

## Safety Data Sheet acc. to OSHA HCS

Printing date 01/18/2023

Reviewed on 01/18/2023

### 1 Identification

- **Product identifier**
- **Trade name: VINSOL® NVX**
- **Product Description** resinatate
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
  - Manufacturer:  
Pinova Incorporated  
2801 Cook Street  
Brunswick, Georgia 31520  
msds@pinovasolutions.com
  - Supplier:  
Les Dérivés Résiniques & Terpéniques  
30 Rue Gambetta, BP 206  
40105 Dax Cedex France  
Tel: 33-(0)558566200  
Fax: 33-(0)558566222  
Email: [fds@drt.fr](mailto:fds@drt.fr)
- **Information department:**  
Pinova, Inc. - Regulatory Affairs Department  
[msds@pinovasolutions.com](mailto:msds@pinovasolutions.com)

EU Only Representative for REACH:  
DRT OR FOR PINOVA  
30 rue Gambetta  
BP 206  
40105 Dax Cedex  
France  
+33 (0)5 58 56 62 00  
[reach@drt.fr](mailto:reach@drt.fr)

- **Emergency telephone number:**  
NCEC (24/24 - 7/7):  
UNITED STATES & CANADA -

FOR INFORMATION OR IN AN EMERGENCY CALL NCEC @ +1 866 928 0789 (TOLL FREE) OR +1 215 207 0061

PARA INFORMACION Y EN CASO DE EMERGENCIA, LLAME NCEC AL +1 215 207 0061

POUR INFORMATION OU DANS UN APPEL D'URGENCE NCEC AU +1 215 207 0061

MEXICO -

+52 555 004 8763 DISPONIBLE 24/7 (NCEC)

OTHER COUNTRIES: SEE SECTION 16

From Europe : +44 1235 239670 (involves operator intervention to identify language)

Other countries : See section 16

US

(Contd. on page 2)

## Safety Data Sheet acc. to OSHA HCS

Printing date 01/18/2023

Reviewed on 01/18/2023

Trade name: VINSOL® NVX

(Contd. of page 1)

### 2 Hazard(s) identification

· **Classification of the substance or mixture**

The substance is not classified, according to the Globally Harmonized System (GHS).

· **Additional information:**

WHMIS 2015 CLASSIFICATION: Eye irritation - Category 2A

WHMIS 2015 CLASSIFICATION: Combustible Dust - Category 1

· **Label elements**

· **GHS label elements** Void

· **Hazard pictograms** Void

· **Signal word** Void

· **Hazard statements** Void

· **Precautionary statements**

P202 Do not handle until all safety precautions have been read and understood.

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P234 Keep only in original container.

P243 Take precautionary measures against static discharge.

P261 Avoid breathing dust.

P262 Do not get in eyes, on skin, or on clothing.

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves / eye protection.

P301+P312 If swallowed: Call a doctor if you feel unwell.

P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.

P302+P352 If on skin: Wash with plenty of soap and water.

P304+P312 IF INHALED: Call a doctor if you feel unwell.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P314 Get medical advice/attention if you feel unwell.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical attention.

P363 Wash contaminated clothing before reuse.

P402+P404 Store in a dry place. Store in a closed container.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Information pertaining to particular dangers for man and environment:**

**WARNING!**

May cause severe eye irritation. Causes skin irritation. Inhalation may cause respiratory tract irritation. Static charges generated by emptying package in or near flammable vapors may cause flash fire. May form flammable dust-air mixtures.

**POTENTIAL HEALTH EFFECTS**

Ingestion may cause irritation of the mouth, throat, and gastrointestinal tract. Prolonged or repeated contact may cause skin irritation and may cause skin sensitization (allergic reaction) in susceptible individuals.

(Contd. on page 3)

US

## Safety Data Sheet acc. to OSHA HCS

Printing date 01/18/2023

Reviewed on 01/18/2023

**Trade name: VINSOL® NVX**

(Contd. of page 2)

**GENERAL HYGENIC PRACTICES** - Avoid contact with eyes, skin and clothing. Avoid breathing dust or fumes. Handle in areas with adequate ventilation.

