



# SAFETY DATA SHEET

## Sub Zero 2T Snowmobile Engine Oil

Prepared according to U.S. OSHA, CMA, ANSI, Canadian WHMIS, Australian WorkSafe, Japanese Industrial Standard JIS Z 7250:2000, and European Union REACH Regulations

### SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **Sub Zero 2T Snowmobile Engine Oil**  
 CAS#: Mixture  
 MANUFACTURER'S NAME: **ZXP Technologies**  
 ADDRESS: 409 E. Wallisville Rd. Highlands, TX 77562 USA  
 EMERGENCY PHONE: 1-800-424-9300 **TOLL-FREE in USA/Canada**  
 BUSINESS PHONE: 281-246-8800 (Product Information)  
 WEB SITE: [www.zxptech.com](http://www.zxptech.com)  
 DATE OF PREPARATION: 02 July 2024  
 DATE OF LAST REVISION: 02 July 2024

### SECTION 2 - HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** This product is a blue/green liquid with a mild odor.  
**HEALTH HAZARDS:** Harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation  
**OTHER HAZARD(S):** Combustible liquid. Repeated exposure may cause dryness of the skin. Vapors may cause respiratory irritation.  
**PRECAUTION(S):** Wear eye and skin protection before handling. Do not breathe mist/vapors/spray. Use in a well ventilated area. Wear protective gloves/protective clothing. **IF IN EYES:** Flush with water for 15 minutes and consult a physician. Do no ingest. **IF SWALLOWED:** Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.  
**DISPOSAL:** Keep out of waterways. Check local, national, and international regulations for proper disposal

US DOT SYMBOLS

CANADA (WHMIS) SYMBOLS

EUROPEAN and (GHS) Hazard Symbols



Not Controlled



Signal Word: **Warning!**

Signal Word: **Warning!**

**GHS Hazard Classification(s):**

Skin Irritation Category 2  
Eye Irritation Category 2A

Acute Toxicity, Oral Category 4\*  
Target Organ Toxicity, Acute Category 2

**Hazard Statement(s):**

H320: Causes eye irritation  
H315: Causes skin irritation

**Precautionary Statement(s):**

P264: Wash hands thoroughly after handling  
P280: Wear protective gloves/protective clothing/eye protection/face protection

**Risk Phrases:**

R36/38: Irritating to eyes and skin

**Safety Phrases:**

S24/25: Avoid contact with skin and eyes  
S37/39: Wear suitable gloves and eye/face protection

### SECTION 3 - COMPOSITION and INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS:	CAS #	WT %	US GHS Classification
Lubricating oils, petroleum, hydrotreated spent	64742-58-1	30-40	NOT CLASSIFIED

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Hydrotreated distillate, light	64742-47-8			20-30	ASPIRATION HAZARD – CATEGORY 1 SKIN CORROSION/IRRITATION – CATEGORY 2 FLAMMABLE LIQUID – CATEGORY 4
Highly refined mineral oil	64742-65-0			20-30	NOT CLASSIFIED
Residual oils (petroleum)	64742-62-7			10-20	NOT CLASSIFIED

### SECTION 4 - FIRST-AID MEASURES

**EYE CONTACT:** Thoroughly flush eyes with clean, low-pressure water. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops or persists.

**SKIN CONTACT:** Immediately remove contaminated clothing. Wash skin thoroughly with plenty of soap and water for at least 15 minutes.

**INHALATION:** If inhaled, remove to fresh air. Get medical attention if symptoms occur. If not breathing, administer artificial respiration and oxygen.

**INGESTION:** Clean mouth with water. Do not induce vomiting unless directed by a physician or poison control. Get medical attention if symptoms occur. Do not give anything by mouth to an unconscious person.

**SYMPTOMS AFTER SKIN CONTACT:** May cause skin irritation

**SYMPTOMS AFTER EYE CONTACT:** May cause mild irritation

**SPECIFIC TREATMENTS:** Treat symptomatically

### SECTION 5 - FIRE-FIGHTING MEASURES

**FLASH POINT:** 194°C (381.2°F) ASTM D-92

**AUTOIGNITION TEMPERATURE:** Not Established

**FLAMMABLE LIMITS (in air by volume, %):** Lower (LEL): Not Available Upper (UEL): Not Available

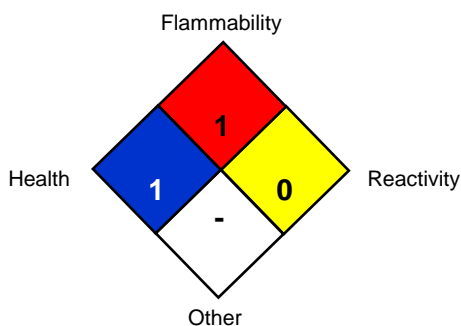
**FIRE EXTINGUISHING MATERIALS:** Carbon dioxide, dry chemical, foam or water spray. Water can be used to cool and protect exposed material.

**UNSUITABLE MEDIA:** Do not use high pressure water streams

**UNUSUAL HAZARDS:** Not Determined

**SPECIAL FIRE-FIGHTING PROCEDURES:** Wear full protective firefighting gear including self-contained breathing apparatus (SCBA) for protection against possible exposure.

#### NFPA RATING SYSTEM



#### HMIS RATING SYSTEM

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM			
HEALTH HAZARD (BLUE)			1
FLAMMABILITY HAZARD (RED)			1
PHYSICAL HAZARD (YELLOW)			0
PROTECTIVE EQUIPMENT			
EYES	RESPIRATORY	HANDS	BODY
	See Sect 8		See Sect 8
For Routine Industrial Use and Handling Applications			

**Hazard Scale:** 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

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**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES:** Ensure adequate ventilation. Use personal protective equipment. Material can create slippery conditions.

