

SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **NOVALENT™ SHIELD +**

Revision Date: June 15, 2020

Chemical Description: Hand Sanitizer Blend

Manufacturer: Novalent, Ltd.
2319 Joe Brown Drive
Greensboro, NC 27405
Main Telephone No. 336-375-7555
CHEMTREC - For Emergencies Only 1-800-424-9300 / 1-703-741-5970

SECTION 2: HAZARDS IDENTIFICATION/EMERGENCY OVERVIEW

Classification of the Substance or Mixture: This material is not considered hazardous under the Global Harmonized System

Hazard Pictograms: None

Signal Word: None

Hazard Statements: None

Precautionary Statements

Prevention: Avoid drinking.

Response: Get medical advice/attention if you feel unwell.

Storage: Store locked up. Store in a well-ventilated area. Keep cool.

Disposal: Dispose of contents and container in accordance with all local, regional, national and international regulations. Dispose of in appropriate trash containers.

SECTION 3: COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

	<u>CAS No.</u>	<u>% Weight</u>
Benzalkonium Chloride	63449-41-2	~ 0.12

Note: The above information is not intended for use in preparing product specifications.

SECTION 4: FIRST AID MEASURES

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical advice/attention.

Inhalation: Remove person to fresh air and keep comfortable for breathing. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. In

case of inhalation of decomposition products in a fire, symptoms may be delayed. If irritation persists get medical advice/attention.

Ingestion: Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Do not induce vomiting unless instructed to do so by medical personnel. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

Flammability of the Product	Not flammable or combustible.
Extinguishing Media	Use water spray, fog, foam or carbon dioxide. Do not use water jet as an extinguisher, as this will spread the fire.
Protective Equipment for Firefighters	Firefighters should wear full protective clothing including self contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Small Spill or Leak	Mop up or absorb with an inert dry material and place in an appropriate waste disposal container. If necessary, use suitable protective equipment (Section 8). Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large Spill or Leak	Absorb with an inert material and put the spilled material in an appropriate waste disposal container. Use suitable protective equipment (Section 8). Do not release into the environment.
Containment Methods	Stop the flow of material if this is without risk. Prevent spilled material from entering sewage and drainage systems which lead to waterways. Contain and collect spillage with absorbent material, i.e. sand, earth, diatomaceous earth and place in a container for disposal according to local regulations. Contaminated absorbent material may pose the same hazard as the spilled product.

7. HANDLING AND STORAGE

Protective Measures:	Avoid drinking and getting in eyes. Do not enter storage spaces unless adequately ventilated. Keep in the original container and keep tightly closed when not in use. Do not reuse container. When handling large quantities, wear appropriate personal protective equipment.
Conditions for Safe Storage	Do not store below 0°C (32°F). Store in accordance with local regulations. Store in original container. Separate from acids and oxidizing materials. Keep container closed and tightly sealed until ready for use. Use appropriate containment to avoid environmental contamination. Do not reuse container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits none

Engineering Controls	Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
Personal Protection	
Eyes	Chemical splash goggles and/or face shield.
Respiratory	No personal respiratory protective equipment is normally required. If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable), an approved respirator must be worn.
General Hygiene	Avoid drinking and getting in eyes. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Color	Colorless
Odor	Characteristic
PH	3.0-5.5
Evaporation Rate	Not available
Explosion Limits	Not available
Specific Gravity	1.00 ± 0.02
Density	8.3 lbs. / gallon
Solubility	Soluble in cold or hot water
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available

10. CHEMICAL STABILITY AND REACTIVITY

Reactivity and Stability	Stable under recommended storage conditions.
Conditions to Avoid	Extremes of temperatures.
Incompatible Materials	Anionic blends.
Hazardous Decomposition Products	Carbon monoxide. Organic compounds which may be toxic.
Hazardous Polymerization	Hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	Eye contact. Ingestion.
Acute Effects-Eyes	May cause irritation.
Acute Effects-Ingestion	May be harmful if swallowed. May cause burns to mouth, throat, and stomach.

12. ECOLOGICAL INFORMATION

Degradable

13. DISPOSAL CONSIDERATIONS

Waste Information	Empty containers may retain some product residues. Avoid dispersal of spilled material in to soil, waterways, drains, and sewers.
Disposal Instructions	Consult authorities before disposal.
Contaminated Packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

Land-DOT (US Dept. of Transportation)----- Not Regulated
Sea-IMDG (International Maritime Dangerous Goods Code)-- Not Regulated
Air-IATA(International Air Transport Association)----- Not Regulated

15. REGULATORY INFORMATION

U.S. Federal Regulations

TSCA: All components are listed on the TSCA inventory.

SARA Title III Section 302 Extremely Hazardous Substances: No products were found.

SARA Title III Section 313 Chemical Notification and Release: No products were found.

State Regulations

CALIFORNIA:

Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer: **None**

Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause birth defects or other reproductive harm: **None**

16. OTHER INFORMATION

Notice to the Reader: The information in this Safety Data Sheet should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable as of the date of publication. However, no warranty is made as to the accuracy of and/or sufficiency of such information. The Buyer must determine for himself, by preliminary tests or otherwise, the suitability of this product for his purposes, including mixing with other products.