Safety Data Sheet
Digest Plus

SECTION I - IDENTIFICATION

PRODUCT IDENTIFIER: Digest Plus
PRODUCT CODE: 2960
RECOMMENDED USE: Bio-enzymatic Treatment for Organic Waste
RESTRICTIONS ON USE: None known.
COMPANY NAME: QuestSpecialty Corporation
COMPANY ADDRESS: P.O. Box 624, Brenham, TX 77834
COMPANY PHONE: 800-231-0454
EMERGENCY PHONE: **800-255-3924**

SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION: Eye Irritant: Category 2A
Skin Sensitization: Category 1
Reproductive Toxicity: Category 2
HAZARD STATEMENT(S): WARNING: Causes serious eye irritation. May cause an allergic skin reaction. Suspected of damaging fertility or the unborn child.
This product contains the following percentage of chemicals of unknown toxicity**:** N/A
PRECAUTIONARY STATEMENTS: Wash hands thoroughly after handling. Wear protective gloves, protective clothing and eye protection. If in eyes: 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 or attention. Avoid breathing mist, vapors or spray. Contaminated work clothes must not be allowed out of the workplace. If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention. Wash contaminated clothing before reuse. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. If exposed or concerned: Get medical advice or attention. Store locked up. Dispose of contents and container in accordance with local, state and federal regulations.
SYMBOL:



HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
4-Nonylphenol, branched, ethoxylated	127087-87-0	1-5%
Sodium tetraborate decahydrate	1303-96-4	0.1-1%
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	68439-57-6	0.1-1%

SECTION IV - FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Seek medical attention if irritation persists.
INGESTION: Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation develops. Never give anything by mouth to an unconscious person.
INHALATION: Move to fresh air. If irritation or other symptoms develop, seek medical attention.
SKIN: Remove contaminated clothes. Wash skin thoroughly with soap and water for 15 minutes. Seek medical attention if irritation develops.
ACUTE HEALTH HAZARDS: Prolonged contact with skin may cause irritation. Causes eye irritation including redness, tearing, and pain. Inhalation may cause respiratory tract irritation. Ingestion may cause gastrointestinal irritation.
CHRONIC HEALTH HAZARDS: May cause reproductive effects affecting fertility and/or development of the unborn child.
NOTE TO PHYSICIAN: Treatment of overexposure should be directed at the control of symptoms and the clinical condition.

SECTION V – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Use appropriate media for surrounding fire.
UNSUITABLE EXTINGUISHING MEDIA: N/A
SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires.
UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon.

SECTION VI – ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.
SPILL: Mop or soak up with appropriate absorbent material. Remove out of doors. Flush with water.
WASTE DISPOSAL: Dispose of in accordance with local, state and federal regulations. Do not reuse, puncture or incinerate container. Wrap container and place in trash collection.
RCRA STATUS: Waste should be fully characterized prior to disposal (40 CFR 261).

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Wear proper personal protective equipment when using this product. Avoid contact with skin, eyes and clothing. Store in a cool, dry area. Keep away from temperatures below freezing. Keep container tightly closed when not in use. Do not use or store with strong oxidizers. Store locked up. Wash hands thoroughly after handling.
OTHER PRECAUTIONS: Keep out of the reach of children. Do not take internally. Avoid getting in eyes or open wounds. Avoid exposure to extremely hot or boiling water, disinfectants or chlorinated compounds. Read and follow the directions on the product label. They are the best guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health.
INCOMPATIBILITY: Strong oxidizing agents and reducing agents.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
4-Nonylphenol, branched, ethoxylated	Not Established	Not Established
Sodium tetraborate decahydrate	15 mg/m^3	2 mg/m^3
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	Not Established	Not Established

ENGINEERING CONTROLS / VENTILATION: Ambient ventilation adequate.
RESPIRATORY PROTECTION: Not required with adequate ventilation.
PERSONAL PROTECTIVE EQUIPMENT: Safety glasses/goggles and chemical resistant gloves.
ADDITIONAL MEASURES: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact with skin, eyes or clothing. Wear protective clothing to prevent repeated or prolonged contact with product. Wash hands thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear to hazy green liquid.
ODOR: Mint-wintergreen.
ODOR THRESHOLD: N/D
pH: 8.0 - 9.25.
MELTING POINT/FREEZING POINT: 32 °F (0 °C).
INITIAL BOILING POINT AND BOILING RANGE: > 212 °F (100 °C)
FLASH POINT: N/D
EVAPORATION RATE: Slow.
FLAMMABILITY(solid/gas): Not considered a flammable liquid by OSHA (29CFR 1910.1200).
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:
LOWER FLAMMABILITY LIMIT: N/D
UPPER FLAMMABILITY LIMIT: N/D

EXPLOSIVE LIMIT LOWER (%): N/D
EXPLOISVE LIMIT UPPER (%): N/D
VAPOR PRESSURE (mm Hg): N/D
VAPOR DENSITY (AIR=1): N/D
RELATIVE DENSITY (H2O=1): 1.00 - 1.017 @ 77 °F (25 °C).
SOLUBILITY(IES): 100% water.
PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{ow}): N/D
AUTOIGNITION TEMPERATURE: N/D
DECOMPOSITION TEMPERATURE: N/D
VISCOSITY: N/D

SECTION X – STABILITY AND REACTIVITY

REACTIVITY: None known.
CHEMICAL STABILITY: Stable.
POSSIBLE HAZARDOUS REACTIONS: None known.
CONDITIONS TO AVOID: Excess heat, open flame, sparks, electric equipment, ignition sources and incompatible materials.
INCOMPATIBLE MATERIALS: Strong oxidizing agents and reducing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: None known.

