



**NUVINAIR GLOBAL LLC**

**Safety Data Sheet**  
**ReNuSurface® Power Podz**

SDS no. NVA3610 • Version 2.0 • Date of issue: 2023-03-06

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**SECTION 1: Identification**

**GHS Product identifier**

Product name ReNuSurface® Power Podz

Product number NVA6101

Brand NuVinAir

**Recommended use of the chemical and restrictions on use** Cleaning and Deodorizing Agent

**Supplier's details**

Name NuVinAir Global LLC  
Address 5851 Legacy Circle, Suite 600  
Plano, TX 75024  
United States

Telephone 1844-984-6247

Website www.nuvinair.com

**Emergency phone number**  
1-800-424-9300

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**SECTION 2: Hazard identification**

**General hazard statement**

The hazard classification and label elements in this Safety Data Sheet reflect the intrinsic properties of the CONCENTRATE in its sealed water-soluble pod. The hazard and precautionary statements ONLY apply to spills and handling exposure to the concentrate itself outside of the sachet and in large quantities. The pod when intact provides a barrier to dermal and inhalation exposure under conditions of normal handling and use. The product when used as recommended and diluted according to the manufacturers specifications is not classified as hazardous and does NOT require any Personal Protective Equipment (PPE).

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.

**Classification of the substance or mixture**

**GHS classification in accordance with: OSHA (29 CFR 1910.1200)**

- Acute toxicity, oral, Cat. 4
- Eye damage/irritation, Cat. 1
- Skin corrosion/irritation, Cat. 2
- Sensitization, skin, Cat. 1 - Toxic to reproduction, Cat. 1A

**GHS label elements, including precautionary statements**  
**Pictograms**



**Signal word**

**Danger**

**Hazard statement(s)**

Harmful if swallowed  
 Causes skin irritation  
 May cause an allergic skin reaction  
 Causes serious eye damage  
 May damage fertility or the unborn child

**Precautionary statement(s)**

**Prevention** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing fume/gas/mist/vapors/spray. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.

**Response** IF ON SKIN: Wash with plenty of water and a mild soap. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/attention. Immediately call a POISON CENTER/doctor. Specific treatment (see the first aid section on this label). Rinse mouth. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

**Storage** Store locked up.

**Disposal** Dispose of contents/container to an approved waste disposal plant.

**SECTION 3: Composition/information on ingredients**

**Mixtures**

**Hazardous components**

Component	Concentration
Octoxynol-9 (CAS no.: 9002-93-1)	45 - 50 % (weight)
Tetrahydrofurfuryl alcohol (CAS no.: 97-99-4; EC no.: 202-625-6; Index no.: 603-061-00-7)	10 - 15 % (weight)
Component 4 (trade secret)*	10 - 15 % (weight), Proprietary*
Hexylene glycol (CAS no.: 107-41-5; EC no.: 203-489-0; Index no.: 603-053-00-3)	5 - 10 % (weight)

**Trade secret statement (OSHA 1910.1200(i))**

\*The specific chemical identities and/or actual concentrations or actual concentration ranges for one or more listed components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

**SECTION 4: First-aid measures**

**Description of necessary first-aid measures** If inhaled Remove person to fresh air and keep comfortable for breathing.

In case of skin contact Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

In case of eye contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

If swallowed Call a poison center/doctor/physician if you feel unwell.

**Most important symptoms/effects, acute and delayed**

Symptoms/effects after skin contact: Irritation. May cause an allergic skin reaction.

Symptoms/effects after eye contact: Serious damage to eyes.

**Indication of immediate medical attention and special treatment needed, if necessary** Treat symptomatically.

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**SECTION 5: Fire-fighting measures**

**Suitable extinguishing media**

Water spray. Dry powder. Foam. Carbon dioxide.

**Specific hazards arising from the chemical**

Hazardous decomposition products in case of fire: Toxic fumes may be released.

**Special protective actions for fire-fighters**

Protection during firefighting: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

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**SECTION 6: Accidental release measures**

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

For non-emergency personnel - Emergency procedures: Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

For emergency responders - Protective equipment: Do not attempt to act without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

**Environmental precautions**

Avoid release to the environment.

