

SAFETY DATA SHEET



Date Issued : 10/31/2018
 SDS No : 1022
 Date Revised : 12/21/2020
 Revision No : 1

BD006

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BD006
PRODUCT DESCRIPTION: Black Diamond Hybrid Oil Charge

DISTRIBUTOR

AC Avalanche LLC
 809 110th Street
 Arlington, TX 76011

Emergency Contact: Ginger Stewart

Customer Service: 817-719-3037 x1002

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC: 800-255-3924

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Eye Irritation, Category 2B
 Skin Irritation, Category 2
 Skin Sensitization, Category 1

Environmental:

Acute Hazards to the Aquatic Environment, Category 3
 Chronic Hazards to the Aquatic Environment, Category 3

Physical:

Compressed Gases

GHS LABEL



Exclamation
 mark



Gas cylinder

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H315: Causes skin irritation.
 H320: Causes eye irritation.
 H317: May cause an allergic skin reaction.
 H412: Harmful to aquatic life with long lasting effects.
 H402: Harmful to aquatic life.
 H280: Contains gas under pressure; may explode if heated.

PRECAUTIONARY STATEMENTS

Prevention:

P264: Wash skin thoroughly after handling.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P272: Contaminated work clothing should not be allowed out of the workplace.

Response:

P302+P352: IF ON SKIN: Wash with plenty of water.

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

P362+P364: Take off contaminated clothing and wash it before reuse.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P321: Specific treatment (see first aid measures on this label).

P363: Wash contaminated clothing before reuse.

P410+P403: Protect from sunlight. Store in a well-ventilated place.

Disposal:

P501: Dispose of contents/container to a licensed contractor in accordance with local, state and federal regulations.

HAZARDS NOT OTHERWISE CLASSIFIED:

Liquid can cause burns similar to frostbite.

May displace oxygen and cause rapid suffocation.

May form explosive mixtures with air.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Dimethoxypropoxylate base fluid	*	Proprietary
Additive Package	*	Proprietary
1,1,1,2-tetrafluoroethane (R-134a)	33	811-97-2

COMMENTS: *Ingredients and composition are withheld as trade secret in accordance with 29CFR1910.1200(i).

4. FIRST AID MEASURES

EYES: Immediately flush with plenty of water. After initial flushing, remove any contact lenses if present and continue flushing for at least 15 minutes. Get immediate medical attention if irritation persists.

SKIN: Immediately rinse skin with plenty of water. If irritation occurs, remove affected clothing. Get medical attention if irritation persists. Wash affected clothing separately before reuse.

INGESTION: Rinse mouth with water. Seek medical attention if you feel unwell. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get immediate medical attention if symptoms persist.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

SKIN: Dermal contact with rapidly evaporating liquid could result in freezing of the tissues or frostbite.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Non-flammable.

EXTINGUISHING MEDIA: Dry chemical, CO₂, foam, fog or water spray.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, irritating aldehydes, hydrogen fluoride, carbonyl fluoride, toxic vapors/fumes.

FIRE FIGHTING PROCEDURES: Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

FIRE FIGHTING EQUIPMENT: Proper protective equipment including chemical resistant gloves are to be worn; chemical resistant suit is indicated if large contact with spilled product is expected. Self-Contained Breathing Apparatus must be worn when approaching a fire in a confined space. Select fire fighter's clothing approved to relevant Standards (e.g. NFPA 1851; ISO 11999; EN469).

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Contain and soak up spill with absorbent material. Place residues in a suitable, sealed and labeled container.

LARGE SPILL: Shut off leak if safe to do so. Contain spill with inert, absorbent material. Reclam into recovery or salvage drums or vacuum truck for proper disposal.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Prevent contamination of water. Prevent material from entering drains or watercourses using sand, earth or other appropriate barriers. Do not flush into surface water or sanitary sewer system.

GENERAL PROCEDURES: Do not touch or walk through spilled material. Avoid contact with skin and eyes. Do not breathe vapors. Evacuate area of all non-essential personnel. Use appropriate personal protective equipment.

SPECIAL PROTECTIVE EQUIPMENT: Use protective equipment recommended in Section 8.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Handle in accordance with good industrial hygiene and safety practices.

HANDLING: Use only in a well ventilated area. Avoid breathing (dust, vapor, mist, gas). Avoid contact with eyes, skin, and clothing. Keep away from heat and flame. Wash thoroughly after handling.

STORAGE: Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems. Keep container tightly closed in a dry and well-ventilated place. Keep away from incompatible materials. Keep away from open flames, hot surfaces and sources of ignition. Keep away from direct sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
Chemical Name	EXPOSURE LIMITS			
	Type		ppm	mg/m ³
1,1,1,2-tetrafluoroethane (R-134a)	Supplier OEL	TWA	1000	

ENGINEERING CONTROLS: Provide adequate ventilation. Eye washes and showers for emergency use.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear chemical splash goggles. Wear a full face shield where splashing is likely.

SKIN: Wear chemically resistant gloves.

RESPIRATORY: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product, and the safe working limits of the selected respirator.

PROTECTIVE CLOTHING: Wear protective clothing appropriate to the risk of exposure.