**WARNING!**

Solid product at ambient temperature. Static charges generated by emptying package in or near flammable vapors may cause a flash fire. May form flammable dust-air mixtures.

Refer to Section 5 for Hazardous Combustion Products and Section 10 for Hazardous Decomposition/Hazardous Polymerization Products.

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



Health = 0  
Fire = 1  
Reactivity = 0

· **HMS-ratings (scale 0 - 4)**



HEALTH 0 Health = 0  
FIRE 1 Fire = 1  
REACTIVITY 0 Reactivity = 0

· **Other hazards**

**Determination of endocrine disrupting properties:**

The substance is not included in the list established in accordance with Article 59(1) of REACH regulation for having endocrine disrupting properties, and is not a substance identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

· **Results of PBT and vPvB assessment**

- **PBT:** Not a PBT.
- **vPvB:** Not a vPvB.

### 3 Composition/information on ingredients

· **Chemical characterization:** UVCB

· **CAS No.:** 61790-51-0

· **CAS No. Description**

CAS No. 61790-51-0: Resin acids and Rosin acids, sodium salts

· **Additional information:**

As Pinova, Inc interprets the Workplace Hazardous Materials Information System (WHMIS) 2015, this product should be considered a hazardous material due to the potential presence of combustible dust. If dispersed in air, the fine particles may catch fire if ignited. This SDS contains valuable information important to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users/handlers of this product.

· **Impurities and stabilising additives:**

**Additives:** (CAS 1344-09-8) : Silicic acid, sodium salt - ≤0.2% w/w

**Impurities:** (CAS 1310-73-2) : Sodium hydroxide ≤ 0.5% w/w

CAS: 1344-09-8

Silicic acid, sodium salt

EINECS: 215-687-4

⚠ Acute Toxicity - Oral 3, H301; ⚠ Eye Damage 1, H318; ⚠ Skin Irritation 2, H315; Specific Target Organ Toxicity - Single Exposure 3, H335

(Contd. on page 4)

US

## Safety Data Sheet acc. to OSHA HCS

Printing date 01/18/2023

Reviewed on 01/18/2023

**Trade name: VINSOL® NVX**

(Contd. of page 3)

CAS: 1310-73-2

sodium hydroxide

EINECS: 215-185-5

⚠️ Skin Corrosion 1A, H314; ⚠️ Acute Toxicity - Oral 4, H302

### 4 First-aid measures

- **Description of first aid measures**

- **After inhalation:**

Remove to fresh air. Treat any irritation symptomatically. If necessary consult a doctor.

- **After skin contact:**

Wash off immediately with plenty of soap and water. Remove contaminated clothing and clean before reuse.

- **After eye contact:**

Immediately flush eyes with water for 15 minutes. Remove contact lenses for better cleansing. If necessary consult a doctor.

- **After swallowing:**

Rinse out mouth with water. Drink large quantities of water. Do NOT induce vomiting! Call a doctor. NEVER give anything by mouth to an unconscious person.

- **Information for doctor:**

- **Most important symptoms and effects, both acute and delayed**

No further relevant information available.

- **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

### 5 Fire-fighting measures

- **Extinguishing media**

- **Suitable extinguishing agents:**

Fight the fire using water spray, sand, dry powder, carbon dioxide or foam. Cool tank with water spray.

Use fire fighting measures that suit the environment.

- **Special hazards arising from the substance or mixture**

Carbon monoxide (CO)

Carbon Dioxide (CO<sub>2</sub>)

Smoke

Depending on conditions, some aldehydes and carboxylic acids also may be formed.

- **Advice for firefighters**

- **Protective equipment:**

Self contained breathing apparatus (CEN : EN 137)

Protective clothing (CEN : EN 469)

Protective gloves (CEN : EN 659)

Helmet (CEN : EN 443)

- **Additional information**

Avoid excess dust in the atmosphere since this is an explosion hazard in the presence of electrical sparks and static discharges. Avoid flammable vapors when removing shrink-wrap film from pallets, since these may ignite due to static electricity. Avoid overheating, especially by direct contact with open flames. Avoid static build-up when emptying packaging. Earth all equipment and attach a grounding cable to the package grounding connection.