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: **4-Nonylphenol, branched, ethoxylated** (127087-87-0): LD_{50} (Oral) 3314 mg/kg; LD_{50} (Dermal, Rabbit) > 3000 mg/kg. **Sodium tetraborate decahydrate** (1303-96-4): LD_{50} (Oral, Rat) 5560 mg/kg; LD_{50} (Dermal, Rabbit) > 2000 mg/kg; LC_{50} (Inhalation, Rat) > 2.0 mg/L. **Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts** (68439-57-6): LD_{50} (Oral, Rat) 2079 - 2340 mg/kg; LD_{50} (Dermal, Rabbit) 6300 - 160000 mg/kg; LC_{50} (Inhalation, Rat) 52 - 206 mg/L.
ROUTES OF ENTRY: Eyes, Ingestion, Skin
EYES: Causes irritation, redness, tearing, pain.
INGESTION: May cause gastrointestinal irritation.
INHALATION: May cause respiratory tract irritation. Avoid breathing spray mist.
SKIN: May cause mild irritation. May cause an allergic skin reaction.
MEDICAL CONDITION AGGRAVATED: Pre-existing disorders of the skin.
ACUTE HEALTH HAZARDS: Prolonged contact with skin may cause irritation. Causes eye irritation including redness, tearing, and pain. Inhalation may cause respiratory tract irritation. Ingestion may cause gastrointestinal irritation.
CHRONIC HEALTH HAZARDS: May cause reproductive effects affecting fertility and/or development of the unborn child.
CARCINOGENICITY: **OSHA:** No **ACGIH:** No **NTP:** No **IARC:** No **OTHER:** N/A

SECTION XII – ECOLOGICAL INFORMATION

ECOTOXICITY: Harmful to aquatic life. **4-Nonylphenol, branched, ethoxylated** (127087-87-0): LC_{50} (*Pimephales promelas*, 96h) 7.7 mg/L; EC_{50} (Daphnia, 48h) 21.4 mg/L. **Sodium tetraborate decahydrate** (1303-96-4): LC_{50} (*Pimephales promelas*) 708 mg/L; EC_{50} (*Ceriodaphnia dubia*) 1000 mg/L, NOEC (*Micropterus salmoides*) 26 mg/L; NOEC (*Daphnia magna*) 50 mg/L. **Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts** (68439-57-6): LC_{50} (*Danio rerio*, 96h) 3.5 - 5 mg/L; EC_{50} (Daphnia, 48h) 4.53 mg/L; EC_{50} (Algae, 72h) 3.2 - 5.2 mg/L; NOEC (Daphnia, 21d) 6.3 mg/L.
PERSISTENCE AND DEGRADABILITY: This product is biodegradable.
BIOACCUMULATIVE POTENTIAL: This product is not expected to bioaccumulate.
MOBILITY IN SOIL: This product is mobile in soil.
OTHER ADVERSE EFFECTS: An environmental hazard cannot be excluded in the event of improper handling or disposal.

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with local, state and federal regulations. Do not reuse, puncture or incinerate container. Wrap container and place in trash collection.
RCRA STATUS: Waste should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Cleaning Compound, N.O.S. Not Regulated.

HAZARD CLASS/DIVISION: N/A
UN/NA NUMBER: N/A
PACKING GROUP: N/A

AIR SHIPMENT
PROPER SHIPPING NAME: Cleaning Compound, N.O.S. Not Regulated.
HAZARD CLASS/DIVISION: N/A
UN/NA NUMBER: N/A
PACKING GROUP: N/A

SHIPPING BY WATER:
VESSEL (IMO/IMDG)
PROPER SHIPPING NAME: Cleaning Compound, N.O.S. Not Regulated.
HAZARD CLASS/DIVISION: N/A
UN/NA NUMBER: N/A
PACKING GROUP: N/A
ENVIRONMENTAL HAZARDS WATER: N/A

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All chemicals are listed or exempt.
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None.
SARA 311/312 HAZARD CATEGORIES: Serious eye damage or eye irritation. Respiratory or skin sensitization. Reproductive toxicity.
SARA 313 REPORTABLE INGREDIENTS: This product does not contain any chemicals which are subject to the reporting requirements at Title 40 of the Code of Federal Regulations, Part 372.
CLEAN WATER ACT: None.
STATE REGULATIONS: **California Proposition 65:** This product does not contain chemicals regulated by California Proposition 65. **Sodium tetraborate decahydrate** (1303-96-4): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: MA, PA, RI. **Poly(oxy-1,2-ethanediyl), α-(4-nonylphenyl)-ω-hydroxy-, branched** (127087-87-0): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: MA, NJ.
INTERNATIONAL REGULATIONS: No information available.
VOLATILE ORGANIC COMPOUNDS (VOC): 0%

NFPA HEALTH:	1	**HMIS HEALTH:**	1
NFPA FLAMMABILITY:	0	**HMIS FLAMMABILITY:**	0
NFPA REACTIVITY:	0	**HMIS REACTIVITY:**	0
NFPA OTHER:	None	**HMIS PROTECTION:**	B

SECTION XVI - OTHER INFORMATION

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DATE PREPARED: 10/25/2013
REVISION DATE: 09/13/2022

N/A = Not Applicable; N/D = Not Determined

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