



# Neogen® Environmental Scrub Sampler with Wide Spectrum Neutralizer

## Safety Data Sheet

according to the Hazardous Substance SDS Notice 2017 (EPA)  
Issue date: 11/12/2025 Revision date: 11/12/2025 Supersedes: 11/12/2025 Version: 2.0

### SECTION 1: Identification

#### 1.1 Product identifier

Trade name : Neogen® Environmental Scrub Sampler with Wide Spectrum Neutralizer  
Product form : Mixture  
Type of product : Food Safety -- [Food Safety]  
Product code : SHP-WSN

#### 1.2 Other means of identification

Part Number(s) : 700002338|ESS10WSN|700002337|HES10WSN2G

#### 1.3 Recommended use of the chemical and restrictions on use

No additional information available

#### 1.4 Details of manufacturer or importer

##### Supplier

Neogen Corporation  
620 Leshler Place  
Lansing Michigan 48912  
United States of America  
T 800.234.5333  
[sds@neogen.com](mailto:sds@neogen.com) - <https://www.neogen.com/>

##### Importer

Neogen Australasia Pty Ltd  
ALLIOTT NZ LTD (CHARTERED ACCOUNTANTS) Level 2  
142 Boradway  
New Market  
Auckland 1023  
New Zealand  
T 0800 449 129  
[naa@neogen.com](mailto:naa@neogen.com) - <https://www.neogen.com/>

#### 1.5. Emergency phone number

Emergency number : 24 hours:  
Medical: 1-800-498-5743 (U.S. and Canada) or 1-651-523-0318 (international)  
Spill/CHEMTREC: 1-800-424-9300 (U.S. and Canada) or 1-703-527-3887 (international)

Country/Area	Organisation	Emergency number
New Zealand	National Poisons Centre.	0800 764 766 (0800 POISON)

### SECTION 2: Hazard identification

#### 2.1. Classification of the hazardous chemical

Classification according to the Environmental Protection Authority notices (EPA Hazardous Substances and New Organisms Act 1996)

Not classified

#### 2.2. GHS Label elements, including precautionary statements

##### GHS NZ labelling

No labelling applicable

#### 2.3. Other hazards which do not result in classification

No additional information available

### SECTION 3: Composition and information on ingredients

#### 3.1. Substances

Not applicable

# Neogen® Environmental Scrub Sampler with Wide Spectrum Neutralizer

## Safety Data Sheet

according to the Hazardous Substance SDS Notice 2017 (EPA)

### 3.2. Mixtures

Name	Product identifier	%	Classification according to GHS NZ
Sodium pyruvate	CAS-No.: 113-24-6	< 100	Eye Irrit. 2, H319 Skin Sens. 1B, H317 Aquatic Chronic 2, H411

## SECTION 4: First-aid measures

### 4.1. Description of necessary first-aid measures

First-aid measures general	: If you feel unwell, seek medical advice.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.
Self protection of the first-aider	: First-aiders should pay attention to their own protection and use the recommended personal protective equipment (see section 8).

### 4.2. Symptoms caused by exposure

Symptoms/effects after inhalation	: None under normal conditions.
Symptoms/effects after skin contact	: None under normal conditions.
Symptoms/effects after eye contact	: None under normal conditions.
Symptoms/effects after ingestion	: None under normal conditions.

### 4.3. Medical attention and special treatment

Other medical advice or treatment	: Treat symptomatically.
-----------------------------------	--------------------------

## SECTION 5: Fire-fighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.

### 5.2. Specific hazards arising from the chemical

Fire hazard	: No fire hazard.
Explosion hazard	: No direct explosion hazard.
General measures	: Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.
------------------	--

# Neogen® Environmental Scrub Sampler with Wide Spectrum Neutralizer

## Safety Data Sheet

according to the Hazardous Substance SDS Notice 2017 (EPA)

### 6.1.1. For non-emergency personnel

- Protective equipment : Wear recommended personal protective equipment.  
Emergency procedures : Ventilate spillage area.

### 6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".  
Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

## 6.2. Environmental precautions

Avoid release to the environment.

## 6.3. Methods and materials for containment and cleaning up

- For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.  
Methods for cleaning up : Take up liquid spill into absorbent material.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Keep in a cool, well-ventilated place away from heat.  
Storage conditions : Keep cool. Protect from sunlight.  
Packaging materials : Always store product in container of same material as original container.

## SECTION 8: Exposure controls and personal protection

### 8.1. Control parameters - exposure standards

No additional information available

### Exposure limit values for the other components

No additional information available

### 8.2. Monitoring methods

No additional information available

### 8.3. Engineering controls

- Appropriate engineering controls : Ensure good ventilation of the work station.

### 8.4. Individual protection measures, such as personal protective equipment (PPE)

- Personal protective equipment : Wear recommended personal protective equipment.  
Hand protection : Protective gloves  
Eye protection : Safety glasses  
Skin and body protection : Wear suitable protective clothing  
Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

#### Personal protective equipment symbol(s)



# Neogen® Environmental Scrub Sampler with Wide Spectrum Neutralizer

## Safety Data Sheet

according to the Hazardous Substance SDS Notice 2017 (EPA)

Environmental exposure controls : Avoid release to the environment.