WORK HYGIENIC PRACTICES: Wash hands, forearms and face before eating, drinking, smoking and using the restroom. Launder contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid.

ODOR: Mild.

COLOR: Colorless.

PHYSICAL STATE COMMENTS: Compressed liquefied gas.

pH: Not Available.

FLASH POINT AND METHOD: > 230°C COC-ASTM D-92.

VAPOR PRESSURE: Not Available.

VAPOR DENSITY: Not Available.

BOILING POINT: Not Available.

FREEZING POINT: Not Available.

POUR POINT: < -25°C

SPECIFIC GRAVITY: 0.99 g/cc at 20°C

VISCOSITY #1: 46 cSt at 40°C Kinematic

VISCOSITY #2: 9.7 cSt at 100°C Kinematic

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: Will not occur.

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: Extreme temperatures and direct sunlight.

HAZARDOUS DECOMPOSITION PRODUCTS: Smoke, toxic fumes, oxides of carbon and aldehydes. Hydrogen fluoride and carbonyl fluoride if decomposition occurs at temperatures >250°C.

INCOMPATIBLE MATERIALS: Strong oxidizers, strong acids.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

DERMAL LD₅₀: No data available.

ORAL LD₅₀: No data available.

INHALATION LC₅₀: 1500 g/m³ - rat (4h)

NOTES: Information given is based on the toxicology of components in the mixture.

SKIN CORROSION/IRRITATION: May cause irritation.

SERIOUS EYE DAMAGE/IRRITATION: Contact may cause eye irritation.

RESPIRATORY OR SKIN SENSITISATION: May be sensitizing to skin.

GERM CELL MUTAGENICITY: Not Available.

CARCINOGENICITY

NOTES: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, NTP, ACGIH or OSHA.

REPRODUCTIVE TOXICITY: Not Available.

STOT-SINGLE EXPOSURE: Not Available.

STOT-REPEATED EXPOSURE: Not Available.

ASPIRATION HAZARD: Not classified as an aspiration hazard.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: This product should be regarded as harmful to aquatic organisms, with the potential to cause long term adverse effects in the aquatic environment.

BIOACCUMULATION/ACCUMULATION: Not expected to bio-accumulate.

DISTRIBUTION: Insoluble in water.

AQUATIC TOXICITY (ACUTE)

Notes: Not Available.

CHEMICAL FATE INFORMATION: Expected to be partially or slowly biodegradable.

COMMENTS: Ecotoxicological data have not been determined specifically for this product. The information given is based on knowledge of the components.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of contents/container to a licensed contractor or facility in accordance with local, state and federal regulations.

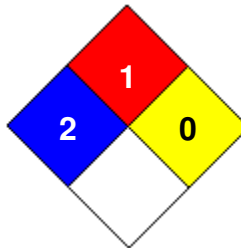
PRODUCT DISPOSAL: Do not put product, spilled products or filled or partially filled containers into the trash or waste compactor. Do not allow product to reach sewage system.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)**PROPER SHIPPING NAME:** 1,1,1,2-Tetrafluoroethane**PRIMARY HAZARD CLASS/DIVISION:** 2.2**UN/NA NUMBER:** UN3159**PACKING GROUP:** N/A**PLACARDS:** Compressed gas**SPECIAL SHIPPING NOTES:** Special provisions: T50**AIR (ICAO/IATA)****SHIPPING NAME:** 1,1,1,2-Tetrafluoroethane**UN/NA NUMBER:** UN3159**PRIMARY HAZARD CLASS/DIVISION:** 2.2**PACKING GROUP:** N/A**PLACARDS:** Compressed gas**VESSEL (IMO/IMDG)****SHIPPING NAME:** 1,1,1,2-Tetrafluoroethane**UN/NA NUMBER:** UN3159**PRIMARY HAZARD CLASS/DIVISION:** 2.2**PACKING GROUP:** N/A**PLACARDS:** Compressed gas**15. REGULATORY INFORMATION****UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****311/312 HAZARD CATEGORIES:** Acute Health Delayed Health**313 REPORTABLE INGREDIENTS:** No ingredients at detectable levels.**302/304 EMERGENCY PLANNING****EMERGENCY PLAN:** Not Applicable.**CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)****CERCLA REGULATORY:** All components listed or exempt.**TSCA (TOXIC SUBSTANCE CONTROL ACT)****TSCA STATUS:** All components listed or exempt.**CALIFORNIA PROPOSITION 65:** This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.**CANADA****DOMESTIC SUBSTANCE LIST (INVENTORY):** All components are listed or exempt.**16. OTHER INFORMATION****REASON FOR ISSUE:** Original Version**APPROVED BY:** Ginger Stewart**PREPARED BY:** Shrieve Chemical Products HSE Department **Date Revised:** 12/21/2020**REVISION SUMMARY:** This SDS replaces the 10/31/2018 SDS. Revised: **Section 14:** DOT (DEPARTMENT OF TRANSPORTATION) - OTHER SHIPPING INFORMATION.

HMIS RATING

HEALTH	<input type="checkbox"/>	2
FLAMMABILITY	<input type="checkbox"/>	1
PHYSICAL HAZARD	<input type="checkbox"/>	0
PERSONAL PROTECTION	<input type="checkbox"/>	

NFPA CODES

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