

# ReNuSurface® Cleaning Solution Ready to Use Safety Data Sheet

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Version: Rev 1

# 1. Product and Company Identification

**Product identifiers** 

1.1 Product Name ReNuSurface® Concentrated Cleaning Solution

Producer NuVinAir Global<sub>®</sub>
Product Number No data available

CAS-No. Mixture

## 1.2 Identified uses of the product and uses advised against

Identified Uses Surface cleaning, odor reduction

## 1.3 Details of the chemical supplier

Company NuVinAir® Global Address 5851 Legacy Cir

Suite 600

Plano, Texas 75024

USA

Telephone: 1-844-944-6247

1.4 Emergency phone number

Emergency phone number

1-800-424-9300 Chemtrec

## 2. Hazards Identification

## 2.1 Classification of the substance or mixture

GHS Class: Category 4

## 2.2 GHS Label elements, including precautionary statements

No labeling applicable

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

# 3. Composition/Information on Ingredients

## 3.1 Substances:

Product mixture Synonyms: None

Formula: Mixture
Molecular wt: Mixture
CAS-No. N/A

Chemical NameCAS-No.Ingredient PercentWater7732-18-596.68%

Ammonia 7664-41-7 Between 0.5-2.0%

Surfactant Proprietary < 2.000%\*
Fragrances Proprietary < 1.000%\*

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Other ingredients Proprietary < 1.000%\*

#### Remarks:

There are no additional hazardous ingredients greater than or equal to 1.0 wt% concentration or carcinogenic ingredients greater than or equal to 0.1 wt% concentration.

\*specific percentages of composition are being withheld as a trade Secret.

#### 4.1 Description of first aid measures

General advice Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice

(show the label where possible).

Skin contact Wash off with soap and plenty of water. If skin irritation or rash occurs: Get medical

advice/attention.

Eye contact Rinse with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. If

eye irritation persists: Get medical advice and attention.

Inhalation Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you

feel unwell.

Ingestion Rinse mouth. Get medical advice/attention if you feel unwell.

# 4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects The most important known symptoms and effects are described in the labelling (see section 2.2) and

in section 11.

## 4.3 Indication of any immediate medical attention and special treatment needed

Other first aid No data available

# 5. Fire Fighting Measures

#### 5.1 Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media: None known.

## 5.2 Special hazards arising from the substance or mixture

Fire hazard: None known.

Explosion hazard: No direct explosion hazard.

5.3 Advice for firefighters

Firefighting instructions: Evacuate personnel to a safe area.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

# 6. Accidental Release Measures

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

Personal precautions: No additional risk management measures required. For further information refer to section 8:

"Exposure controls/personal protection".

## 6.2 Environmental precautions

Environmental precautions No special environmental precautions required.

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

Methods for cleanup No special decontamination procedures needed. Absorb remaining liquid with sand or inert absorbent and remove to safe place. Collect spillage.

#### 6.4 References to other sections Other references

For disposal see section 13.

## 7. Handling and Storage

#### 7.1 General hygiene considerations

General hygiene Avoid contact with skin and eyes. In case of large quantities of vapor or mist, use local exhaust or

general dilution ventilation to control exposure within applicable limits. For precautions see section

2.2.

## 7.2 Precautions for safe handling

Precautions for safe handling: None reasonably foreseeable.

Hygiene measures: Use good personal hygiene practices.

## 7.3 Conditions for safe storage, including any incompatibilities

Storage conditions: Keep container closed when not in use.

Incompatible materials: None known.

# 8. Exposure Controls/Personal Protection

## 8.1 Control and exposure limits recommended by the chemical manufacturer

No additional information available

## 8.2 Appropriate engineering controls

No special requirements

## 8.3 Individual protection measures, such as personal protective

 equipment
 Respiratory Protection:
 None required for consumer use.

 use.
 Eye/face protection:
 None required for consumer use.

 Hand protection:
 None required for consumer use.
 Body

**protection:** None required for consumer use.

# 9. Physical and Chemical Properties

#### 9.1 Information on basic physical and chemical properties

Physical state:

Color:

Clear

Odor:

Odor threshold:

Liquid

Clear

Characteristic

No data available

pH: 9.3

Melting point:

Freezing point:

No data available

No data available

Boiling point:

No data available

Flash point:

Flash point:

Relative evaporation rate (butyl acetate=1):

Flammability (solid, gas):

No data available

Vapor pressure: No data available Relative

vapor density at 20 °C: No data available

Relative density: No data available Specific gravity / density: No data available No data available Solubility: Log Pow: No data available No data available Auto-ignition temperature: No data available Decomposition temperature: Viscosity, kinematic: No data available Viscosity, dynamic: No data available **Explosion limits:** No data available Explosive properties: No data available Oxidizing properties: No data available

No additional information available

# 10. Stability and Reactivity

10.1 Reactivity

Reactivity No data available

10.2 Chemical stability

Chemical stability Stable under ordinary conditions of use and storage.

