

SAFETY DATA SHEET

Complies with OSHA Communication Standard (29 CFR 1910.1200(g))

Product Name: ***Bacillus subtilis* 1579 Concentrate**

SECTION I – PRODUCT AND COMPANY IDENTIFICATION

Manufacturer's Name: Church & Dwight Co., Inc. Telephone Number for Information:
W227 N752 Westmound Dr. (262) 899-6500
Waukesha, WI 53186 Emergency Telephone: (262) 899-6500

Trade Name and Synonyms: BS 1579 Concentrate

Recommended use: Probiotic

SECTION 2 - HAZARDOUS IDENTIFICATION

GHS Classification: Not a hazardous substance or mixture

Precautionary Statements: Avoid inhalation of dusts

Effects of over exposure: Possible irritation of the skin (especially open wounds), eyes, and respiratory tract. Swallowing large amounts may cause irritation of the gastrointestinal tract.

CONTAINS NO HAZARDOUS COMPONENTS AS LISTED IN 29 CFR 1900.1000 OR OTHER PERTINENT SECTIONS OF OSHA REGULATIONS. PRODUCT IS GRAS FOR HUMAN CONSUMPTION 21CFR 184.1444

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Trade Name and Synonyms: *Bacillus subtilis* 1579 Concentrate

Chemical Name: Inert Carriers- Maltodextrin (identity persevered)
Active Ingredients- Dried *Bacillus subtilis* fermentation product
- Naturally occurring bacteria (recognized as safe)

The components of this mixture are not classified as hazardous materials by the criteria of the OSHA hazard communication regulation. Identity of individual components of this mixture is proprietary information and is regarded to be a trade secret pursuant to section 1910.1200 or title 29 of the Code of Federal Regulations.

SECTION 4 – FIRST-AID MEASURES

In case of eye contact: Flush eyes immediately for at least 15 minutes, get medical attention if irritation persists.

In case of skin contact: Rinse with plenty of soap and water, get medical attention if symptoms occur.

If swallowed: Rinse mouth, get medical attention if symptoms occur.

If inhaled: Get medical attention if symptoms occur.

Note to physician: No specific measures identified

SECTION 5 – FIRE-FIGHTING MEASURES

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

Unsuitable extinguishing media: None known

Specific hazards during firefighting: No known additional hazards

Special protective equipment for firefighters: Use PPE for surrounding environment.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is released or spilled: Ventilate area to prevent dust, sweep up material and place in a closed container.

Waste Disposal Methods: Consult local environmental authorities.

SECTION 7 – HANDLING AND STORAGE

Safe Handling Procedures: Avoid contact with skin, eyes, and clothing. Do not breathe dust. Use adequate ventilation. Wash thoroughly after handling.

Storage: Store in a cool and dry area.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection: A protective or nuisance dust mask to avoid breathing dust in areas of high concentration.

Ventilation: Local Exhaust - As needed for dust control

Protective Gloves: Not Required

Eye Protection: In high dust concentrations, tight fitting goggles recommended

| HMIS HAZARD RATING | Flammability | Health | Reactivity |
|---|--------------|--------|------------|
| 0-none 1-slight 2-Moderate 3-high 4-Extreme | 0 | 1 | 1 |

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Form: Powder

Appearance: Crystalline powder

Color: White

Odor: None

pH: NA

Water Solubility: Soluble

Melting point: NA

Boiling point: NA

Flash point: NA

Flammable Limits: NA

Upper explosion limit: NA

Lower explosion limit: NA

Viscosity, Kinematic: NA

Vapor pressure: NA

Relative density: NA

Partitioning coefficient: n-octanol/water: NA

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions.

Compatibility (Materials to avoid): Premature contact with moisture may cause caking.

Hazardous Decomposition or Byproducts: No data available

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicity: None – All bacterial and inert components in this product are recognized as safe.

SECTION 12 – ECOLOGICAL INFORMATION

Eco-toxicity: Environmental effects: This product has no known Eco-toxicological effects.

Product Toxicity:

Fish: No data available

Aquatic invertebrates: No data available

Aquatic Plants: No data available

Bioaccumulation: Significant accumulation in organisms is not to be expected.

Other adverse effects: No data available

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal Methods: Diluted product can be flushed to sanitary sewer system.

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

SECTION 14 – TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transportation.

Land Transport (DOT): Not classified as dangerous goods.

Sea Transport (IMDG/IMO): Not classified as dangerous goods.

Air Transport (IATA): Not classified as dangerous goods.

SECTION 15 – REGULATORY INFORMATION

SARA/TITLE III - List of extremely hazardous substances for emergency planning and notification (40 CFR 300 & 305): This product does not contain any ingredients listed as an extremely hazardous substance (EHS) for emergency planning under section 301-303 and for Emergency Release Notification under section 304.

SARA/TITLE III - List of toxic chemicals subject to release reporting (community right to know) (40 CFR 372): This product does not contain any ingredients listed as a toxic chemical for Annual Release Reporting Requirements under section 313.

SECTION 16 – OTHER INFORMATION

SDS Prepared by:

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Waukesha, WI 53186

Emergency Telephone: (262) 899-6500

Issuing Date: 11/10/2020

Version: 1.0

Prepared by: NZ