SAFETY DATA SHEET

Issue Date March 8th 2021 **Revision Date** September 1st 2021 **Version** 3

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1. Product identifier

Product name **my-shield® Broad Spectrum Disinfectant Wipes**

Product number E-1012

UN/ID No NA

Product Code **E-1012**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended Use: **Polymer Blend Antimicrobial and Anti Viral Surface Wipes**

1.3. Details of the supplier of the safety data sheet Supplier Address:

Smyth Consultants
105 Indian Wells Circle
Lexington NC 27295

1.4. Emergency telephone number

Emergency Telephone: +1 (888) 332-8332 (North America)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture
Not Hazardous

2.2. Label elements
None

Signal Word:

Hazard Statements
None

Precautionary Statements/Response
None.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures	CAS #	
Polyaminobiguanide	**27083-27-8**	**0.3% to 0.8%**
1-Octadecanamimium N,N dimethyl 3- trimethoxysilyl propyl chloride	**27668-52-6**	**0.5% to 2.0%**
Quaternary ammonium compounds, di-C8-10- alkyldimethyl, chlorides	**68424-95-3**	**0.5% to 2.0%**

Quaternary ammonium compounds, benzyl-C12- 16-alkyldimethyl, chlorides	**68424-85-1**	**0.5% to 2.0%**
Inert ingredients		**90.0% to 97.0%**

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation
Remove victim immediately from source of exposure.
Ingestion
None
Skin contact
None.
Eye contact
Immediately flush with plenty of water for up to 15 minutes.

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

Inhalation.
None.
Ingestion
None.
Skin contact
None
Eye contact
None.

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

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media
Extinguish with foam, carbon dioxide, dry powder or water fog.

5.2. Special hazards arising from the substance or mixture

Specific hazards
None.

5.3. Advice for firefighters

Protective equipment for fire-fighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: HANDLING AND STORAGE

6.1. Personal precautions, protective equipment and emergency procedures

Follow precautions for safe handling described in this safety data sheet.

6.2. Environmental precautions

None

6.3. Methods and material for containment and cleaning up

Absorb with inert, damp, non-combustible material, then flush area with water. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling
Avoid spilling,
Keep from Freezing above 0C /32F

7.2. Conditions for safe storage, including any incompatibilities
Store in tightly closed original container in a well-ventilated place. Keep from freezing and direct sunlight.

Storage Class
Miscellaneous hazardous material storage.

7.3. Specific end use(s)
The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters Ingredient Comments
No exposure limits noted for ingredient(s)

8.2. Exposure controls
Protective equipment

Engineering measures
Provide adequate ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of vapors.

Respiratory equipment
None.

Hand protection
None.

Eye protection
None

Other Protection
Wear appropriate long sleeve clothing. **Hygiene measures**
No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Clear
Odor	Slight
Odor Threshold	Not determined
pH	4.0-7.0
Melting point/freezing point	0°C/0°C
Boiling point/boiling range	100 °C
Flash point	100 °C
Evaporation rate	Similar to water
Flammability (solid, gas)	N/A
Flammability Limits in Air	
Upper flammability limits	N/A
Lower flammability limit	N/A
Vapor pressure	23 mmHg
Vapor density	23gm/m³
Specific Gravity	1.00-1.20
Water solubility	Soluble in water
Solubility in other solvents	Not determined
Partition coefficient	Not determined

Autoignition temperature	Not flammable
Decomposition temperature	Not determined

Other Information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity
No specific reactivity hazards associated with this product.

10.2. Chemical stability
Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions
Not available.

10.4. Conditions to avoid
Avoid excessive heat for prolonged periods of time. Avoid freezing since water based. (will thaw)

10.5. Incompatible materials
Not available

10.6. Hazardous decomposition product
None.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute Oral LD50
LD 50 > 2000 -5000 mg/kg body weight
Classified under Category 5 –Non Classified, as per Global Harmonized System for Classification and Labeling of Chemicals (UN GHS 2013) and OECD Harmonized Integrated Classification for Human Health and Environment Hazards of Chemicals Substances and Mixtures (14th Aug 2001).

Acute Dermal LD50
LD 50 > 2000-5000 mg/kg body weight
Classified under Category 5 or Non Classified as per Global Harmonized System for Classification and Labeling of Chemicals (UN GHS 2013) and OECD Harmonized Integrated Classification for Human Health and Environmental Hazards of Chemicals Substances and Mixtures (14th Aug 2001).

