# BIO-RESCUE<sup>TM</sup>

# MATERIAL SAFETY DATA SHEET

1MARK CONSUMER PRODUCTS, INC. AUTHORIZED DISTRIBUTOR

DISTRIBUTED FROM: 3112 SEABORG AVE, SUITE C

VENTURA, CA 93003

PHONE: (800) 811-8001 MSDS NO: BR-2008 MSDS DATE: 15 MAY 2008

REVISED: N/A

IDENTIFICATION	, COMPOSITION AND INGREDIENTS

**PRODUCT NAME:** BIO-RESCUE. USEPA Registration No. 80346-1-84384

BRAND: BIO-RESCUE - Part A

**COMPOSITION:** Biodegradable mixture of cationic detergents and fatty alcohols

**HAZARD RATING:** Health: 1; Flammability: 0; Reactivity: 0. (NFPA)

ACTIVE INGREDIENTS: % OSHA PEL ACGIH

Quaternary Alkyl (50%C<sub>14</sub>, 40% C12

10% C<sub>16</sub>) Dimethyl Benzyl ammonium chloride 3.2 Not Established

(CAS 68424-85-1)

INERT INGREDIENTS 96.8

TOTAL 100
PHYSICAL DATA

**SOLUBILITY IN WATER:** APPEARANCE: Yellowish clear liquid Complete SPECIFIC GRAVITY: ODOR: Sweet 1.17 **EVAPORATION RATE:** 1 (water=1) pH of CONCENTRATE: 10.6 **VAPOR PRESSURE:** BOILING POINT: 212° F. Unknown

FIRE AND EXPLOSION DATA

FLAMMABILITY: Not flammable

EXTINGUISHING MEDIA: As for surrounding fire

UNUSUAL FIRE AND EXPLOSION HAZARDS: None SPECIAL FIR FIGHTING PROCEDURES: None EXPLOSION LIMITS: N/A

FIRST AID EMERGENCY PROCEDURES

EYE CONTACT: Flush eye with cool running water for at least 15 minutes. Call a Physician.

SKIN CONTACT: Flush with cool running water. If irritation develops, call a Physician.

INGESTION: Drink promptly several glasses of water or milk. Call a Physician.

BREATHING: Move to fresh air. If breathing becomes heavy seek medical attention

SPECIAL PROTECTION INFORMATION

PROTECTIVE GLOVES: Recommended (rubber or PVC) when working with concentrate.

EYE PROTECTION: Recommended (goggles, safety glasses) when working with concentrate

LOCAL EXHAUST: None required for local exhaust, normal dilution ventilation is acceptable.

OTHER EQUIPMENT: None required

REACTIVITY DATA

INCOMPATIBLE MATERIALS: Anionic materials
STABILITY: Product is stable
POLYMERIZATION: Will not occur

**DECOMPOSITION PRODUCTS**: Thermal decomposition may give off nitrous oxides and ammoniac vapors and

carbon dioxide during a fire.

SPILL OR LEAK PROCEDURES AND DISPOSAL

**SPILL:** Contain spill; flush with large excess of water. Avoid large discharges; sorbents may be used. **DISPOSAL:** Remove material or dispose in accordance with all applicable federal, state and local regulations.

Material collected with absorbent may be disposed of in permitted landfill

TRANSPORTATION INFORMATION

**DOT:** The product is non-hazardous under DOT Regulations. No special handling procedures are required.

ADDITIONAL INFORMATION

This MSDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied is for use only in connection with occupational safety and health.

The information contained herein has been compiled from sources considered by 1MARK Consumer Products, Inc. to be dependable and is accurate to the best of the Company's knowledge. No guarantee of accuracy is made. It is the user's responsibility to determine the suitability of this information for the adoption of necessary safety precautions and disposal considerations. The information relates to the specific materials designated herein, and does not relate to the use in combination with any other material or other process. The listed hazard data herein may reflect the hazards related to the formulation as a whole or to individual components at 100% concentration. Therefore, certain warnings and hazard statements contained on this MSDS may not be applicable to or included in the package labeling.

