

SAFETY DATA SHEET



1: Identification of the Substance/Preparation & the Company

1.1 GHS Product Identifier

Product Name: Novo Foaming Instant Hand Sanitizer – Alcohol Free

1.2 Other Means of Identification

Product Code(s): 147NOVOFISAN / 999NOVOFISAN

Synonyms: NAHS

1.3 Recommended Use of the Chemical and Restrictions on Use

Recommended Use: Hand sanitizer

Uses Advised Against: No Information Available

1.4 Supplier's Details

Distributor's Address

Noble Chemical, Inc.
2205 Old Philadelphia Pike
Lancaster, PA 17602
Phone: 888-256-6400
Website: www.NobleChemical.com

1.5 Emergency Telephone Number

CHEM TEL: 800-255-3924

2: Hazards Identification

2.1 Classification of the Substance or Mixture

This chemical is not considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

2.2 GHS Label Elements, Including Precautionary Statements

Signal Word: Danger

Hazard Statement(s):

- None

Appearance: Clear

Physical State: Liquid

Odor: No information available

Precautionary Statement(s):

Prevention

- Do not breathe dust/fume/gas/mist/vapors/spray

General Advice

- Immediately call a POISON CENTER or doctor/physician

Eyes

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- Immediately call a POISON CENTER or doctor/physician.

Skin

- Take off immediately all contaminated clothing.
- Wash contaminated clothing before reuse

Inhalation

- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Ingestion

- IF SWALLOWED: Rinse mouth. DO NOT induce vomiting

Storage

- Store locked up

Disposal

- Dispose of contents/container to an approved waste disposal plant



2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

None.

Other Information

None.

3: Composition/Information on Ingredients

Chemical Name	CAS-No	Weight %	Trade Secret
Alkyl Dimethyl Ethylbenzyl Ammonium Chloride	85409-23-0	0.1 - 1%	*
Alkyl Dimethyl Benzyl Ammonium Chloride	68391-01-5	0.1 - 1%	*

**The exact percentage (concentration) of composition has been withheld as a trade secret.*

4: First Aid Measures

4.1 Description of Necessary First Aid Measures

- Eye Contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Immediate medical attention is required.
- Skin Contact:** Remove and wash contaminated clothing before re-use. Immediate medical attention is required if rash appears.
- Inhalation:** Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.
- Ingestion:** Drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Immediate medical attention is required.

4.2 Most Important Symptoms/Effects (Acute and Delayed)

Most Important Symptoms/Effects

No Information Available

4.3 Indication of Immediate Medical Attention and Special Treatment Needed

Notes to Physician

Treat Symptomatically

5: Fire-Fighting Measures

5.1 Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media: None

5.2 Specific Hazards Arising from the Chemical

No information available

5.3 Explosion Data

Sensitivity to Mechanical Impact: None.

Sensitivity to Static Discharge: None.

5.4 Protective Equipment and Precautions for Firefighters

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

6: Accidental Release Measures

6.1 Personal Precautions, Protective Equipment, and Emergency Procedures

Ensure adequate ventilation. Use personal protective equipment. Avoid contact with eyes and clothing. Stop leak if you can do it without risk. If spilled, take caution, as material can cause surfaces to become very slippery.

6.2 Environmental Precautions

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

6.3 Methods and Material for Containment and Cleaning Up

Stop leak if you can do it without risk.

Large spillage: Contain spilled material if possible. Wash away small spills with plenty of water.

7: Handling and Storage

7.1 Precautions for Safe Handling

Handling:

Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapors or mists. Use only in area provided with appropriate exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with eyes and clothing. Wear personal protective equipment. Do not eat, drink or smoke when using this product. Do not take internally.

7.2 Conditions for Safe Storage (Including Any Incompatibilities)

Storage:

Keep containers tightly closed in a dry, cool and well-ventilated place. Store at room temperature. Keep from freezing. Keep container closed when not in use.

Incompatible Products:

Strong oxidizing agents.

8: Exposure Controls/Personal Protection

8.1 Exposure Guidelines

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

8.2 Appropriate Engineering Controls

Engineering Measures: Showers
Eyewash Stations
Ventilation Systems

8.3 Individual Protection Measures (Such as Personal Protective Equipment)

Eye/Face Protection: Safety glasses with side-shields.

