available.

**Substance Data:** No data available.

### Respiratory or Skin Sensitization

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:**

No data available.

**Substance Data:** No data available.

### Carcinogenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:** No data available.

**Substance Data:** No data available.

#### International Agency for Research on Cancer (IARC):

Name	Classification
Methyl 6- Nicotine	Not Applicable
Propane-1,2-diol	Not Applicable

#### National Toxicology Program (NTP):

Name	Classification
Methyl 6- Nicotine	Not Applicable
Propane-1,2-diol	Not Applicable

**OSHA Carcinogens:** Not applicable

### Germ Cell Mutagenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:**

No data available.

**Substance Data:** No data available.

### Reproductive Toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:**

No data available.

**Substance Data:** No data available.

### Specific Target Organ Toxicity (Single Exposure)

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:**

No data available.

**Substance Data:** No data available.

### Specific Target Organ Toxicity (Repeated Exposure)

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:**

No data available.

**Substance Data:** No data available.

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### Aspiration toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:**

No data available.

**Substance Data:** No data available.

### Information on Likely Routes of Exposure:

No data available.

### Symptoms Related to the Physical, Chemical, and Toxicological Characteristics:

No data available.

**Other Information:**

No data available.

## SECTION 12: Ecological Information

### Acute (Short-Term) Toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:** No data available.

**Substance Data:**

Name	Result
Propane-1,2-diol	Fish LC50 <i>Oncorhynchus mykiss</i> : 51,600 mg/L (96 hr)
	Aquatic Plants EC50 <i>Raphidocelis subcapitata</i> : 19000 mg/L (96 hr [growth rate])
	Aquatic Invertebrates EC50 <i>Daphnia magna</i> : 43,500 mg/L (48 hr [Immobilisation])

### Chronic (Long-Term) Toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:** No data available.

**Substance Data:**

Name	Result
Propane-1,2-diol	Aquatic Invertebrates NOEC <i>Ceriodaphnia</i> sp.: 13020 mg/L (7 d [reproduction])

### Persistence and Degradability

**Product Data:** No data available.

**Substance Data:**

Name	Result
Propane-1,2-diol	The substance is readily biodegradable. 81.7% degradation in water, measured by CO2 evolution, after 28 days.

### Bioaccumulative Potential

**Product Data:** No data available.

**Substance Data:**

Name	Result
Propane-1,2-diol	The substance is not expected to bioaccumulate (BCF: 0.09).

### Mobility in Soil

**Product Data:** No data available.

**Substance Data:**

Name	Result
Propane-1,2-diol	The substance is highly mobile, therefore, adsorption to soil is not expected (calculated Koc: 2.9).

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### Results of PBT and vPvB assessment

#### Product Data:

**PBT assessment:** This product does not contain any substances that are assessed to be a PBT.

**vPvB assessment:** This product does not contain any substances that are assessed to be a vPvB.

#### Substance Data:

##### PBT assessment:

Propane-1,2-diol	The substance is not PBT.
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##### vPvB assessment:

Propane-1,2-diol	The substance is not vPvB.
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**Other Adverse Effects:** No data available.

## SECTION 13: Disposal Considerations

### Disposal Methods:

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory agencies. Dispose of in accordance with all applicable local, regional, state and federal regulations

### Contaminated packages:

Not determined or not applicable.

## SECTION 14: Transport Information

### United States Transportation of Dangerous Goods (49 CFR DOT)

UN Number	Not regulated
UN Proper Shipping Name	Not regulated
UN Transport Hazard Class(es)	None
Packing Group	None
Environmental Hazards	None
Special Precautions for User	None

### International Maritime Dangerous Goods (IMDG)

UN Number	Not regulated
UN Proper Shipping Name	Not regulated
UN Transport Hazard Class(es)	None
Packing Group	None
Environmental Hazards	None
Special Precautions for User	None

### International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN Number	Not regulated
UN Proper Shipping Name	Not regulated
UN Transport Hazard Class(es)	None
Packing Group	None
Environmental Hazards	None
Special Precautions for User	None

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## SECTION 15: Regulatory Information

### United States Regulations

#### Inventory Listing (TSCA):

13270-56-9	Methyl 6- Nicotine	Not Listed
57-55-6	Propane-1,2-diol	Listed - Active

**Significant New Use Rule (TSCA Section 5):** None of the ingredients are listed.

**Export Notification under TSCA Section 12(b):** None of the ingredients are listed.

**SARA Section 302 Extremely Hazardous Substances:** None of the ingredients are listed.

**SARA Section 313 Toxic Chemicals:** None of the ingredients are listed.

**CERCLA:** None of the ingredients are listed.

**RCRA:** None of the ingredients are listed.

**Section 112(r) of the Clean Air Act (CAA):** None of the ingredients are listed.

**Massachusetts Right to Know:** None of the ingredients are listed.

#### New Jersey Right to Know:

57-55-6	Propane-1,2-diol	Listed
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**New York Right to Know:** None of the ingredients are listed.

#### Pennsylvania Right to Know:

57-55-6	Propane-1,2-diol	Listed
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**California Proposition 65:** None of the ingredients are listed.

**Additional information:** Not determined.

## SECTION 16: Other Information

**Abbreviations and Acronyms:** None

#### Disclaimer:

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered 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 materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

**NFPA:** 0-0-0

**HMIS:** 0-0-0

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**End of Safety Data Sheet**