SARA requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372. This Information must be included in all MSDS's that are copied and distributed for this material. Components present in this product at a level which could require reporting under the statute are: NONE

EMERGENCY TELEPHONE: INFOTRAC 1-800-535-5053



### BIO-RESCUE<sup>TM</sup>

# MATERIAL SAFETY DATA SHEET

1MARK CONSUMER PRODUCTS, INC. AUTHORIZED DISTRIBUTOR

DISTRIBUTED FROM: 3112 SEABORG AVE, SUITE C

VENTURA, CA 93003

PHONE: (800) 811-8001 MSDS NO: BR-2008 MSDS DATE: 15 MAY 2008

REVISED: N/A

IDENTIFICATION, COMPOSITION AND INGREDIENTS

PRODUCT NAME: Stabilized Catalyst for BIO-RESCUE. USEPA Registration No. 80346-2-84384

BRAND: BIO-RESCUE - Part B

COMPOSITION: Stabilized Hydrogen Peroxide, water and inert ingredients HAZARD RATING: Health: 0; Flammability: 0; Reactivity: 0. (NFPA)

ACTIVE INGREDIENTS: % TLV LIMIT IN AIR

Hydrogen Peroxide (7722-84-1) 7.95 1 ppm

Inert ingredients 92.05
TOTAL 100

PHYSICAL DATA

APPEARANCE: Clear liquid **SOLUBILITY IN WATER:** Complete ODOR: Odorless SPECIFIC GRAVITY: 1.008 g/cm3 pH of CONCENTRATE: **EVAPORATION RATE:** 1 (water=1)2 275 **VAPOR PRESSURE:** 23.3 MM HG @ 30 (C) **BOILING POINT:** 108 Celsius

FIRE AND EXPLOSION DATA

FLAMMABILITY: Not flammable

**EXTINGUISHING MEDIA:** As for surrounding fire, water

UNUSUAL FIRE AND EXPLOSION HAZARDS:

SPECIAL FIR FIGHTING PROCEDURES:

EXPLOSION LIMITS:

N/A

HEALTH HAZARD DATA -EFFECTS OF OVEREXPOSURE

**ROUTES OF ENTRY:** Eye contact, skin contact, ingestion, inhalation.

EYE EFFECT: May cause transient irritation. Rinse immediately with water SKIN EFFECT: May be transiently irritating to skin. Will cause temporary whitening.

INGESTION: If swallowed, consult a physician. Do not induce vomiting. Drink a glass of water.

**INHALATION:** Avoid breathing mist. If inhaled, remove to fresh air. Give oxygen if breathing is difficult.

CARCINOGENICITY: This product (or components of its mixture) is not listed in IARC Monographs, the NTP 6<sup>th</sup> Annual Report or

the current ACGIH TLV's as a carcinogen or potential carcinogen.

FIRST AID EMERGENCY PROCEDURES

**EYE CONTACT:** Flush eye with cool running water for at least 15 minutes. Call a Physician. **SKIN CONTACT:** Flush with cool running water. If irritation develops, call a Physician.

**INGESTION:** Drink promptly a glass of water. Call a Physician.

**BREATHING:** Move to fresh air. If breathing becomes heavy seek medical attention

SPECIAL PROTECTION INFORMATION

**PROTECTIVE:** If skin or contamination of clothing is likely, protective clothing should be worn.

**EYE PROTECTION:** Recommended (goggles, safety glasses).

**RESPIRATORY:** Atmospheric levels should be maintained below the exposure limits listed in Section

III by using engineering controls. If not feasible, use supplied air respirator.

LOCAL EXHAUST: Provide local exhaust, normal dilution ventilation is acceptable. Refer to Industrial

Ventilation by ACGIH for a manual of recommended practices.

OTHER EQUIPMENT: None required

REACTIVITY DATA

INCOMPATIBLE MATERIALS: Heavy metal ions, alkalis and combustible materials STABILITY: Product is stable at normal temperatures and storage

POLYMERIZATION: Will not occur

**DECOMPOSITION PRODUCTS**: Oxygen which supports combustion.

SPILL OR LEAK PROCEDURES AND DISPOSAL

SPILL: Contain spill; flush with large excess of water. Avoid large discharges; sorbents may be used. See prior sections for hazards and exposure controls. Dike with sand or earth to contain spill.

Avoid ignition sources. Transfer to approved DOT drum for recovery or disposal.

DISPOSAL: Remove material or dispose in accordance with all applicable federal, state and local regulations.

Material collected with absorbent may be disposed of in permitted landfill TRANSPORTATION INFORMATION

DOT REGULATIONS: The product is non-hazardous under DOT Regulations. No special handling procedures are required.

#### ADDITIONAL INFORMATION

SARA requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372. This Information must be included in all MSDS's that are copied and distributed for this material. Components present in this product at a level which could require reporting under the statute are NONE. This MSDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied is for use only in connection with occupational safety and health. The information contained herein has been compiled from sources considered by 1MARK Consumer Products, Inc. to be dependable and is accurate to the best of the Company's knowledge. No guarantee of accuracy is made. It is the user's responsibility to determine the suitability of this information for the adoption of necessary safety precautions and disposal considerations. The information relates to the specific materials designated herein, and does not relate to the use in combination with any other material or other process. The listed hazard data herein may reflect the hazards related to the formulation as a whole or to individual components at 100% concentration. Therefore, certain warnings and hazard statements contained on this MSDS may not be applicable to or included in the package labeling.