Severe conditions of heat and flames. This water-based product should not be regarded as a fire and explosion hazard except under extreme conditions of heat and flames. Keep away from oxidizing agents as this may lead to a fire.

(Contd. on page 5)

US

## Safety Data Sheet acc. to OSHA HCS

Printing date 01/18/2023

Reviewed on 01/18/2023

**Trade name: VINSOL® NVX**

(Contd. of page 4)

*Danger signs: Fumes and signs of boiling from overheating of the product.*

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**

*This powder when dispersed in air represents an explosion hazard.*

*Keep away from ignition sources*

- **Environmental precautions:**

*Do not allow product to reach soil, waterways, drains and sewers.*

*Inform the relevant authorities if the product has caused environmental pollution (soil, waterways, drains or sewers).*

- **Methods and material for containment and cleaning up:**

*Sweep up the resin for use or place in a container for disposal. Dispose of in a safe manner, in accordance with local regulations.*

- **Reference to other sections**

*See Section 7 for information on safe handling.*

*See Section 8 for information on personal protection equipment.*

*See Section 13 for disposal information.*

- **Protective Action Criteria for Chemicals**

- **PAC-1:** Substance is not listed.

- **PAC-2:** Substance is not listed.

- **PAC-3:** Substance is not listed.

### 7 Handling and storage

- **Handling:**

- **Precautions for safe handling**

*Handle in a well ventilated area. The conditions of use of this resin should be examined to try to reduce fumes and dusting. The fine particles and powder should be regarded as an inert, nuisance dust with a threshold limit value of 10 mg/m<sup>3</sup> for total dust and of 3 mg/m<sup>3</sup> for the respirable portion. When emptying where flammable vapors are present, earth the operator, blanket the vessel with an inert gas and pour the product into a conductive earthed chute. Earth all equipment.*

- **Information about protection against explosions and fires:**

*Dust can combine with air to form an explosive mixture.*

*Ground all equipment.*

*Blanket vessel with inert gas when emptying bags where flammable vapors may be present.*

*Ground operator and pour material slowly into conductive, grounded chute.*

*For large bags (1000 lbs or greater) a ground cable MUST be attached to the bag ground connection.*

*Avoid conditions that generate dust; product may form flammable dust-air mixtures.*

*Avoid emptying package in or near flammable vapors; static charges may cause flash fire.*

*Keep away from heat, flame, sparks and other ignition sources.*

*Spontaneous heating may occur if stored in a non-ventilated area at elevated temperatures.*

- **Conditions for safe storage, including any incompatibilities**

- **Storage:**

- **Requirements to be met by storerooms and receptacles:**

*Store at temperatures above 0 degrees C.*

*Product should be stored, under cover, in a clean well ventilated area. Maintain a clean area by removing dust. Keep away from heat, sparks and other sources of ignition. No smoking. The product is prone to slow oxidation and it is recommended that it is used on a first-in first-out basis.*

(Contd. on page 6)

US

## Safety Data Sheet acc. to OSHA HCS

Printing date 01/18/2023

Reviewed on 01/18/2023

**Trade name: VINSOL® NVX**

(Contd. of page 5)

- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
None. Avoid those materials affected at high alkaline pH.
- **Specific end use(s)** No further relevant information available.

### 8 Exposure controls/personal protection

- **Additional information about design of technical systems:**  
Handle in a well ventilated area. Normal industrial hygiene measures should be sufficient. The conditions of use of this resin should be examined to try to reduce fumes and dusting.

- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

Inhalable dust:

Austria: exposure limit value - 8 hours (VME) = 10 mg / m<sup>3</sup>  
Austria: short-term exposure limit value (TLVC) = 20 mg / m<sup>3</sup>  
Belgium: exposure limit value - 8 hours (VME) = 10 mg / m<sup>3</sup>  
Denmark: exposure limit value - 8 hours (VME) = 10 mg / m<sup>3</sup>  
Denmark: Short-term exposure limit value (TLVC) = 20 mg / m<sup>3</sup>  
France: exposure limit value - 8 hours (VME) = 10 mg / m<sup>3</sup> (binding regulatory limit value)  
Germany (AGS): exposure limit value - 8 hours (VME) = 10 mg / m<sup>3</sup>  
Germany (AGS): short-term exposure limit value (TLVC) = 20 mg / m<sup>3</sup>  
Germany (DFG): exposure limit value - 8 hours (VME) = 4 mg / m<sup>3</sup>  
Hungary: exposure limit value - 8 hours (VME) = 10 mg / m<sup>3</sup>  
Ireland: exposure limit value - 8 hours (VME) = 10 mg / m<sup>3</sup>  
Spain: exposure limit value - 8 hours (VME) = 10 mg / m<sup>3</sup>  
Sweden: exposure limit value - 8 hours (VME) = 10 mg / m<sup>3</sup>  
Switzerland: exposure limit value - 8 hours (VME) = 10 mg / m<sup>3</sup>

Respirable dust:

Austria: exposure limit value - 8 hours (VME) = 5 mg / m<sup>3</sup>  
Austria: Short-term exposure limit value (TLVC) = 10 mg / m<sup>3</sup>  
Belgium: exposure limit value - 8 hours (VME) = 3 mg / m<sup>3</sup>  
France: exposure limit value - 8 hours (VME) = 5 mg / m<sup>3</sup> (binding regulatory limit value)  
Germany (AGS): exposure limit value - 8 hours (VME) = 3 mg / m<sup>3</sup>  
Germany (AGS): short-term exposure limit value (TLV) = 6 mg / m<sup>3</sup>  
Germany (DFG): exposure limit value - 8 hours (VME) = 1.5 mg / m<sup>3</sup>  
Hungary: exposure limit value - 8 hours (VME) = 6 mg / m<sup>3</sup>  
Ireland: exposure limit value - 8 hours (VME) = 4 mg / m<sup>3</sup>  
Spain: exposure limit value - 8 hours (VME) = 3 mg / m<sup>3</sup>  
Sweden: exposure limit value - 8 hours (VME) = 5 mg / m<sup>3</sup>  
Switzerland: exposure limit value - 8 hours (VME) = 3 mg / m<sup>3</sup>

- **Additional information:** This sheet is based on the current valid lists at the time of its preparation.

- **Exposure controls**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Immediately remove all soiled and contaminated clothing.

Avoid contact with eyes and skin.

(Contd. on page 7)

—US

## Safety Data Sheet acc. to OSHA HCS

Printing date 01/18/2023

Reviewed on 01/18/2023

**Trade name: VINSOL® NVX**

(Contd. of page 6)

- **Breathing equipment:**  
In case of insufficient ventilation, use a breathing mask with filter type: P2 (CEN : EN 140; EN 143; EN 149)
- **Protection of hands:** Protective gloves (Plastic, impervious). (CEN : EN420)
- **Eye protection:** Airtight chemical goggles.
- **Body protection:** Appropriate protective clothing

### 9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

- |                          |                       |
|--------------------------|-----------------------|
| · <b>Form:</b>           | Powder                |
| · <b>Color:</b>          | dark, amber           |
| · <b>Odor:</b>           | Resinous, soapy odour |
| · <b>Odor threshold:</b> | Not determined.       |

- |                    |                 |
|--------------------|-----------------|
| · <b>pH-value:</b> | Not applicable. |
|--------------------|-----------------|

· **Change in condition**

- |  |                 |
|--|-----------------|
| · <b>Melting/freezing point:</b>                 | Not determined. |
| · <b>Initial Boiling point or boiling range:</b> | Not determined. |

- |                       |   |
|-----------------------|---|
| · <b>Flash point:</b> | 125 °C (257 °F) (closed cup (@1013.25 hPa))<br>Method A9, Regulation (EC) No 440/2008 |
|-----------------------|---|

- |   |                           |
|---|---------------------------|
| · <b>Flammability (solid, gaseous):</b> | Product is not flammable. |
|---|---------------------------|

