

MATERIAL SAFETY DATA SHEET

Arctic Gel

FILE NO.: 5990

MSDS DATE: 07/01/12

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Arctic Gel
PRODUCT CODES: 5990

PRODUCT USE: Heat Dissipating Spray

MANUFACTURER: QuestVapco Corporation
ADDRESS: P.O. Box 624
Brenham, TX 77834

EMERGENCY PHONE: 1-800-231-0454
CHEMTEL PHONE: 1-800-255-3924
OTHER CALLS: 1-800-231-0454

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS No.	OSHA PEL	ACGIH TLV
NITROGEN	7729-37-9	N/A	N/A

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Aerosol under pressure do not expose to high temperatures 120°F or store in direct sunlight.

ROUTES OF ENTRY: Skin, Eyes, Ingestion, Inhalation

POTENTIAL HEALTH EFFECTS

EYES: Irritation likely. **SKIN:** May cause slight irritation, possible dryness with prolonged contact. **INGESTION:** May cause gastric discomfort and nausea. **INHALATION:** No hazards under normal use.

ACUTE HEALTH HAZARDS: See health hazards above

CHRONIC HEALTH HAZARDS: None known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known

CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: No OTHER:

SECTION 4: FIRST AID MEASURES

EYES: Flush with water for 15 minutes. Contact physician if irritation persists. **SKIN:** Wash with soap and water for 15 minutes. If irritation develops seek medical attention. **INGESTION:** Do not induce vomiting. Rinse mouth and give 1 - 2 glasses water if conscious and alert. Contact physician. **INHALATION:** Move to fresh air. If not breathing administer artificial respiration.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR (% BY VOLUME) UPPER: N/A LOWER: N/A

FLASH POINT (METHOD USED - TCC): F: 70 C: 21.11

AUTOIGNITION TEMPERATURE: F: N/A C: N/A

NFPA HAZARD CLASSIFICATION: HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0 OTHER:

HMIS HAZARD CLASSIFICATION: HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0 PROTECTION:B

EXTINGUISHING MEDIA: Water, foam, carbon dioxide, dry chemical. Cool fire exposed containers with water fog.

SPECIAL FIRE FIGHTING PROCEDURES: Use full protective gear including self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents under pressure, exposure to high temperatures above 120°F can cause bursting.

HAZARDOUS DECOMPOSITION PRODUCTS:

SECTION 5 NOTES:

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Use absorbent on spill sweep to clean. Dispose in accordance with local, state and federal laws. Small releases may be wiped up with wiping material.

SECTION 6 NOTES: Keep out of reach of children.

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SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Store in a cool dry area. Do not use or store near heat or open flame. Exposure to temperatures above 120 F may cause bursting.

OTHER PRECAUTIONS:

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

VENTILATION : Ambient suitable, forced ventilation should not be required

RESPIRATORY PROTECTION: Not required under normal use. If exposure levels are exceeded then organic vapor cartridge respirator or SCBA will be needed.

EYE PROTECTION: Safety glasses always recommended when using chemicals.

SKIN PROTECTION: None needed.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None needed.

WORK HYGIENIC PRACTICES: Wash hands with soap and water.

EXPOSURE GUIDELINES:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White Gel

ODOR: None

PHYSICAL STATE: Liquid under pressure

pH AS SUPPLIED: 10.5

BOILING POINT: F: >212 C: >100

MELTING POINT: F: not tested C:

FREEZING POINT: F: not tested C:

VAPOR PRESSURE (mmHg): 17.5 @ F: 77 C: 25

VAPOR DENSITY (AIR = 1): >1 @ F: 77 C: 25

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

EVAPORATION RATE (Butyl Acetate =1): <1

SOLUBILITY IN WATER: 100%

VOLATILE ORGANIC COMPOUNDS (VOC): 0%

SECTION 10: STABILITY AND REACTIVITY

STABILITY: STABLE X UNSTABLE

CONDITIONS TO AVOID (STABILITY): Temperatures above 120F

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizers, Alkalies, Acids

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Oxides of carbon

HAZARDOUS POLYMERIZATION: None **CONDITIONS TO AVOID (POLYMERIZATION):** None

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Non-hazardous

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Non-hazardous

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with local, State and Federal regulations. Waste Disposal Method: Wrap container and place in trash collection and do not puncture or incinerate container.

RCRA HAZARD CLASS: Considered Non-hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

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SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: CONSUMER COMMODITY

ID NUMBER:

HAZARD CLASS: ORM-D

PACKING GROUP:

WATER TRANSPORTATION

PROPER SHIPPING NAME: AEROSOL IN LIMITED QUANTITIES OF CLASS 2 HAZARD CLASS: 2.1

ID NUMBER: 1950

PACKING GROUP: NONE

AIR TRANSPORTATION

PROPER SHIPPING NAME: AEROSOL IN LIMITED QUANTITIES OF CLASS 2 HAZARD CLASS: 2.1

ID NUMBER: 1950

PACKING GROUP: NONE

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): All Chemicals are listed

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): NONE

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): NONE

311/312 HAZARD CATEGORIES: NONE

313 REPORTABLE INGREDIENTS: NONE

STATE REGULATIONS: NONE

INTERNATIONAL REGULATIONS: NONE

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

PREPARATION INFORMATION: Alex Pratt

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