

Safety Data Sheet

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(English US)

SECTION 1: IDENTIFICATION

1.1 Product Identifier

Product Name: Nu-Well Neutralizer
Product Code: NW-600
Synonyms: Nu-Well 600
Product Form: Powder, crystalline
Chemical Family: Sodium bicarbonate blend

1.2 Intended Use of the Product

Use of the substance: Product used to neutralize acid solutions
Use of the substance: For professional use only.

1.3 Contact Information of the Manufacturer

Johnson Screens / Aqseptence Group
1950 Old Highway 8 NW
New Brighton, MN 55112
USA
Telephone: +1-651-636-3900
<http://www.johnsonscreens.com/>

1.4 Emergency Telephone Number

Emergency Number: +1-800-262-8200 USA
+1-703-741-5500 International
CHEMTREC

SECTION 2: HAZARDOUS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Classification (GHS-US)

Not a dangerous substance according to GHS

2.2. Label Elements

GHS-US Labelling

Hazard Pictograms (GHS-US):



Signal Word (GHS-US):

Warning

Hazard Statements:
(GHS-US)

H315 – May cause skin irritation.
H319 – May cause eye irritation.

Precautionary Statements:
(GHS-US)

P234 - Keep in original container.
P264 - Wash hands, forearms, and exposed areas thoroughly after handling.
P280 - Wear eye protection, face protection, protective clothing, protective gloves.
P302+P352 - If on skin: Wash with plenty of water.
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P313 - If skin irritation occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P362 - Take off contaminated clothing and wash it before reuse.

2.3. Other Hazards

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions. If involved in a fire and thermal decomposition occurs, potential toxic and acrid vapors may be released.

2.4 Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance: Not Applicable

3.2 Mixture

Name	Product Identifier	Percentage	Classification (GHS-US)
Sodium Bicarbonate	CAS No. 144-55-8	Proprietary	Not classified
Inert ingredients	Proprietary	Proprietary	Not classified

Note: If Chemical Name/CAS No. is "proprietary" and/or weight percentage is not listed, the specific chemical identity and/or percentage of composition has been withheld as a trade secret in accordance with CFR §1910.1200.

See Section 16 for the full text of H-phrases.

3.1 PFAS, PFOS, PFC Statement

There are no Perfluorooctanoic Acid (PFOA), Perfluorooctyl Sulfonate (PFOS) or Other Perfluorinated Chemicals (PFCs) in the NW-600 product.

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures

First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).

First-aid Measures after Inhalation: Move to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

First-aid Measures after Skin Contact: Rinse immediately with plenty of water. Obtain medical attention if irritation develops or persists.

First-aid Measures after Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

First-aid Measures after Ingestion: Rinse mouth thoroughly with water. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/Injuries: May cause eye irritation.

Symptoms/Injuries after Inhalation: May cause respiratory irritation.

Symptoms/Injuries after Skin Contact: May cause skin irritation.

Symptoms/Injuries after Eye Contact: May cause eye irritation.

Symptoms/Injuries after Ingestion: Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: None expected under normal conditions of use.

4.3 Indication of any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show label where possible).

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing Media

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

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread product.

5.2. Special Hazards Arising from the Substance or Mixture

Fire Hazard: Not flammable.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters **Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

Firefighting Instructions: Keep upwind. Use water spray or fog for cooling exposed containers. In case of major fire and large quantities: evacuate area. Fight fire remotely due to risk.

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

Other Information: Refer to Section 9 for flammability properties.

SECTION 6: Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid all contact with skin, eyes, or clothing. Avoid breathing (mist, spray).

6.1.1 For Non-emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel. Keep upwind.

6.1.2 For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Stop leak if safe to do so. Eliminate ignition sources. Ventilate area.

6.2 Environmental Precautions

Avoid unnecessary release into the environment. Prevent entry to sewers and public waters.

6.3 Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal.

6.4 Reference to Other Sections

See Section 8, Exposure Controls and Personal Protection. Concerning disposal elimination after cleaning, See Section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

Always wash your hands immediately after handling this product, and once again before leaving the workplace.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Store in a dry, cool, and well-ventilated place. Keep container closed when not in use. Keep/store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Products: Strong acids. Strong bases. Strong oxidizers.

7.3 Specific End Use(s)

Product designed to neutralize acid solutions.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

For substances listed in Section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), or OSHA (PEL).

8.2 Exposure Controls

Appropriate Engineering Controls: Emergency eye wash fountain should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilations, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment: Face shield. Protective goggles. Protective clothing. Gloves.
Insufficient ventilation: wear respiratory protection.



Materials for Protective Clothing: Chemically resistant materials and fabrics.
Hand Protection: Impermeable protective gloves.
Eye Protection: Chemical safety goggles.
Skin and Body Protection: Wear suitable protective clothing.
Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.
Environmental Exposure Controls: Avoid release to the environment.
Consumer Exposure Controls: Do not eat, drink, or smoke during use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties

Physical State:	Crystalline solid	Appearance:	Clear, white
Odor:	No odor	Solubility:	96 g/L in water at 20°C
pH:	8.4 – 8.6	Relative Density:	2.22
Boiling point:	not applicable	Melting point:	not applicable
Vapor Density:	not applicable		

9.2 Other Information: No additional information

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: Hazardous reactions will not occur under normal conditions.