Skin and Body Protection: Not usually necessary

Respiratory Protection: No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Hygiene Measures: Handle in accordance with good industrial hygiene.

9: Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Physical State: Liquid

Appearance: Clear

Odor: No Information Available

Odor Threshold: No Information Available

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Property	Values	Remarks/Method
pH	7.5	None Known
Melting Point/Range	No Data Available	None Known
Boiling Point/Range	>212°F (100°C)	None Known
Flash Point	No Data Available	None Known
Evaporation Rate	No Data Available	None Known
Flammability (Solid, Gas)	No Data Available	None Known
Flammability Limits in Air	Upper Limit: No Data Available Lower Limit: No Data Available	
Vapor Pressure	No Data Available	None Known
Vapor Density	No Data Available	None Known
Relative Density	No Data Available	None Known
Specific Gravity	1.00	None Known
Water Solubility	100%	None Known
Solubility in Other Solvents	No Data Available	None Known
Partition Coefficient: n-octanol/water	No Data Available	None Known
Autoignition Temperature	No Data Available	None Known
Decomposition Temperature	No Data Available	None Known
Viscosity	5 cps	None Known
Flammable Properties	Not Flammable	
Explosive Properties	No Data Available	
Oxidizing Properties	No Data Available	

9.2 Other Information

VOC Content (%): No Data Available

10: Stability and Reactivity

10.1 Reactivity

No data available.

10.2 Chemical Stability

Stable under recommended storage conditions.

10.3 Possibility of Hazardous Reactions

None under normal processing.

10.4 Conditions to Avoid

Incompatible products.

10.5 Incompatible Materials

Strong oxidizing agents.

10.6 Hazardous Decomposition Products

None known based on information supplied.

11: Toxicological Information

11.1 Information on Likely Routes of Exposure

Inhalation: May cause irritation of respiratory tract.

Eye Contact: Causes eye damage.

Skin Contact: May cause skin irritation.

Ingestion: May be harmful if swallowed

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Alkyl Dimethyl Benzyl Ammonium Chloride	= 240 mg/kg (Rat)	---	---

11.2 Symptoms Related to the Physical, Chemical & Toxicological Characteristics

Symptoms: No Information available.

11.3 Delayed, Immediate, and Chronic Effects from Short & Long Term Exposure

Sensitization: No Information available.

Mutagenic Effects: No Information available.

Carcinogenicity: Contains no ingredient listed as a carcinogen.

Reproductive Toxicity: No Information Available

STOT - Single Exposure: No Information Available

STOT - Repeat Exposure: No Information Available

Aspiration Hazard: No Information Available

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11.3 Numerical Measures of Toxicity - Product

The following values are calculated based on chapter 3.1 of the GHS document:

LD50 Oral: 4800 mg/kg; Acute toxicity estimate

12: Ecological Information

12.1 Ecotoxicity

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Micro-organisms	Daphnia Magna (Water Flea)
Alkyl Dimethyl Benzyl Ammonium Chloride	---	LC50 96 h: 0.223 - 0.46 mg/L static (Lepomis macrochirus) LC50 96 h: 0.823 - 1.61 mg/L static (Oncorhynchus mykiss) LC50 96 h: = 2.4 mg/L semi-static (Oryzias latipes) LC50 96 h: = 1.3 mg/L semi-static (Poecilia reticulata)	---	---

12.2 Persistence and Degradability

No information available.

12.3 Bioaccumulative Potential

No information available.

12.4 Other Adverse Effects

No information available.

13: Disposal Considerations

13.1 Waste Treatment Methods

Product: Dispose of in accordance with federal, state, and local regulations.

Contaminated Packaging: Do not re-use empty containers.

14: Transportation Information

14.1 DOT

Not regulated.

15: Regulatory Information

15.1 International Inventories

TSCA	Complies
NDSL	Complies
EINECS	Complies
IECSC	Complies

15.2 Legend

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL	Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS	European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
IECSC	China Inventory of Existing Chemical Substances

15.3 U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

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CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

15.3 U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

15.4 U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations.

15.5 U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

16: Other Information

NFPA Rating

Health Hazard: 2
Flammability: 0
Instability: 1
Physical and
Chemical Hazards: --

HMIS Rating

Health Hazard: 2
Flammability: 0
Physical Hazard: 1
Personal Protection: X

17: General Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.