**Methods and materials for containment and cleaning up**

Methods for cleaning up: Take up liquid spill into absorbent material.

Other information: Dispose of materials or solid residues at an authorized site.

**Reference to other sections**

For further information refer to section 13.

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**SECTION 7: Handling and storage**

**Precautions for safe handling**

Precautions for safe handling: Ensure good ventilation of the workstation. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapors/spray.

Hygiene measures: Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace.

Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

conditions: Store in a well-ventilated place. Keep cool.

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**SECTION 8: Exposure controls/personal protection**

**Control parameters**

**CAS: 107-41-5 (EC: 203-489-0)** Hexylene

glycol

Cal/OSHA (USA): 25 ppm, 125 mg/m<sup>3</sup> PEL-C inhalation; NIOSH (USA): 25 ppm, 125 mg/m<sup>3</sup> PEL-C inhalation

**CAS: 57-55-6 (EC: 200-338-0)**

Propylene glycol

OSHA (USA): 10 mg/m<sup>3</sup> TWA inhalation

**CAS: 9002-93-1 (EC: 618-344-0)**

Octylphenol Ethoxylate

US/OSHA (USA): 10 mg/m<sup>3</sup> TWA inhalation

**CAS: 97-99-4 (EC: 202-625-6)**

TETRAHYDROFURFURYL ALCOHOL

US/OSHA (USA): 0.5 ppm TWA dermal

**Appropriate engineering controls**

Appropriate engineering controls: Ensure good ventilation of the workstation. Environmental exposure controls: Avoid release to the environment.

**Individual protection measures, such as personal protective equipment (PPE)**

**Eye/face protection** Safety glasses

**Skin protection**

Wear suitable protective clothing and gloves.

**Respiratory protection**

In case of insufficient ventilation, wear suitable respiratory equipment.

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**SECTION 9: Physical and chemical properties**

Appearance (physical state, color, etc.)	Purple Liquid
Odor	Floural
Odor threshold	No data available.
pH	6.5-8.5
Melting point/freezing point	Not applicable
Initial boiling point and boiling range	No data available.
Flash point	> 200 °F
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability or explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	1.01 g/ml
Solubility(ies)	Soluble
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.

**Additional properties**

Physical state	Liquid
Color	Purple
Explosive properties	No data available.
Oxidizing properties	No data available.

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**SECTION 10: Stability and reactivity**

**Reactivity**

The product is non-reactive under normal conditions of use, storage and transport.

**Chemical stability**

The product is non-reactive under normal conditions of use, storage and transport.

**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

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#### Product Components:

Octylphenol Ethoxylate: Avoid contact with: Strong acids, Strong oxidizers.

Hexylene glycol: Strong acids, Strong oxidizing agents, Strong reducing agents

Propylene glycol: Acid chlorides, Acid anhydrides, Oxidizing agents, Chloroformates, Reducing agents Geraniol:  
Strong oxidizing agents, Acid chlorides, Acid anhydrides

#### Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

The ATE (oral) of the mixture is: 1000 mg/kg bw

#### Product Components:

Octylphenol Ethoxylate (9002-93-1):

LD50 oral rat: 1800 mg/kg Source: Corporate Solution From Thomson Micromedex ATE

US (oral): 1800 mg/kg body weight

Tetrahydrofurfuryl alcohol (97-99-4):

LD50 oral rat: 1600 mg/kg Source: National Library of Medicine ATE

US (oral): 1600 mg/kg body weight

Hexylene glycol (107-41-5)

LD50 oral rat: 4700 mg/kg Source: ECHA ATE

US (oral): 4700 mg/kg body weight

4-tert-Butylcyclohexyl acetate (32210-23-4)

LD50 oral rat: 300 – 2000 mg/kg body weight Animal: rat, Animal sex: female, Guideline: OECD Guideline 420 (Acute Oral Toxicity Fixed Dose Method), Guideline: EU Method B.1 bis (Acute Oral Toxicity - Fixed Dose Procedure) ATE US (oral): 300 mg/kg body weight