- |                                |  |
|--------------------------------|--|
| · <b>Ignition temperature:</b> | 343°C / 650°F<br>Method A15. Reg(EC) No 440/2008 |
|--------------------------------|--|

- |                                     |                 |
|-------------------------------------|-----------------|
| · <b>Decomposition temperature:</b> | Not determined. |
|-------------------------------------|-----------------|

- |                                     |                 |
|-------------------------------------|-----------------|
| · <b>Auto ignition temperature:</b> | Not determined. |
|-------------------------------------|-----------------|

- |                                |  |
|--------------------------------|--|
| · <b>Explosive properties:</b> | The substance does not contain chemical groups with explosive properties. As packaged, this product is not explosive. However, the formation of fine dust particles may create a risk for explosion. |
|--------------------------------|--|

- |                 |                 |
|-----------------|-----------------|
| · <b>Lower:</b> | Not determined. |
|-----------------|-----------------|

- |                 |                 |
|-----------------|-----------------|
| · <b>Upper:</b> | Not determined. |
|-----------------|-----------------|

- |                               |  |
|-------------------------------|--|
| · <b>Oxidizing properties</b> | The substance does not contain any chemical groups associated with oxidizing properties. |
|-------------------------------|--|

- |                          |                   |
|--------------------------|-------------------|
| · <b>Vapor pressure:</b> | negligible @ 20°C |
|--------------------------|-------------------|

- |                   |                 |
|-------------------|-----------------|
| · <b>Density:</b> | Not determined. |
|-------------------|-----------------|

- |                        |                |
|------------------------|----------------|
| · <b>Bulk density:</b> | Not determined |
|------------------------|----------------|

- |                           |                 |
|---------------------------|-----------------|
| · <b>Relative density</b> | Not determined. |
|---------------------------|-----------------|

- |                        |                 |
|------------------------|-----------------|
| · <b>Vapor density</b> | Not applicable. |
|------------------------|-----------------|

- |                           |                |
|---------------------------|----------------|
| · <b>Evaporation rate</b> | Not Determined |
|---------------------------|----------------|

- |  |                    |
|--|--------------------|
| · <b>Solubility in / Miscibility with Water:</b> | Completely soluble |
|--|--------------------|

(Contd. on page 8)

US

## Safety Data Sheet acc. to OSHA HCS

Printing date 01/18/2023

Reviewed on 01/18/2023

**Trade name: VINSOL® NVX**

(Contd. of page 7)

- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
  - Dynamic:** Not applicable.
  - Kinematic:** Not applicable.
- **Other information** No further relevant information available.

### 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
This product is chemically stable. Spontaneous heating may occur if stored in a nonventilated area at elevated temperatures.
- **Possibility of hazardous reactions** This product may react with oxidizing agents.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** None known.
- **Hazardous decomposition products:**  
This product has limited chemical reactivity. No hazardous chemicals are known to be formed during the use of this product.

### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:**

Oral	LD50	5,800 mg/kg (mouse)
------	------	---------------------
- **Primary irritant effect:**
- **Serious eye damage/irritation:** Prolonged contact with undiluted material may cause irritation.
- **Skin Sensitization:**  
Inhalation: The product may cause respiratory tract irritation.  
Ingestion: No specific symptoms.
- **Additional toxicological information:**  
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.  
The substance is not subject to classification.
- **Carcinogenic categories**
- **IARC (International Agency for Research on Cancer)** Substance is not listed.
- **NTP (National Toxicology Program)** Substance is not listed.
- **OSHA-Ca (Occupational Safety & Health Administration)** Substance is not listed.