Skin contact
Negative Findings base on Global Harmonized System for Classification and Labeling of Chemicals and OECD Harmonized Integrated Classification System for Human Health and Environmental Hazards of Chemical Substances and Mixtures (14th Aug 2001)

Acute Eye Irritation
Not irritating to eyes as per Global Harmonized System for Classification and Labeling of Chemicals (UN GHS 2013) and OECD Harmonized Integrated Classification for Human Health and Environmental Hazards of Chemicals Substances and Mixtures (14th Aug 2001).

Acute Inhalation Toxicity
LC50: > 1.75 mg/L and is classified as "Unclassified based on Globally Harmonized System for Classification and Labeling of Chemicals (GHS) and OECD Harmonized Integrated Classification System for Human Health and Environmental Hazards of Chemical Substances and Mixtures and EC classification.

Skin Sensitization contact
Negative Findings base on Global Harmonized Systems Classification and Labeling of Chemicals and OECD Harmonized Integrated Classifications System for Human Health and Environmental Hazards of Chemical Substances and Mixtures

Germ Cell Mutagenicity
Data is not available at this time

Carcinogenicity
Data is not available at this time. Not expected to be carcinogenic.

Reproductive Toxicity
Data is not available at this time. Not expected to have reproductive toxicity.

STOT-single exposure
Unclassified

STOT-repeated exposure
Unclassified

Aspiration Hazard
Data is not available at this time

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity
Acute Toxicity Daphnia magna OECD 202
Immobility
Data is not available at this time

Acute Toxicity Danio Rerio OECD 203
Data is not available at this time

Fresh water Algae Growth Desmodesmus subspicatus at 72 hours OECD 201
Data is not available at this time

12.2. Persistence and degradability
Degradability
Data is not available at this time

12.3. Bioaccumulative potential
Bioaccumulative potential
Data is not available at this time

12.4. Mobility in soil
Mobility: Data is not available at this time

12.5. Results of PBT and vPvB assessment
This product does not contain any PBT or vPvB substances

12.6. Other adverse effects
Not applicable.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

Factory Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority. Do not puncture or incinerate even when empty.

13.1. Waste treatment methods
Dispose of waste and residues in accordance with local authority require

SECTION 14: TRANSPORTATION INFORMATION

DOT

Proper shipping name	Non hazardous
UN/ID No	
Hazard Class	
Packing Group	III
Special Provisions	N/A

TDG

UN/ID No	
Proper shipping name	
Hazard Class	
Packing Group	III
Special Provisions	N/A

IATA

UN/ID No	
Proper shipping name	
Hazard Class	
Subsidiary hazard class	N/A
Packing Group	III
ERG Code	N/A

IMDG

UN/ID No	
Proper shipping name	
Hazard Class	
Subsidiary hazard class	N/A
Packing Group	III 1

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or Mixture

International Inventories

TSCA	Listed
DSL	Listed
NDSL	Not Listed
EINECS	Listed
ELINCS	Not Listed
ENCS	
IECSC	
KECL	
PICCS	
AICS	

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 Chemical Substances/European List of Notified Chemical Substances*
ENCS *- Japan Existing and New Chemical Substances*
IECSC *- China Inventory of Existing Chemical Substances*
KECL *- Korean Existing and Evaluated Chemical Substances*
PICCS *- Philippines Inventory of Chemicals and Chemical Substances*

US Federal Regulations SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 37.

SARA 311/312 Hazard Categories

Acute health hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CERCLA

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Not Listed			

US State Regulations

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Not listed	Not listed	Not listed	Not listed

U.S. EPA Label Information

SECTION 16: OTHER INFORMATION

GHS Codes

Hazard Statements In Full

USA National Fire Prevention and OSHA

NFPA	**Health hazards**	**Flammability**	**Instability**	**Special Hazards**
	0	0	0	
HMIS	**Health hazards**	**Flammability**	**Physical hazards**	**Personal protection**
	0	0	0	

Issue Date March 8th 2015

Revision Date September 17th 2015 September 1st 2016

Revision Note Additional information Toxicity/ Ecotoxicity info

Disclaimer

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

End of Safety Data Sheet