10.2 Chemical Stability: Stable under recommended handling and storage conditions (see Section 7).

10.3 Possibility of Hazardous Reactions: Will not occur.

10.4 Conditions to Avoid: Direct sunlight, extremely high or low temperatures, prolonged exposure to air, incompatible materials.

10.5 Incompatible Materials: Strong oxidizers. Sodium nitrate, iodides, silver salts, mercury salts, lead.

10.6 Hazardous Decomposition Products: Sodium oxides, sulfur oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

Skin: Rabbit, mild skin irritation

Eyes: Rabbit, mild eye irritation

Respiratory: Not available.

Ingestion: Not available.

Respiratory or Skin Sensitization: Not classified.

Germ Cell Mutagenicity: Not classified.

Carcinogenicity: Not classified.

Chronic Toxicity: No observed effect.

Teratogenicity Toxicity: Oral route (gavage), 10 days, various species, 330 mg/kg. Did not show teratogenic effects in animal experiments.

Genetic Toxicity in vitro: Genotoxicity in vitro, tests on bacterial or mammalian cell cultures did not show mutagenic effects.

Specific Target Organ Toxicity (single exposure): Not Classified.

Specific Target Organ Toxicity (repeated exposure): Not Classified.

Symptoms/Injuries after Inhalation: May cause respiratory irritation; inflammation of the larynx and bronchi.

Symptoms/Injuries after Skin Contact: May cause skin irritation.

Symptoms/Injuries after Eye Contact: May cause serious eye irritation.

Symptoms/Injuries after Injection: Ingestion of undiluted product is likely to cause nausea and vomiting.

Chronic Symptoms: None expected under normal conditions of use.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Fishes, <i>Oncorhynchus mykiss</i>	LC50, 96 h, 7, 700 mg/l
Fishes, <i>Oncorhynchus mykiss</i>	NOEC, 96 h, 2,300 mg/l
Fishes, <i>Lepomis macrochirus</i>	LC50, 96 h, 7, 100 mg/l
Fishes, <i>Lepomis macrochirus</i>	NOEC, 96 h, 5,200 mg/l
Crustaceans, <i>Daphnia magna</i>	EC50, 48 h, 4, 100 mg/l
Crustaceans, <i>Daphnia magna</i>	NOEC, 48 h, 3, 100 mg/l

12.2 Mobility

Water, soil / sediments	Soluble
Water, soil / sediments	Mobile

12.3 Persistence and Degradability

Abiotic degradation

Water: hydrolyses

Result: acid/base equilibrium as a function of pH

Degradation products: carbonic acid/bicarbonate/carbonate

Biodegradation

The methods for determining the biological degradability are not applicable to inorganic substances.

Non-bioaccumulative

SECTION 13: DISPOSAL CONSIDERATIONS
13.1 Waste from residues / unused products

- Contact waste disposal services.
- If recycling is not practicable, dispose of in compliance with local regulations.
- or Dilute with plenty of water
- Neutralize with acid
- In accordance with local and national regulations.

13.2 Packaging treatment

- To avoid treatments, as far as possible, use dedicated containers.
- or Clean container with water.
- Dispose of rinse water in accordance with local and national regulations.
- The empty and clean containers are to be reused in conformity with regulations.
- or Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities.

SECTION 14: TRANSPORTATION INFORMATION
14.1 In Accordance with DOT

Not regulated as a hazardous material by the US Dept. of Transportation (DOT) 49CFR 172.101 Hazardous Materials Table

14.2 In Accordance with IMDG

Not regulated for transport.

14.3 In Accordance with IATA

Not regulated for transport.

14.4 In Accordance Canadian TDG

Not regulated for transport.

Hazard Class: Non-Hazardous

Label Codes: None required

Reportable Quantity: None

SECTION 15: REGULATORY INFORMATION

TSCA Inventory Status	All ingredients are listed on the TSCA inventory.
DSCL (EEC)	All ingredients are listed on the DSCL inventory.
California Proposition 65	Not Listed
SARA 302	Not Listed
SARA 304	Not Listed
SARA 311	No SARA Hazards
SARA 312	No SARA Hazards
SARA 313	Not Listed
WHMIS Canada	Not Listed

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of Issue: 01/03/2022

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Ratings:

NFPA (National Fire Protection Association)

Health = 0, Flammability = 0, Instability = 0, Special = None

HMIS (Hazardous Material Information System)**Health = 0, Fire = 0, Reactivity = 0, PPE: Supplied by user, dependent on local conditions**

Other information: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Skin Irrit. 2	Skin corrosion/irritation Category 2
H315	Causes skin irritation
H319	Causes serious eye irritation

Disclaimer The information contained in this SDS was compiled using the latest and most reliable information available at the time of printing. The information contained herein is based on data considered accurate and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed or relied upon as guaranteeing any **specific** property of the product, and no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the user thereof.

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