### 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** Acute aquatic 96-hour LC50 (zebra fish): 5.2 mg/l.

(Contd. on page 9)

US



## Safety Data Sheet acc. to OSHA HCS

Printing date 01/18/2023

Reviewed on 01/18/2023

**Trade name: VINSOL® NVX**

(Contd. of page 8)

- **Persistence and degradability**  
The biological degradation has not been studied. This product probably does not present a long-term ecological problem as it is assumed to be slowly biodegradable.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Water hazard class 1 (Assessment by list): slightly hazardous for water
- **Results of PBT and vPvB assessment**
- **PBT:** Not a PBT.
- **vPvB:** Not vPvB.
- **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**  
Dispose by controlled incineration or by dumping in an approved landfill area according to local regulations.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>· <b>UN-Number</b></li> <li>· <b>DOT, ADR, IMDG, IATA</b></li> </ul>  | Void  |
| <ul style="list-style-type: none"> <li>· <b>UN proper shipping name</b></li> <li>· <b>DOT, ADR, IMDG, IATA</b></li> </ul>                            | Void  |
| <ul style="list-style-type: none"> <li>· <b>Transport hazard class(es)</b></li> <li>· <b>DOT, ADN, IMDG, IATA</b></li> <li>· <b>Class</b></li> </ul> | Void  |
| <ul style="list-style-type: none"> <li>· <b>ADR</b></li> <li>· <b>Class</b></li> </ul>   | Void<br>Not classified as dangerous goods for transport according to the regulations. |
| <ul style="list-style-type: none"> <li>· <b>Packing group</b></li> <li>· <b>DOT, ADR, IMDG, IATA</b></li> </ul>                                      | Void  |
| <ul style="list-style-type: none"> <li>· <b>Environmental hazards:</b></li> <li>· <b>Marine pollutant:</b></li> </ul>                                | No  |
| <ul style="list-style-type: none"> <li>· <b>Special precautions for user</b></li> </ul>  | Not applicable.   |
| <ul style="list-style-type: none"> <li>· <b>Maritime transport in bulk according to IMO instruments</b></li> </ul>                                   | Not applicable.   |

(Contd. on page 10)

US

## Safety Data Sheet acc. to OSHA HCS

Printing date 01/18/2023

Reviewed on 01/18/2023

**Trade name: VINSOL® NVX**

(Contd. of page 9)

· **UN "Model Regulation":** Void

### 15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

*Regulation (EC) No. 1907/2006 (REACH):*

*This product does not contain any of the substances included in the following lists*

- Annex XIV (Authorization) / Substances of Very High Concern (SVHC)
- Annex XVII (Restrictions)

· **Sara**

· **Section 355 (extremely hazardous substances):** Substance is not listed.

· **Section 313 (Specific toxic chemical listings):**

*This product does not contain any chemicals subject to reporting under Section 313 of Title III of the Superfund Amendments and Reauthorization Act and 40CFR372.*

*Substance is not listed.*

· **SECTIONS 302/304**

*This product is not an Extremely Hazardous Substance subject to reporting under 40CFR355.*

· **SECTION 311 AND 312**

*Physical Hazard:*

*Combustible Dust*

*Health Hazard:*

*Serious eye damage or eye irritation*

· **CERCLA**

*U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities*

*sodium hydroxide*

*1000 lb final RQ; 454 kg final RQ*

· **RCRA**

*This product is not a hazardous waste as listed in 40CFR261.33. It does not exhibit any of the hazardous characteristics listed in 40CFR261, Subpart C.*

· **TSCA (Toxic Substances Control Act):** Substance is listed.

· **Hazardous Air Pollutants** Substance is not listed.

· **Proposition 65**

· **Chemicals known to cause cancer:** Substance is not listed.

· **Chemicals known to cause reproductive toxicity for females:** Substance is not listed.

· **Chemicals known to cause reproductive toxicity for males:** Substance is not listed.

· **Chemicals known to cause developmental toxicity:** Substance is not listed.

· **New Jersey Right-to-Know List:** Substance is not listed.

· **New Jersey Special Hazardous Substance List:** Substance is not listed.

· **Pennsylvania Right-to-Know List:** Substance is not listed.

· **Pennsylvania Special Hazardous Substance List:** Substance is not listed.

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)** Substance is not listed.

· **TLV (Threshold Limit Value)** Substance is not listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)** Substance is not listed.

· **Canadian substance listings:**

· **Canadian Domestic Substances List (DSL)** Substance is listed.

