



WATER SPECIALIST SUPPLY CO.,LTD.

Call : 034-440-851-3, 095-367-5790

Sales : 089-695-8181, 083-705-1000, 089-160-6121

MATERIAL SAFETY DATA SHEET

ION-EXCHANGE RESIN

PRODUCT:VEVA NSG

SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

WATER SPECIALIST SUPPLY CO.,LTD.

78/7 Moo4 Khae Rai, Krathum Baen, Samut Sakhon 74110

Call (+66) 34-440-851 to 3 , (+66) 95-367-5790

Fax (+66) 34-440-851 to 3 ext.105

Email : Water\_wss@hotmail.com

PREPARED BY..... Water Specialist Supply CO.,LTD

PREPARATION DATE..... 7/October/16

PRODUCT NAME.....Ion-Exchange Resin,  
Cation Exchange Resin

PRODUCT USE.....Water Treatment Filter Media.

EMERGENCY PHONE NO..... (+66)34-440-851 to 3 or (+66)95-367-5790

SECTION 02 : COMPOSITION/INFORMATION ON INGREDIENT

Ingredients	Content	C.A.S.#
ion-exchange resin	100%	11119-67-8

SECTION 03: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Not available. Target Organs: None.

Potential Health Effects

Eye: May cause eye irritation.

Skin: May cause skin irritation.

Ingestion: May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated.

Inhalation: May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.

Chronic: Not available.

## SECTION 04 : FIRST AID MEASURES

### INSTRUCTIONS:

**Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.

**Skin:** Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

**Ingestion:** Get medical aid. Wash mouth out with water.

**Inhalation:** Remove from exposure and move to fresh air immediately.

**Notes to Physician:** Treat symptomatically and supportively.

## SECTION 05 : FIRE FIGHTING MEASURES

### General Information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

### Extinguishing Media:

In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam.

**Flash Point:** Not available.

**Autoignition Temperature:** > 500 deg °C (> 932.00 deg °F)

**Explosion Limits, Lower:** Not available.

**Explosion Limits, Upper:** Not available.

**NFPA Rating:** Not published.

## SECTION 06 : ACCIDENTAL RELEASE MEASURES

### General Information:

Use proper personal protective equipment as indicated in Section 8.

### Spills/Leaks:

Vacuum or sweep up material and place into a suitable disposal container.

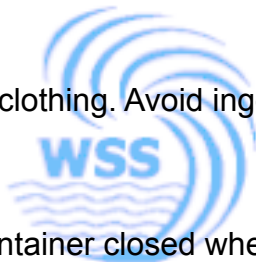
## SECTION 07 : HANDLING AND STORAGE

### Handling Precautions:

Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.

### Storage Precautions:

Store in a cool, dry place. Keep container closed when not in use.



## SECTION 08 : EXPOSE CONTROL/PERSONAL PROTECTION

### Engineering Controls:

Use adequate ventilation to keep airborne concentrations low.

### Exposure Limits

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Ion-exchange resin	:none listed	:none listed	:none listed

**OSHA Vacated PELs:ion-exchange resin:**No OSHA Vacated PELs are listed for this chemical.

### Personal Protective Equipment :

**Eye:** Not available.

**Skin:** Wear appropriate protective gloves and clothing to prevent skin exposure.

**Clothing:** Wear appropriate protective clothing to minimize contact with skin.

**Respirators:** Wear a NIOSH/MSHA or European Standard EN 149 approved full face-piece airline respirator in the positive pressure mode with emergency escape provisions.

## SECTION 09 :PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Solid
<b>Appearance:</b>	Not available.
<b>Odour:</b>	Not available.
<b>pH:</b>	Not available.
<b>Vapour Pressure:</b>	Not available.
<b>Vapour Density:</b>	Not available.
<b>Evaporation Rate:</b>	Not available.
<b>Viscosity:</b>	Not available.
<b>Boiling Point:</b>	Not available.
<b>Freezing/Melting Point:</b>	Not available.
<b>Decomposition Temperature:</b>	Not available.
<b>Solubility:</b>	insoluble
<b>Specific Gravity/Density:</b>	Not available.
<b>Molecular Formula:</b>	Not available.
<b>Molecular Weight:</b>	Not available.

## SECTION 10:STABILITY AND REACTIVITY

### **Stability:**

Stable under normal temperatures and pressures.

### **Conditions to Avoid:**

Incompatible materials.

### **Incompatibilities with Other Materials:**

Strong oxidizing agents.

### **Hazardous Decomposition Products:**

Carbon monoxide, oxides of sulfur, carbon dioxide.

**Hazardous Polymerization:** Has not been reported

## SECTION 11 : TOXICOLOGICAL INFORMATION

**RTECS#:**

**CAS#** 11119-67-8 unlisted.

**LD50/LC50:**Not available.

**Carcinogenicity:**

CAS# 11119-67-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

**Epidemiology:** No data available.

**Teratogenicity:** No data available.

**Reproductive Effects:** No data available.

**Mutagenicity:** No data available.

**Neurotoxicity:** No data available.

## SECTION 12 : ECOLOGICAL CONSIDERATION

**No information available.**

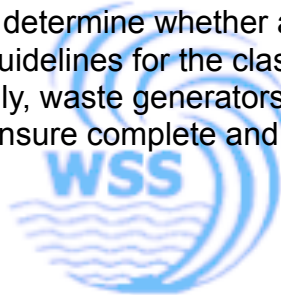


## SECTION 13 : DISPOSAL CONSIDERATION

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

**RCRA P-Series:** None listed.

**RCRA U-Series:** None listed.



## SECTION 14 : TRANSPORT INFORMATION

**US DOT**

**Shipping Name:**Not regulated as Hazardous material

**Hazard Class:** Not regulated

**UN Number:** Not regulated

**Packing Group:**Not regulated





## SECTION 15 :REGULATORY INFORMATION

### US FEDERAL

#### TSCA

CAS# 11119-67-8 is not listed on the TSCA inventory. It is for research and development use only.

#### Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

#### Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

#### Section 12b

None of the chemicals are listed under TSCA Section 12b.

#### TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

#### CERCLA Hazardous Substances and corresponding RQs

None of the chemicals in this material have an RQ.

#### SARA Section 302 Extremely Hazardous Substances

None of the chemicals in this product have a TPQ.

**Section 313** No chemicals are reportable under Section 313.

#### Clean Air Act:

This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depleters. This material does not contain any Class 2 Ozone depleters.

#### Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

#### OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

### STATE

CAS# 11119-67-8 is not present on state lists from CA, PA, MN, MA, FL, or NJ.

#### California Prop 65

California No Significant Risk Level: None of the chemicals in this product are listed

**European/International Regulations  
European Labeling in Accordance with EC Directives**

**Hazard Symbols:**Not available.

**Risk Phrases:**

**Safety Phrases:**

S 24/25 Avoid contact with skin and eyes.

**WGK (Water Danger/Protection)**

CAS# 11119-67-8: No information available.

**Canada - DSL/NDSL**

None of the chemicals in this product are listed on the DSL or NDSL list.

**Canada - WHMIS**

WHMIS: Not available.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

**Canadian Ingredient Disclosure List**

**SECTION 16 : OTHER INFORMATION**

**Disclaimer :**

**Water Specialist Supply(WSS THAILAND) CO.,Ltd provide information contained here in good faith but make no representation as to its comprehensiveness or accuracy.This document is intended only as a guide to the appropriate precautionary handing of the material by a properly trained person using this product.Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.**