10.3 Possibility of hazardous reactions

Hazardous reactions Hazardous polymerization will not occur.

10.4 Conditions to avoid

Conditions to avoid None Known

10.5 Incompatible materials

Incompatible materials None Known

10.6 Hazardous decomposition products

Hazardous products No hazardous decomposition products known at room temperature.

# 11. Toxicological Information

#### 11.1 Information on toxicological effects

Acute toxicity (oral): Not classified (Based on available data, the classification criteria are not met) Acute toxicity (dermal): Not classified (Based on available data, the classification criteria are not met) Acute toxicity (inhalation): Not classified (Based on available data, the classification criteria are not met) Skin corrosion/irritation: Not classified (Based on available data, the classification criteria are not met) Serious eye damage/irritation: Not classified (Based on available data, the classification criteria are not met) Respiratory or skin sensitization: Not classified (Based on available data, the classification criteria are not met) Germ cell mutagenicity: Not classified (Based on available data, the classification criteria are not met) Carcinogenicity: Not classified (Based on available data, the classification criteria are not met) Reproductive toxicity: Not classified (Based on available data, the classification criteria are not met) Specific target organ toxicity - single exposure: Not classified (Based on available data, the classification criteria are not met) Specific target organ toxicity - repeated exposure: Not classified (Based on available data, the classification criteria are not met) Not classified (Based on available data, the classification criteria are not met) Aspiration hazard:

Viscosity, kinematic: No data available

Symptoms/effects after inhalation: Not expected to present a significant inhalation hazard under anticipated conditions of normal

use.

Symptoms/effects after skin contact: Not expected to present a significant skin hazard under anticipated conditions of normal use.

Symptoms/effects after eye contact: Not expected to present a significant eye contact hazard under anticipated conditions of normal

use.

Symptoms/effects after ingestion: Not expected to present a significant ingestion hazard under anticipated conditions of normal

use.

Other information: Likely routes of exposure: ingestion, inhalation, skin and eye.

# 12. Ecological Information

#### 12.1 Ecotoxicity (aquatic and terrestrial)

Ecology - general: This material has not been tested for environmental effects.

#### 12.2 Persistence and degradability

Degradability No data available

#### NuVinAir Global®

12.3 Bioaccumulation potential

Bioaccumulation No data available

12.4 Mobility in soil

Mobility in soil No data available

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment Not available as chemical safety assessment not required/not conducted.

## 13. Disposal Considerations

#### 13.1 Waste treatment methods Waste treatment disposal

Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority.

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# 14. Transportation

DOT: Not dangerous goods.
TDG: Not dangerous goods.
IMDG: Not dangerous goods.
IATA: Not dangerous goods.

## 15. Regulatory Information

#### 15.1 Safety, health, and environmental regulations specific to the product or mixture

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SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section

302.

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.

TSCA This product contains the following chemical substances subject to the reporting requirements of

TSCA 12(b) if exported from the United States: None

Canada DSL All components of this product are on the Canada Domestic Substance List.

CA Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth

defects, or any other reproductive harm.

State Regulatory Lists: Each state may promulgate standards more stringent than the federal government. This section

cannot encompass an inclusive list or all state regulations. Therefore, the user should review the components listed in Section 2 and consult state or local authorities for specific regulations that

apply.

#### 16. Other Information

HMIS Rating Health hazard: 2

Flammability: 1 Physical Hazard 0 NuVinAir Global®

## ReNuSurface®, Cleaning Solution SDS

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NFPA Rating Health hazard: 2

Fire Hazard: 1 Reactivity Hazard: 0

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Abbreviations and acronyms

IMDG - International

Maritime Code for Dangerous Goods

TDG - Transportation of Dangerous Goods

IATA - International Air Transport Association

GHS - Globally Harmonized System of Classification and Labelling of Chemicals

PBT - Persistent, bioaccumulative and toxic assessment

vPvB - Very persistent and very bioaccumulative assessment

ACGIH - American Conference of Governmental Industrial Hygienists

NIOSH - National Institute for Occupational Safety and Health

TLV - Threshold Limit Values

CAS - Chemical Abstracts Service (division of the American Chemical Society)

NFPA - National Fire Protection Association

HMIS - Hazardous Materials Identification System

CFR - Code of Federal Regulations

SARA - Superfund Amendments and Reauthorization Act

DOT - US Department of Transportation

EC50 - Half maximal effective concentration

LD50 - Median lethal dose

LC50 - Median lethal concentration

SDS - Safety Data Sheet