

57284; 1657280



MATERIAL SAFETY DATA SHEET

(Essentially Similar to Form OSHA-174 / 29 CFR 1910-1200)

PRODUCT NAME AERO® IQ ANTIBACTERIAL QUAT FOAMING SOAP
FORMULA 54111

HMIS RATING HEALTH = 0 FIRE = 0 REACTIVITY = 1 (Scale 0-4, where 4 = severe hazard)

SECTION I - MANUFACTURER INFORMATION

| | | | |
|-----------------|---|-------------------|------------------------------------|
| MANUFACTURED BY | DEB SBS, Inc. 1100 Highway 27 South Stanley, NC 28164 | EMERGENCY CONTACT | Chemtrec 800-424-9300 (24 hour) |
| PHONE NUMBER | 704-263-4240 | PREPARED BY | Chemist |
| | | REVISION DATE | December 10, 2008 |

SECTION II - INGREDIENTS

This product is manufactured and labeled in compliance with the Federal Food, Drug, and Cosmetic Act, and is exempt from the labeling requirements of the OSHA Hazard Communication Standard. All product ingredients are listed below.

| <u>ACTIVE INGREDIENT</u> | <u>CAS NUMBER</u> | <u>WEIGHT, %</u> |
|--------------------------|-------------------|------------------|
| Benzalkonium Chloride | 68424-85-1 | 1.30 |

INACTIVE INGREDIENTS

| | |
|----------------------------|------------|
| Water | 7732-18-5 |
| Cocamidopropyl Betaine | 61789-40-0 |
| Undeceth-7 | 34398-01-1 |
| Cocamidopropylamine Oxide | 68155-09-9 |
| Cocamide DEA | 68603-42-9 |
| Lauramine Oxide | 1643-20-5 |
| Tetrasodium EDTA | 64-02-8 |
| Citric Acid | 77-92-9 |
| Methylchlorisothiazolinone | 26172-55-4 |
| Methylisothiazolinone | 2682-20-4 |



SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

| | | | |
|-------------------------|---|---|---------|
| BOILING POINT | 212°F | SPECIFIC GRAVITY (H ₂ O = 1) | 1.002 |
| VAPOR PRESSURE (mmHg) | NA | MELTING POINT | NA |
| VAPOR DENSITY (Air = 1) | NA | EVAPORATION RATE (Butyl Acetate = 1) | NA |
| SOLUBILITY IN WATER | Complete | pH | 6.5-7.5 |
| APPEARANCE & ODOR | Odorless, colorless to light-straw color, thin liquid | | |

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

| | |
|------------------------------------|---|
| FLASH POINT (Method Used) | Non-flammable |
| FLAMMABLE LIMITS | LEL: NA UEL: NA |
| EXTINGUISHING MEDIA | Dry chemical, carbon dioxide, water spray (fog) or regular foam |
| SPECIAL FIRE FIGHTING PROCEDURES | Blanket fire with extinguishing medium. Water or foam may cause frothing. |
| UNUSUAL FIRE AND EXPLOSION HAZARDS | Undetermined |

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SECTION V - REACTIVITY DATA

| | | | | |
|---|-----------------------------|---|----------------------|------------|
| STABILITY | Unstable Stable | X | Conditions to Avoid: | None known |
| INCOMPATIBILITY | Oxidizing agents | | | |
| HAZARDOUS DECOMPOSITION OR BY-PRODUCTS | None known | | | |
| HAZARDOUS POLYMERIZATION | May Occur Will not Occur | X | Conditions to Avoid: | None known |

SECTION VI – HEALTH HAZARD DATA

| | |
|------------------------------------|--|
| ROUTE(S) OF ENTRY | Ingestion only by accidental or intentional misuse |
| HEALTH HAZARDS | |
| Skin: | Excessive exposure may cause irritation or dryness. |
| Eyes: | May cause temporary irritation. |
| Ingestion: | In large quantity, may result in vomiting or diarrhea. |
| EMERGENCY AND FIRST AID PROCEDURES | |
| Skin: | Rinse affected area with water. Consult with a physician if irritation persists. |
| Eyes: | Immediately flush eyes with clean water for at least 15 minutes or until irritation subsides. Consult with a physician if pain or irritation persists. |
| Ingestion: | Do not induce vomiting. Drink large amount of water and consult with a physician. |

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

| | |
|---|--|
| IN CASE OF RELEASE OR SPILL | Apply absorbent material and place in covered containers for disposal. |
| WASTE DISPOSAL METHOD | Dispose in accordance with state, local and federal regulations. |
| PRECAUTIONS FOR HANDLING AND STORAGE | Store at room temperature. Avoid contact with incompatible materials, and excessive heat and cold. |

SECTION VIII - CONTROL MEASURES

| | |
|--------------------------------|---------------|
| SPECIAL RESPIRATORY PROTECTION | None required |
| SPECIAL SKIN PROTECTION | None required |
| SPECIAL EYE PROTECTION | None required |

While the information and recommendations set forth herein are believed to be accurate as of the date hereof, DEB SBS, Inc. makes no warranty with respect thereto and disclaims all liability from reliance thereon, and responsibility for improper application or misuse of product in any manner whatsoever. Final determination of suitability of any material is the sole responsibility of the user.