

Veraflo, Veraflo Cleanse and Cleanse Choice Dressing

Safety Data Sheet

According To The United Nations GHS (Rev. 6, 2015)

Date of Issue: 2018/10/15

Version: 1.0

SECTION 1: IDENTIFICATION

1.1. GHS Product Identifier

Product Name: Veraflo, Veraflo Cleanse and Cleanse Choice Dressing

Synonyms: Non-granulating dressing for NPWT (VACUIta)

1.2. Recommended Use Of The Chemical And Restrictions On Use

Use Of The Substance/Mixture: Single use wound dressing for use only with Acelyty therapy units per included instructions for use.

1.3. Supplier's Details

Company

KCI USA

12930 IH10 West

San Antonio, TX 78249

1-800-275-4524

1.4. Emergency Phone Number

Emergency Number : CHEMTREC (24 hours): 1-800-424-9300 (U.S. and Canada) and 1-703-527-3887 (International and Maritime)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS-UN classification

Not classified

2.2. GHS Label Elements, Including Precautionary Statements

In accordance with Section 1.3.2.1.1 of the Globally Harmonized System of Classification and Labeling of Chemicals, this product falls outside of the scope of the system.

GHS-UN labeling

No labeling applicable

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown Acute Toxicity (GHS-UN)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable

3.2. Mixture

Not applicable

SECTION 4: FIRST AID MEASURES

4.1. Description of Necessary First-Aid Measures

General: The need for first aid is not anticipated under normal conditions of use.

Inhalation: Not expected to be a primary route of exposure.

Skin Contact: Not expected to present a significant dermal hazard under anticipated conditions of normal use. Do not use if an allergy to acrylic or silicone is known.

Eye Contact: Not expected to be a primary route of exposure.

Ingestion: If swallowed, do not induce vomiting. Rinse mouth and obtain medical attention if necessary.

4.2. Most Important Symptoms/Effects, Acute and Delayed

General: Not expected to present a significant hazard under anticipated conditions of normal use.

Inhalation: None expected under normal conditions of use.

Skin Contact: None expected under normal conditions of use. Skin irritation possible if known allergy to acrylic or silicone.

Eye Contact: None expected under normal conditions of use.

Ingestion: None expected under normal conditions of use.

Chronic Symptoms: None expected under normal conditions of use.

4.3. Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary

If medical advice is needed, have product container or label at hand.

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SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

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

Unsuitable Extinguishing Media: None known.

5.2. Specific Hazards Arising From the Chemical

Fire Hazard: Product is not flammable.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Special Protective Actions for Fire-Fighters

Precautionary Measures Fire: Exercise caution when fighting any fire.

Firefighting Instructions: Use firefighting measures appropriate for the surrounding fire.

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

Hazardous Combustion Products: Carbon oxides (CO, CO₂). Irritating or toxic vapors.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Accidental release of the product does not present a hazard under normal conditions of use.

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use of personal protective equipment (PPE) is not generally required but should be evaluated based on the extent and severity of accidental release.

Emergency Procedures: Evacuate the area if accidental release presents a significant hazard.

6.1.2. For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection as conditions warrant.

Emergency Procedures: Upon arrival at the scene a first responder is expected to protect oneself and the public, secure the area, and call for the assistance of trained personnel as conditions permit.

6.2. Personal Precautions, Protective Equipment and Emergency Procedures

The product does not pose a significant hazard to the environment.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain the product and collect as any solid.

Methods for Cleaning Up: Recover the product by vacuuming, shoveling or sweeping as conditions permit.

6.4. Reference to Other Sections

See Section 8 for advice on personal protective equipment and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Further processing of the product requires an evaluation of potential hazards based upon intended use.

Precautions for Safe Handling: There are no specific precautions necessary for safe handling of the product.

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

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: No technical measures are necessary for storage of the product.

Storage Conditions: No specific conditions are required for storage of the product.

Incompatible Materials: None known.

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), AIHA (WEEL), Colombia, Nicaragua, Panama, or Peru.

8.2. Exposure Controls

Appropriate Engineering Controls : Engineering controls are not required for normal use of this product.

8.3. Individual Protection Measures, Such as Personal Protective Equipment (PPE)

Personal Protective Equipment : Personal protective equipment is not generally required but should be evaluated based on conditions of use.

Materials for Protective Clothing : Not required for normal conditions of use.

Hand Protection : Not required for normal conditions of use.

Eye and Face Protection : Not required for normal conditions of use.

Skin and Body Protection : Not required for normal conditions of use.

