

Material Safety Data Sheet

Chill Out

QuestVapco Corporation
P.O. Box 624
Brenham, TX 77834
800-231-0454

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CHEM-TEL: 800-225-3924
PRODUCT NUMBER: 5970

SECTION I - IDENTIFICATION

PRODUCT NAME: Chill Out
PRODUCT CODE: 5970
PRODUCT USE: Freezing Penetrating Oil

SECTION II - COMPOSITION/HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	OSHA PEL	ACGIH TLV
1,1-Difluoroethane	75-37-6	N/A	N/A
Methyl Isobutyl Ketone	108-10-1	100 ppm	200 ppm

SECTION III - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Flammable aerosol, Contents under pressure exposure to high temperatures above 120F can cause bursting. Keep away from heat, sparks, or open flame.

ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin

EYES: Causes irritation, redness, tearing

INGESTION: Causes gastrointestinal irritation, nausea, vomiting, abdominal cramps.

INHALATION: Causes dizziness, excessive or prolonged exposure may cause unconsciousness.

SKIN: Brief contact is not irritating. May cause irritation, localized defatting, redness, itching with prolonged or repeated contact. Can be absorbed through the skin with prolonged and widespread contact.

MEDICAL CONDITION AGGRAVATED: None known

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: Causes gastrointestinal irritation, nausea, vomiting, abdominal cramps.

INHALATION: Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.

SKIN: Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.

NOTE TO PHYSICIAN: None

SECTION V - FIRE-FIGHTING MEASURES

FLASH POINT: > 60°

EXTINGUISHING MEDIA: Dry chemical.

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: FLAMMABLE. May develop a flammable atmosphere in confined areas. Keep away from heat, sparks, open flames and other sources of ignition.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon,

SECTION VI - ACCIDENTAL RELEASE MEASURES

SPILL: Clean up with rag or use some non-combustible material like vermiculite, sand or earth.

Material Safety Data Sheet

Chill Out

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations. Containers may be hazardous when empty.

RCRA STATUS: Waste likely considered hazardous waste U161 (Methyl Isobutyl Ketone), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION VII – HANDLING AND STORAGE

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

OTHER PRECAUTIONS: Flammable vapors may collect in low lying areas.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS / VENTILATION: Material is heavier than air. Material may concentrate in low lying areas.

Normal, forced ventilation required to meet TLV requirements. Local exhaust ventilation is generally preferred.

RESPIRATORY PROTECTION: Wear NIOSH/MSHA approved organic vapor respiratory protection if exposure limits are exceeded.

PROTECTIVE CLOTHING: Safety glasses are always recommended when using chemicals. Impervious gloves such as neoprene or solvex can be used.

ADDITIONAL MEASURES: Wash hands thoroughly with soap and water after use. Use good industrial hygiene practices.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear, Colorless Liquid

ODOR: Solvent odor

PHYSICAL STATE: Liquid

BOILING POINT: < -20

VAPOR PRESSURE (mm Hg): N/A

VAPOR DENSITY (AIR=1): >2

EVAPORATION RATE: >1.6

SPECIFIC GRAVITY (H2O=1): 0.91

SOLUBILITY IN WATER: < 1%

SECTION X – STABILITY AND REACTIVITY DATA

CHEMICAL STABILITY: Stable

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

INCOMPATIBILITY: N/A

HAZARDOUS DECOMPOSITION OR BY-PRODUCT: Oxides of Carbon

HAZARDOUS POLYMERIZATION: Will not occur

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Not Available

SECTION XII – ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Not Available

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations. Containers may be hazardous when empty.

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Material Safety Data Sheet

Chill Out

SECTION XIV - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Non Corrosive Cleaning Compound

HAZARD CLASS/DIVISION: ORM-D

AIR SHIPMENT

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

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKAGING GROUP: N/A

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

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

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKAGING GROUP: N/A

NOTE:

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Fire Hazard

SARA 311/312 HAZARD CATEGORIES: Fire Hazard.

SARA 313 REPORTABLE INGREDIENTS: Methyl Isobutyl Ketone 108-10-1 20%

STATE REGULATIONS: None

INTERNATIONAL REGULATIONS: N/A

NFPA HEALTH: 1

HMIS HEALTH: 1

NFPA FLAMMABILITY: 3

HMIS FLAMMABILITY: 3

NFPA REACTIVITY: 1

HMIS REACTIVITY: 1

NFPA OTHER:

HMIS PROTECTION: A

SECTION XVI - ADDITIONAL INFORMATION

PREPARATION BY: John Holdren

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