· **GHS label elements** Void

· **Hazard pictograms** Void

(Contd. on page 11)

US

## Safety Data Sheet acc. to OSHA HCS

Printing date 01/18/2023

Reviewed on 01/18/2023

**Trade name: VINSOL® NVX**

(Contd. of page 10)

- **Signal word** Void
- **Hazard statements** Void
- **Precautionary statements**
  - P202 Do not handle until all safety precautions have been read and understood.
  - P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
  - P234 Keep only in original container.
  - P243 Take precautionary measures against static discharge.
  - P261 Avoid breathing dust.
  - P262 Do not get in eyes, on skin, or on clothing.
  - P264 Wash thoroughly after handling.
  - P270 Do not eat, drink or smoke when using this product.
  - P271 Use only outdoors or in a well-ventilated area.
  - P280 Wear protective gloves / eye protection.
  - P301+P312 If swallowed: Call a doctor if you feel unwell.
  - P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.
  - P302+P352 If on skin: Wash with plenty of soap and water.
  - P304+P312 IF INHALED: Call a doctor if you feel unwell.
  - P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
  - P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  - P314 Get medical advice/attention if you feel unwell.
  - P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
  - P337+P313 If eye irritation persists: Get medical attention.
  - P363 Wash contaminated clothing before reuse.
  - P402+P404 Store in a dry place. Store in a closed container.
  - P403+P233 Store in a well-ventilated place. Keep container tightly closed.
  - P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Chemical safety assessment:**  
The substance meets the criteria for classification as dangerous and is not PBT or vPvB. An exposure scenario has been published.

### 16 Other information

Refer to NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids, for safe handling. This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Emergency telephone numbers (other countries) :**  
NCEC In-Country Numbers (24/24 - 7/7):  
**Global / English speaking countries** : +44 1865 407333  
**Middle East/Africa** : +44 1235 239671\* (English, Arabic, French, Portuguese, Farsi)  
**Americas** : +1 215 207 0061\* (English, Spanish, French, Portuguese)  
**East/South East Asia** : +65 3158 1074\* (English, Bengali, Cantonese, Indonesian, Hindi, Japanese, Korean, Malay, Mandarin, Sinhalese, Urdu, Tagalog, Thai, Vietnamese)  
**Europe** : +44 1235 239670\*  
\*(involves operator intervention to identify language)
- **Relevant phrases**  
H301 Toxic if swallowed.  
H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.

(Contd. on page 12)

US

## Safety Data Sheet acc. to OSHA HCS

Printing date 01/18/2023

Reviewed on 01/18/2023

**Trade name: VINSOL® NVX**

(Contd. of page 11)

*H315 Causes skin irritation.*

*H318 Causes serious eye damage.*

*H335 May cause respiratory irritation.*

· **Date of preparation / last revision** 01/18/2023

· **Abbreviations and acronyms:**

*RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)*

*IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)*

*ICAO: International Civil Aviation Organisation*

*ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)*

*ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)*

*IMDG: International Maritime Code for Dangerous Goods*

*DOT: US Department of Transportation*

*IATA: International Air Transport Association*

*CAS: Chemical Abstracts Service (division of the American Chemical Society)*

*NFPA: National Fire Protection Association (USA)*

*HMIS: Hazardous Materials Identification System (USA)*

*LC50: Lethal concentration, 50 percent*

*LD50: Lethal dose, 50 percent*

*PBT: Persistent, Bioaccumulative and Toxic*

*vPvB: very Persistent and very Bioaccumulative*

*NIOSH: National Institute for Occupational Safety*

*OSHA: Occupational Safety & Health*

*TLV: Threshold Limit Value*

*PEL: Permissible Exposure Limit*

*REL: Recommended Exposure Limit*

*NOAEL: No Observed Adverse Effect Level*

· **Sources Literature and company data**

· **\* Data compared to the previous version altered.**

*The SDS has been updated in accordance with Regulation (EU) 2020/878, amending Annex II of Regulation (EC) No 1907/2006 and revising the emergency contact numbers (amendment of sections: 1, 2, 3, 9, 11, 12, 14, 16).*

US