

Safety Data Sheet
Purity

SECTION I - IDENTIFICATION

PRODUCT IDENTIFIER: Purity
PRODUCT CODE: 5400
RECOMMENDED USE: Food Grade Lubricant
RESTRICTIONS ON USE: None Known
COMPANY NAME: QuestSpecialty Corporation
COMPANY ADDRESS: P.O. Box 624, Brenham, TX 77834
COMPANY PHONE: 800-231-0454
EMERGENCY PHONE: 800-255-3924

SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION: Flammable Aerosol: Category 1

Liquefied Gas

HAZARD STATEMENT(S): DANGER: Extremely Flammable Aerosol. Contains gas under pressure: May explode if heated.

This product contains the following percentage of chemicals of unknown toxicity: 0%

PRECAUTIONARY STATEMENTS: Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place.

SYMBOL:



HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
White Mineral Oil	8042-47-5	60-100%
Propane/n-Butane	68476-86-8	10-30%

SECTION IV - FIRST AID MEASURES

EYES: Immediately flush with water for 15 - 20 minutes while holding eyelids open. Seek medical attention if irritation persists.

INGESTION: If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting.

INHALATION: Move to fresh air. If breathing difficulty persists, seek medical attention.

SKIN: Immediately wash with soap and warm water for 15 minutes.

ACUTE HEALTH HAZARDS: Eye: may cause tearing and redness

Oral: Aspiration risk

Skin: Prolonged or repeated contact may dry skin

CHRONIC HEALTH HAZARDS: None Known

NOTE TO PHYSICIAN: If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

SECTION V – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical, foam, or Carbon Dioxide (CO₂).

UNSUITABLE EXTINGUISHING MEDIA: Water spray/stream.

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. Avoid contact with skin and breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

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HAZARDOUS COMBUSTION PRODUCTS: None Known

SECTION VI – ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.

SPILL: Absorb with non-combustible material like vermiculite, sand or earth and rinse with small amount of soapy water. Do not allow to drain into sewers or storm drains. Dispose of in accordance with local, state and federal regulations.

WASTE DISPOSAL: Dispose of contents in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

RCRA STATUS: Product should be fully characterized prior to disposal (40 CFR 261).

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

OTHER PRECAUTIONS: None

INCOMPATIBILITY: Strong alkalis, oxidizers, bases, reactive metals, and natural rubber

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
White Mineral Oil	5 mg/m ³	5 mg/m ³
Propane/n-Butane	1000 ppm	1000 ppm

ENGINEERING CONTROLS / VENTILATION: General ventilation adequate.

RESPIRATORY PROTECTION: Not required with normal use. Wear NIOSH/MSHA approved respiratory protection if exposure limits are exceeded.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses

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

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear Aerosol Spray

ODOR: Mild to No Odor

ODOR THRESHOLD: N/D

pH: N/A

MELTING POINT/FREEZING POINT: N/D

INITIAL BOILING POINT AND BOILING RANGE: > 390°F

FLASH POINT: Above 320° F

EVAPORATION RATE: <1

FLAMMABILITY(solid/gas): Extremely Flammable Aerosol

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:

LOWER FLAMMABILITY LIMIT: N/D

UPPER FLAMMABILITY LIMIT: N/D

EXPLOSIVE LIMIT LOWER (%): N/D

EXPLOISVE LIMIT UPPER (%): N/D

VAPOR PRESSURE (mm Hg): <1.0 @ 77°F (25°C)

VAPOR DENSITY (AIR=1): 4.5

RELATIVE DENSITY (H2O=1): 0.82-0.88@ 77° F (25° C)

SOLUBILITY(IES): 0% in water

PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{ow}): N/D

AUTOIGNITION TEMPERATURE: N/D

DECOMPOSITION TEMPERATURE: N/D

VISCOSITY: N/D

SECTION X – STABILITY AND REACTIVITY

REACTIVITY: None Known

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CHEMICAL STABILITY: Stable

POSSIBLE HAZARDOUS REACTIONS: None Known

CONDITIONS TO AVOID: Temperatures greater than 122°F may cause bursting.

INCOMPATIBLE MATERIALS: Strong alkalis, oxidizers, bases, reactive metals, and natural rubber

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, various hydrocarbons

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Propane/n-Butane (68476-86-8) LC₅₀ (Inhalation, Rat, 4hr) 685 mg/m³

ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin

EYES: Causes mild irritation.

INGESTION: May cause gastrointestinal irritation, nausea, diarrhea, vomiting, harmful if swallowed.

INHALATION: May cause irritation to the respiratory tract.

SKIN: May cause irritation, localized defatting. Redness and itching or burning sensation may indicate excessive exposure.

MEDICAL CONDITION AGGRAVATED: Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure.

ACUTE HEALTH HAZARDS: Eye: may cause tearing and redness

Oral: Aspiration risk

Skin: Prolonged or repeated contact may dry skin

CHRONIC HEALTH HAZARDS: None Known

CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

SECTION XII – ECOLOGICAL INFORMATION

ECOTOXICITY: Not Established

PERSISTENCE AND DEGRADABILITY: This product is biodegradable.

BIOACCUMULATIVE POTENTIAL: This product is not expected to bioaccumulate.

MOBILITY IN SOIL: This product is mobile in soil.

OTHER ADVERSE EFFECTS: None Known

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of contents in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

RCRA STATUS: Product should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKING GROUP: N/A

AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols, flammable

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKING GROUP: N/A

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKING GROUP: N/A

ENVIRONMENTAL HAZARDS WATER: N/A

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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: California Proposition 65: None

INTERNATIONAL REGULATIONS: All components are listed or exempted.

VOLATILE ORGANIC COMPOUNDS (VOC): 23%

NFPA HEALTH: 1

HMIS HEALTH: 1

NFPA FLAMMABILITY: 3

HMIS FLAMMABILITY: 3

NFPA REACTIVITY: 0

HMIS REACTIVITY: 0

NFPA OTHER: N/A

HMIS PROTECTION: A

SECTION XVI - OTHER INFORMATION

PREPARATION BY: Andrew Bach

DATE PREPARED: 12/31/2013

REVISION DATE: 02/17/2020

N/A = Not Applicable; N/D = Not Determined

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