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Respiratory Protection : Not required for normal conditions of use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	: Solid
Appearance	: Felted dressing packaged with drape and tubing
Odor	: No data available
Odor Threshold	: No data available
pH	: No data available
Evaporation Rate	: No data available
Melting Point	: No data available
Freezing Point	: No data available
Boiling Point	: No data available
Flash Point	: No data available
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
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
Solubility	: No data available
Partition Coefficient: N-Octanol/Water	: No data available
Viscosity	: No data available

9.2. Other Information No additional information available

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.
- 10.3. **Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
- 10.4. **Conditions to Avoid:** Extremely high or low temperatures.
- 10.5. **Incompatible Materials:** None known.
- 10.6. **Hazardous Decomposition Products:** None known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity (Oral)	: Not classified
Acute Toxicity (Dermal)	: Not classified
Acute Toxicity (Inhalation)	: Not classified
Skin Corrosion/Irritation:	Not classified
Eye Damage/Irritation:	Not classified
Respiratory or Skin Sensitization:	Not classified
Germ Cell Mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive Toxicity:	Not classified
Specific Target Organ Toxicity (Single Exposure):	Not classified
Specific Target Organ Toxicity (Repeated Exposure):	Not classified
Aspiration Hazard:	Not classified
Symptoms/Injuries After Inhalation:	None expected under normal conditions of use.
Symptoms/Injuries After Skin Contact:	None expected under normal conditions of use. Skin irritation possible if known allergy to acrylic or silicone.
Symptoms/Injuries After Eye Contact:	None expected under normal conditions of use.
Symptoms/Injuries After Ingestion:	None expected under normal conditions of use.
Chronic Symptoms:	None expected under normal conditions of use.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General : Not classified.

12.2. Persistence and Degradability

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Persistence and Degradability	Not established.

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12.3. Bioaccumulative Potential

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Bioaccumulative Potential	Not established.	

12.4. Mobility in Soil

No additional information available

12.5. Other Adverse Effects

Ozone : Not classified

Other Information : Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Dispose in a safe manner in accordance with local, regional, national, and international regulations.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

In Accordance with UN RTDG, IMDG, and IATA

UN RTDG	IMDG	IATA
14.1. UN Number		
Not regulated for transport		
14.2. UN Proper Shipping Name		
Not applicable	Not applicable	Not applicable
14.3. Transport Hazard Class(es)		
Not applicable	Not applicable	Not applicable
14.4. Packing Group		
Not applicable	Not applicable	Not applicable
14.5. Environmental Hazards		
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No

14.6. Special Precautions For User

No additional information available

14.7. Transport in Bulk According to Annex II of MARPOL and The IBC Code

Not applicable

SECTION 15: REGULATORY INFORMATION

15.1. International Regulatory Lists

No data available

15.2. International Agreements

No data available

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

Date of Preparation or Latest Revision : 2018/10/15

Data Sources : Information and data obtained and used in the authoring of this safety data sheet could come from database subscriptions, official government regulatory body websites, product/ingredient manufacturer or supplier specific information, and/or resources that include substance specific data and classifications according to GHS or their subsequent adoption of GHS.

Other Information : According To The United Nations GHS (Rev. 6, 2015)

Indication of Changes: No additional information available

Abbreviations and Acronyms:

ACGIH – American Conference of Governmental Industrial Hygienists
AIHA – American Industrial Hygiene Association
ATE - Acute Toxicity Estimate
BCF - Bioconcentration Factor
BEI - Biological Exposure Indices (BEI)
BOD – Biochemical Oxygen Demand
CAS No. - Chemical Abstracts Service Number
COD – Chemical Oxygen Demand
EC50 - Median Effective Concentration
EmS-No. (Fire) - IMDG Emergency Schedule Fire
EmS-No. (Spillage) - IMDG Emergency Schedule Spillage
ErC50 - EC50 in Terms of Reduction Growth Rate
ERG code (IATA) - Emergency Response Drill Code as found in the

Log Pow - Ratio of the equilibrium concentration (C) of a dissolved substance in a two-phase system consisting of two largely immiscible solvents, in this case octanol and water
MARPOL – International Convention for the Prevention of Pollution
MFAG-No - Medical First Aid Guide for Use in Accidents Involving Dangerous Goods
NOAEL - No-Observed Adverse Effect Level
NOEC - No-Observed Effect Concentration
NTP – National Toxicology Program
OEL - Occupational Exposure Limits
OSHA – Occupational Safety and Health Administration
pH – Potential Hydrogen
SADT - Self Accelerating Decomposition Temperature

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International Civil Aviation Organization (ICAO)
GHS – Globally Harmonized System of Classification and Labeling of Chemicals
HCCL - Hazard Communication Carcinogen List
IARC - International Agency for Research on Cancer
IATA - International Air Transport Association
IBC – International Bulk Chemical Code
IMDG - International Maritime Dangerous Goods
LC50 - Median Lethal Concentration
LD50 - Median Lethal Dose
LOAEL - Lowest Observed Adverse Effect Level
LOEC - Lowest-Observed-Effect Concentration
Log Koc - Soil Organic Carbon-water Partitioning Coefficient
Log Kow - Octanol/water Partition Coefficient

SDS - Safety Data Sheet
SRCL - Specifically Regulated Carcinogen List
STEL - Short Term Exposure Limit
ThOD – Theoretical Oxygen Demand
TLM - Median Tolerance Limit
TLV - Threshold Limit Value
TPQ - Threshold Planning Quantity
TWA - Time Weighted Average
UN – United Nations
UN RTDG – United Nations Recommendations on the Transport of Dangerous Goods
VOC – Volatile Organic Compounds
WEEL - Workplace Environmental Exposure Levels

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

UN Latin America GHS SDS (Bolivia, Colombia, Ecuador, El Salvador, Guatemala, Honduras, Nicaragua, Panama, Peru)