Hexyl cinnamic aldehyde (101-86-0)

LD50 oral rat: 2450 – 3750 mg/kg

LD50 dermal rabbit: > 3000 mg/kg

LC50 Inhalation - Rat: 5 mg/kg

ATE US (oral): 2450 mg/kg body weight

ATE US (vapors): 5 mg/l/4h

ATE US (dust, mist): 5 mg/l/4h

3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one (127-51-5)

LD50 oral rat: > 2000 mg/kg body weight Animal: rat, Animal sex: female, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method)

LD50 dermal rat: > 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

**Skin corrosion/irritation** Causes skin irritation.

**Serious eye damage/irritation** Causes serious eye damage.

**Respiratory or skin sensitization** May cause an allergic skin reaction.

**Germ cell mutagenicity**  
Not classified

**Carcinogenicity**

Not classified

**Reproductive toxicity**

Not classified

**Specific target organ toxicity (STOT) - single exposure** Not classified

**Specific target organ toxicity (STOT) - repeated exposure** Not classified

**Product Components:**

2-methylpentane-2,4-diol (107-41-5)

NOAEL (oral, rat, 90 days): 450 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)

3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one (127-51-5)

NOAEL (oral, rat, 90 days): 30 mg/kg body weight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)

NOAEL (dermal, rat/rabbit, 90 days): 50 mg/kg body weight Animal: rat, Guideline: other:, Remarks on results: other: STOT-repeated exposure: May cause damage to organs through prolonged or repeated exposure.

**Aspiration hazard** Not

classified

**Additional information**

Symptoms/effects after skin contact: Irritation. May cause an allergic skin reaction. Symptoms/effects after eye contact: Serious damage to eyes.

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## SECTION 12: Ecological information

**Toxicity**

Ecology - general: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

**Product Components:**

Octoxynol 9, United States Pharmacopeia (USP) Reference Standard (9002-93-1)

LC50 - Fish [1]: 4.5 mg/l Source: The ECOTOXicology database

Tetrahydrofurfuryl alcohol (97-99-4)

LC50 - Fish [1]: > 101 mg/l Source: OECD Screening Information Data Set

EC50 - Crustacea [1]: > 91.7 mg/l Source: OECD Screening Information Data Set

LOEC (chronic): > 95.1 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

NOEC (chronic): ≥ 95.1 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

2-methylpentane-2,4-diol (107-41-5)

LC50 - Fish [1]: 8690 mg/l Source: EHCA

EC50 - Crustacea [1]: 5140 mg/l Source: ECHA

ErC50 algae: > 429 mg/l Source: EHCA

4-tert-Butylcyclohexyl acetate (32210-23-4)

LC50 - Fish [1]: 8.6 mg/l Test organisms (species): Cyprinus carpio

EC50 - Crustacea [1]: 5.3 mg/l Test organisms (species): Daphnia magna

Hexyl cinnamic aldehyde (101-86-0)

LC50 - Fish [1]: 0.169 mg/l Source: EPI SUITE

1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-acetonaphthalenone (54464-57-2)

LC50 - Fish [1]: 0.258 mg/l Source: ECOSAR

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3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one (127-51-5)

LC50 - Fish [1]: 10.9 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)

EC50 - Crustacea [1]: 9 mg/l Test organisms (species): Daphnia magna

**Persistence and degradability** Product

Components:

Octylphenol Ethoxylate (9002-93-1):

Biodegradability: For this family of materials: Material is readily biodegradable. Passes OECD test(s) for ready biodegradability. 10-day

Window: Not applicable

Biodegradation: > 60 %

Exposure time: 28 d

Method: OECD Test Guideline 301B or Equivalent

Theoretical Oxygen Demand: 2.05 - 2.61 mg/mg Calculated.

Chemical Oxygen Demand: 1.71 - 2.18 mg/mg Dichromate

Biological oxygen demand (BOD) Incubation

Time:

5 days = 17 - 30% BOD

10 days = 25 - 40% BOD

20 days = 23 - 51% BOD

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Tetrahydrofurfuryl alcohol:

Biodegradability aerobic - Exposure

time 28 d Result: 92 % - Readily

biodegradable.