### SECTION 9: Physical and chemical properties

Physical state : Liquid  
Appearance : No data available  
Colour : Colourless  
Odour : Odourless  
Odour threshold : No additional information available  
pH : No additional information available  
Evaporation rate : No additional information available  
Melting point / Freezing point : Melting point: Not applicable  
Boiling point : No data available  
Flash point : No data available  
Auto-ignition temperature : No data available  
Flammability : Non flammable  
Vapour pressure : No additional information available  
Relative density : No additional information available  
Density : No additional information available  
Solubility : Soluble in water.  
Partition coefficient n-octanol/water (Log Pow) : No data available  
Viscosity, dynamic : No data available  
Explosive properties : No data available  
Explosive limits : No additional information available  
Minimum ignition energy : No data available

### SECTION 10: Stability and reactivity

Reactivity : The product is non-reactive under normal conditions of use, storage and transport.  
Chemical stability : Stable under normal conditions.  
Possibility of hazardous reactions : No dangerous reactions known under normal conditions of use.  
Conditions to avoid : None under recommended storage and handling conditions (see section 7).  
Incompatible materials : No additional information available  
Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

#### 11.1. Toxicity

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

Neogen® Environmental Scrub Sampler with Wide Spectrum Neutralizer	
Unknown acute toxicity (GHS NZ)Unknown acute toxicity (GHS NZ)	1.44% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral) 96.71% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 96.71% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))
Sodium pyruvate (113-24-6)	
LD50 oral	3533 mg/kg bodyweight (Mouse, Experimental value, Oral)
LD50 dermal rat	> 3000 mg/kg bodyweight (Rat, Male, Experimental value, Intraperitoneal)

Skin corrosion/irritation : Not classified  
Serious eye damage/irritation : Not classified  
Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity : Not classified

# Neogen® Environmental Scrub Sampler with Wide Spectrum Neutralizer

## Safety Data Sheet

according to the Hazardous Substance SDS Notice 2017 (EPA)

Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

### Sodium pyruvate (113-24-6)

Viscosity, kinematic	Not applicable (solid)
----------------------	------------------------

## SECTION 12: Ecological information

### 12.1. Ecotoxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified.
Soil toxicity	: Not classified
Terrestrial vertebrate toxicity	: Not classified
Terrestrial invertebrate toxicity	: Not classified

### Sodium pyruvate (113-24-6)

LC50 - Fish [1]	> 100 mg/l (96 h, Pisces, QSAR, Nominal concentration)
EC50 - Crustacea [1]	> 100 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Nominal concentration)
EC50 72h - Algae [1]	2.78 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
ErC50 algae	> 3 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)
NOEC (chronic)	3.95 mg/l Test organisms (species): Duration: '28 d'
Partition coefficient n-octanol/water (Log Pow)	-3.8 (Practical experience/observation, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 20 °C)
LD50 dermal rat	> 3000 mg/kg bodyweight (Rat, Male, Experimental value, Intraperitoneal)

### 12.2. Persistence and degradability

#### Neogen® Environmental Scrub Sampler with Wide Spectrum Neutralizer

Persistence and degradability	Not rapidly degradable
-------------------------------	------------------------

#### Sodium pyruvate (113-24-6)

Persistence and degradability	Readily biodegradable in water.
-------------------------------	---------------------------------

### 12.3. Bioaccumulative potential

#### Neogen® Environmental Scrub Sampler with Wide Spectrum Neutralizer

Bioaccumulative potential	No additional information available
---------------------------	-------------------------------------

#### Sodium pyruvate (113-24-6)

Partition coefficient n-octanol/water (Log Pow)	-3.8 (Practical experience/observation, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 20 °C)
Bioaccumulative potential	Not bioaccumulative.

# Neogen® Environmental Scrub Sampler with Wide Spectrum Neutralizer

## Safety Data Sheet

according to the Hazardous Substance SDS Notice 2017 (EPA)

### 12.4. Mobility in soil

#### Neogen® Environmental Scrub Sampler with Wide Spectrum Neutralizer

Mobility in soil	No additional information available
------------------	-------------------------------------

#### Sodium pyruvate (113-24-6)

Surface tension	No data available in the literature
Partition coefficient n-octanol/water (Log Pow)	-3.8 (Practical experience/observation, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 20 °C)
Ecology - soil	No (test)data on mobility of the substance available.

### 12.5. Other adverse effects

Ozone : Not classified  
Other adverse effects : No additional information available

## SECTION 13: Disposal considerations

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Sewage disposal recommendations : Disposal must be done according to official regulations.  
Product/Packaging disposal recommendations : Disposal must be done according to official regulations.  
Additional information : Do not re-use empty containers.

## SECTION 14: Transport information

In accordance with IMDG / IATA / UN RTDG

IMDG	IATA	UNRTDG
<b>14.1. UN number</b>		
Not regulated	Not regulated	Not applicable
<b>14.2. UN Proper Shipping Name</b>		
Not regulated	Not regulated	Not applicable
<b>14.3. Transport hazard class(es)</b>		
Not regulated	Not regulated	Not applicable
<b>14.4. Packing group</b>		
Not regulated	Not regulated	Not applicable
<b>14.5. Environmental hazards</b>		
Not regulated	Not regulated	Not applicable
No supplementary information available		

### 14.6. Special precautions for user

**Transport by road and rail**  
Not applicable

**Transport by sea**  
Not regulated

**Air transport**  
Not regulated

### 14.7. Transport in bulk according to IMO instruments

Not applicable

# Neogen® Environmental Scrub Sampler with Wide Spectrum Neutralizer

## Safety Data Sheet

according to the Hazardous Substance SDS Notice 2017 (EPA)

### 14.8. Hazchem or Emergency Action Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations specific for the product in question

No additional information available

### 15.2. Chemical safety assessment

Australian Inventory of Industrial Chemicals (AICIS)	All substances are listed
--	---------------------------

## SECTION 16: Other information

Issue date : 11/12/2025  
Revision date : 11/12/2025  
Supersedes : 11/12/2025

### Full text of H-statements

Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Sens. 1B	Skin sensitisation, category 1B
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H411	Toxic to aquatic life with long lasting effects

Safety Data Sheet (SDS), New Zealand

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.