EMERGENCY TELEPHONE: INFOTRAC 1-800-535-5053



# BIO-RESCUETM

VENTURA, CA 93003

#### MATERIAL SAFETY DATA SHEET

1MARK CONSUMER PRODUCTS, INC. AUTHORIZED DISTRIBUTOR DISTRIBUTED FROM: 3112 SEABORG AVE, SUITE C

MSDS DATE: 15 MAY 2008 REVISED: N/A

PHONE: (800) 811-8001

**MSDS NO: BR-2008** 

IDENTIFICATION, COMPOSITION AND INGREDIENTS

**PRODUCT NAME:** BIO-RESCUE - Combined for Use

BRAND: BIO-RESCUE - Part A combined with Part B

**COMPOSITION:** Biodegradable mixture of cationic detergents, hydrogen peroxide and fatty alcohols

**HAZARD RATING:** Health: 0; Flammability: 0; Reactivity: 0. (NFPA)

ACTIVE INGREDIENTS: % OSHA PEL ACGIH

Quaternary Ammonium Compound (CAS 68424-85-1)1.6Not EstablishedHydrogen Peroxide (7722-84-1)3.981 ppm

INERT INGREDIENTS 94.42
TOTAL 100.0%

PHYSICAL DATA

APPEARANCE: **SOLUBILITY IN WATER:** Yellowish clear liquid Complete ODOR: SPECIFIC GRAVITY: Sweet 1.11 **EVAPORATION RATE:** 1 (water=1) pH: 9.85 **VAPOR PRESSURE:** BOILING POINT: 212° F. Unknown

FIRE AND EXPLOSION DATA

FLAMMABILITY: Not flammable

**EXTINGUISHING MEDIA:** As for surrounding fire

UNUSUAL FIRE AND EXPLOSION HAZARDS: None SPECIAL FIR FIGHTING PROCEDURES: None EXPLOSION LIMITS: N/A

FIRST AID EMERGENCY PROCEDURES

EYE CONTACT: Flush eye with cool running water for at least 15 minutes. Call a Physician.

SKIN CONTACT: Flush with cool running water. If irritation develops, call a Physician.

INGESTION: Drink promptly several glasses of water or milk. Call a Physician.

BREATHING: Move to fresh air. If breathing becomes heavy seek medical attention

SPECIAL PROTECTION INFORMATION

PROTECTIVE GLOVES: Recommended (rubber or PVC) when working with concentrate.

EYE PROTECTION: Recommended (goggles, safety glasses) when working with concentrate

LOCAL EXHAUST: None required for local exhaust, normal dilution ventilation is acceptable.

OTHER EQUIPMENT: None required

REACTIVITY DATA

INCOMPATIBLE MATERIALS: Anionic materials
STABILITY: Product is stable
POLYMERIZATION: Will not occur

**DECOMPOSITION PRODUCTS:** Thermal decomposition may give off nitrous oxides and ammoniac vapors and

carbon dioxide during a fire

SPILL OR LEAK PROCEDURES AND DISPOSAL

**SPILL:** Contain spill; flush with large excess of water. Avoid large discharges; sorbents may be used. **DISPOSAL:** Remove material or dispose in accordance with all applicable federal, state and local regulations.

Material collected with absorbent may be disposed of in permitted landfill

TRANSPORTATION INFORMATION

DOT: The product is non-hazardous under DOT Regulations. No special handling procedures are required.

ADDITIONAL INFORMATION

This MSDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied is for use only in connection with occupational safety and health.

The information contained herein has been compiled from sources considered by 1MARK Consumer Products, Inc. to be dependable and is accurate to the best of the Company's knowledge. No guarantee of accuracy is made. It is the user's responsibility to determine the suitability of this information for the adoption of necessary safety precautions and disposal considerations. The information relates to the specific materials designated herein, and does not relate to the use in combination with any other material or other process. The listed hazard data herein may reflect the hazards related to the formulation as a whole or to individual components at 100% concentration. Therefore, certain warnings and hazard statements contained on this MSDS may not be applicable to or included in the package labeling.

SARA requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372. This Information must be included in all MSDS's that are copied and distributed for this material. Components present in this product at a level which could require reporting under the statute are: NONE

EMERGENCY TELEPHONE: INFOTRAC 1-800-535-5053