(OECD Test Guideline 301C)

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2-(4-tert-Butylbenzyl)propionaldehyde:

Biodegradability aerobic - Exposure time 28 d

Result: 80.7 % - Readily biodegradable

(OECD Test Guideline 301B)

**Bioaccumulative potential** Product

**Component:**

Octoxynol 9, United States Pharmacopeia (USP) Reference Standard (9002-93-1)

Partition coefficient n-octanol/water (Log Pow)

4.86 Source: National Institute of Technology and Evaluation

tetrahydro-2-furylmethanol, tetrahydrofurfuryl alcohol (97-99-4)

Partition coefficient n-octanol/water (Log Pow)

-0.11 Source: OECD Screening Information Data Set

2-methylpentane-2,4-diol (107-41-5)

Partition coefficient n-octanol/water (Log Pow)

0.58 Source: HSDB

Hexyl cinnamic aldehyde (101-86-0)

Partition coefficient n-octanol/water (Log Pow)

4.82 Source: EPI SUITE

1,2,3,4,5,6,7,8-Octahydro-2,3,8-tetramethyl-2-acetonaphthalenone (54464-57-2)

Partition coefficient n-octanol/water (Log Pow)

5.18 Source: Episuite

3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one (127-51-5)



Partition coefficient n-octanol/water (Log Pow)  
4.7 Source: ECHA Registered substances

**Mobility in soil**

**Product Component:**

Hexyl cinnamic aldehyde (101-86-0)

Mobility in soil

2301 Source: EPI SUITE

**Other adverse effects**

No additional information available

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**SECTION 13: Disposal considerations**

**Disposal methods Waste treatment**

Dispose of contents/container in accordance with licensed collector's sorting instructions.

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**SECTION 14: Transport information**

**DOT (US)**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

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**SECTION 15: Regulatory information**

**Safety, health and environmental regulations specific for the product in question**

**SARA 302 Components**

This material does not contain any components with a section 302 EHS TPQ.

**SARA 311/312 Hazards**

Acute Health Hazard, Chronic Health Hazard

**SARA 313 Components**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**Toxic Substances Control Act (TSCA) Inventory**

All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

**Massachusetts Right To Know Components**

2-Furanmethanol, Tetrahydro- (97-99-4), Hexylene glycol (107-41-5)

**New Jersey Right To Know Components**

Octylphenol Ethoxylate (9002-93-1), Hexylene glycol (107-41-5), Propylene glycol (57-55-6)

**Pennsylvania Right To Know Components**

Octylphenol Ethoxylate (9002-93-1), 2-Furanmethanol, Tetrahydro- (97-99-4), Hexylene glycol (107-41-5), Propylene glycol (57-55-6)

**California Prop. 65 Components**

This product contains a chemical that is at or below California Propositions 65's "safe harbor level" as determined via a risk assessment. Therefore, the chemical is not required to be listed as a Prop 65 chemical on the SDS or label.

**Canadian Domestic Substances List (DSL)**

2-Furanmethanol, tetrahydro- (97-99-4), 2,4-Pentanediol, 2-methyl- (107-41-5), 1,2-Propanediol (57-55-6), Oils, lavender (8000-28-0), Poly(oxy-1, .alpha.-[4-(1,1,3,3-tetramethylbutyl)phenyl]-.omega.-hydroxy- (9002-93-1)

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**SECTION 16: Other information**

Attention: Do not reuse container for purposes other than originally intended. Emptied container retains vapor or product residue. Do not reuse unless container is thoroughly reconditioned. Use only according to information contained in the technical bulletin and SDS.

**Further information/disclaimer**

Disclaimer: The information contained in this SDS is based on the data available to us from sources we believe to be reliable. No warranty or guarantee expressed or implied is made regarding the accuracy of this data or the results obtained from the reliance on this data. The supplier (NuVin Air Global LLC) assumes no responsibility for injury from the use of this product. Be safe read this product safety information and pass it on to all persons who may be exposed to this product. Federal law requires it.