

Material Safety Data Sheet
Breakdown

QuestVapco Corporation
P.O. Box 624
Brenham, TX 77834
Emergency Phone Number: (800) 231-0454

DATE PREPARED: 12/12/2012
REVISION DATE: 10/07/2013
CHEM-TEL: 800-225-3924
PRODUCT NUMBER: 2290

SECTION I - IDENTIFICATION

PRODUCT NAME: Breakdown
PRODUCT USE: Bio-Enzymatic odor eliminator

PRODUCT CODE: 2290

SECTION II – COMPOSITION/HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	OSHA PEL	ACGIH TLV
Propane/n-Butane	68476-86-8	N/A	1000 ppm

SECTION III – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: None Known
ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin
EYES: Mild if any irritation
INGESTION: Not a likely route of exposure under normal product handling conditions.
INHALATION: Acute exposure may cause nausea, vomiting, coughing and pulmonary irritation.
SKIN: May cause irritation with prolonged or repeated contact.
MEDICAL CONDITION AGGRAVATED: Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure.
CHRONIC HEALTH HAZARDS: None known
CARCINOGENICITY:
OSHA: No **ACGIH:** No **NTP:** No **IARC:** No **OTHER:** N/A

SECTION IV - FIRST AID MEASURES

EYES: Immediately flush with water for 15 minutes while holding eyelids open. Seek immediate medical attention.
INGESTION: Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation persists.
INHALATION: Move to fresh air.
SKIN: Immediately wash with soap and warm water for 15 minutes.
NOTE TO PHYSICIAN: None

SECTION V – FIRE-FIGHTING MEASURES

FLASH POINT: Not Tested
FLAMMABLE LIMITS IN AIR, (% BY VOLUME) **UPPER:** N/A **LOWER:** N/A
EXTINGUISHING MEDIA: Use appropriate media for surrounding fire.
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: None known
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, nitrogen.

SECTION VI – ACCIDENTAL RELEASE MEASURES

SPILL: Mop or soak up with appropriate absorbent material. Remove out of doors. Flush with water.
WASTE DISPOSAL: Dispose in accordance with local, state and federal laws. Non-hazardous
RCRA STATUS: Non-hazardous

Material Safety Data Sheet
Breakdown

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Store in a cool, dry area. Do not puncture or incinerate container. Do not reuse container. Wrap container and place in trash collection.

OTHER PRECAUTIONS: Keep out of the reach of children. Follow label instructions exactly.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS / VENTILATION: Not required

RESPIRATORY PROTECTION: Not required with adequate ventilation

PROTECTIVE CLOTHING: Safety glasses and chemical resistant gloves are recommended.

ADDITIONAL MEASURES: Wash hands and clothing in contact with product after use.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear to Slightly Hazy Liquid

ODOR: Spring mist scent

PHYSICAL STATE: Aerosol Spray

BOILING POINT: > 212°F (100°C)

FREEZING POINT: 32°F

VAPOR PRESSURE (mm Hg): 17.5 @ 77°F (25°C)

VAPOR DENSITY (AIR=1): > 2

EVAPORATION RATE: <0.01

SPECIFIC GRAVITY (H2O=1): 1.00 @ 77° F (25° C)

pH: 9.8

SOLIDS (%): Not tested

SOLUBILITY IN WATER: 100%

VOLATILITY INCLUDING WATER (%): 100%

VOLATILE ORGANIC COMPOUNDS (VOC): 6%

DIELECTRIC STRENGTH (Volts): N/A

SECTION X – STABILITY AND REACTIVITY DATA

CHEMICAL STABILITY: Stable

CONDITIONS TO AVOID: Temperatures greater than 120°F may cause bursting.

INCOMPATIBILITY: Strong oxidizing agents, strong reducing agents, acid chlorides.

HAZARDOUS DECOMPOSITION OR BY-PRODUCT: Oxides of Carbon, Nitrogen, Hydrogen Chloride

HAZARDOUS POLYMERIZATION: Will not occur

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: N/A

SECTION XII – ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Not Available

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose in accordance with local, state and federal laws. Non-hazardous

RCRA STATUS: Non-hazardous

Material Safety Data Sheet
Breakdown

SECTION XIV - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: ORM-D

HAZARD CLASS/DIVISION: None

PACKAGING GROUP:

AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols, Ltd. Qty. Class 2

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Aerosols, Ltd. Qty. Class 2

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

NOTE:

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: None

SARA 313 REPORTABLE INGREDIENTS: None

CLEAN WATER ACT: None

STATE REGULATIONS: None California Proposition 65: None

INTERNATIONAL REGULATIONS: All components are listed or exempted.

NFPA HEALTH: 0

HMIS HEALTH: 0

NFPA FLAMMABILITY: 1

HMIS FLAMMABILITY: 1

NFPA REACTIVITY: 1

HMIS REACTIVITY: 1

NFPA OTHER: N/A

HMIS PROTECTION: A

SECTION XVI - ADDITIONAL INFORMATION

PREPARATION BY: Jonathon Jarvis

DISCLAIMER: To the best of our knowledge, information contained herein is accurate. However there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard which exists. The information contained in this MSDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this MSDS shall be created or inferred by any statement in this MSDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this MSDS. The user is responsible for full compliance.