**ENVIRONMENTAL PRECAUTIONS:** Prevent entry into waterways, sewers, basements or confined areas. Report spills as required to appropriate authorities. Material will float on water.

**METHODS FOR REMOVAL:** Remove all sources of ignition. Safely stop flow of spill. Do not touch or walk through spilled product. Absorb spill with an inert material then place in a chemical waste container. Recover by pumping or with suitable absorbent. Dike far ahead of larger spill for later recovery and disposal.

Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations).

### SECTION 7 - HANDLING and STORAGE

**PRECAUTIONS FOR SAFE HANDLING:** Keep away from heat, sparks and flame. Keep containers closed with not in use. Ground all handling equipment to prevent sparking. Avoid breathing vapors or mist. Avoid contact with eyes. Avoid prolonged exposure to skin. Hands should be washed thoroughly after handling. Provide adequate ventilation. Use person protective equipment as required.

**CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:** Keep container tightly closed in a dry and well-ventilated place. To avoid product degradation, water contamination should be avoided. Periods of exposure to high temperatures should be minimized.

**INCOMPATIBLE MATERIALS:** Strong oxidizing materials

**STORE TEMP:** Ambient

**PROCEDURES:** Use in a well-ventilated area. Avoid breathing mists/vapors/spray. Avoid handling hot product where possible. Use appropriate personal protective equipment to avoid contact with skin and eyes. Note the location of nearest emergency shower and eye wash station before use. Store with the lid tightly closed in a cool, dry, well-ventilated place. Product is hygroscopic, and effectiveness may diminish if opened products is stored for long periods of time. Dispose of spilled or used material in accordance with local, regional, national, and international regulations.

### SECTION 8 - EXPOSURE CONTROLS - PERSONAL PROTECTION

#### EXPOSURE LIMITS/GUIDELINES:

Chemical Name	CAS#	Form of Exposure	Permissible Conc.	Basis
Distillates, petroleum, hydrotreated, light	64742-58-1	TWA	5 mg/m <sup>3</sup>	ACIH
		STEL	10 mg/m <sup>3</sup>	
		TWA	5 mg/m <sup>3</sup>	OSHA
		TWA	5 mg/m <sup>3</sup>	NIOSH REL
		STEL	10 mg/m <sup>3</sup>	

Other Exposure Limits: Not Determined

**ENGINEERING CONTROLS:** Adequate ventilation should be provided to maintain concentration of vapor or mist below applicable exposure limits. Where adequate general ventilation is unavailable, use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below applicable exposure limits.

**RESPIRATORY PROTECTION:** Where exposure through inhalation may occur from use, respiratory protection is recommended. Use an approved respirator equipped with oil/mist cartridges.

**EYE PROTECTION:** Chemical goggles or safety glasses

**HAND PROTECTION:** Use nitrile or neoprene gloves. Use good industrial hygiene practices. In case of skin contact, wash hands, and arms with soap and water.

**BODY PROTECTION:** Long-sleeved clothing

**HYGIENE:** Wash hands, before breaks and immediately after handling the product. Remove contaminated clothing and protective equipment before entering eating areas. Do not wear rings, watches or similar apparel that could entrap material and cause a skin reaction.

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### SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid
APPEARANCE & ODOR:	Blue/Green
ODOR THRESHOLD (PPM):	Not Determined
VAPOR PRESSURE (mmHg):	Not Determined
VAPOR DENSITY (AIR=1):	Not Determined
EVAPORATION RATE (nBuAc = 1):	Not Determined
FLASH POINT	194°C (381.2°F)
MELTING POINT (C°):	Not Determined
pH:	Not Determined
VISCOSITY:	7-8 centistokes @ 100°C(212°F)
KINEMATIC VISCOSITY:	Not Data Available
DENSITY:	1.05 mg/cu. Cm @15.6 °C
SOLUBILITY IN WATER (%):	Insoluble in water
SPECIFIC GRAVITY:	0.85-0.87 @ (60°F)

### SECTION 10 - STABILITY and REACTIVITY

**CHEMICAL STABILITY:** Stable under normal temperature and pressure.

**REACTIVITY:** No reactivity hazard is expected

**INCOMPATIBLE MATERIALS:** Strong oxidizing agents

**HAZARDOUS DECOMPOSITION PRODUCTS:** May release Cox, NOx, Pox, Sox, smoke and irritating vapors when heated to decomposition.

**HAZARDOUS POLYMERIZATION:** Will not polymerize

**CONDITIONS TO AVOID:** Do not expose to excessive heat, ignition sources, or oxidizing materials.

### SECTION 11 - TOXICOLOGICAL INFORMATION

#### ACUTE EXPOSURE

**EYE IRRITATION:** May cause mild eye irritation

**SKIN IRRITATION:** May cause skin irritation

**INHALATION IRRITATION:** No information on significant adverse effects

**INGESTION IRRITATION:** No information on significant adverse effects.

**DERMAL TOXICITY:** No Data Available

**INHALATION TOXICITY:** No Data Available

**ORAL TOXICITY:** No Data Available

#### CHRONIC EXPOSURE

**CHRONIC TOXICITY:** No information on significant adverse effects

**CARCINOGENICITY:** Not Classified

**MUTAGENICITY:** No Data Available

**REPRODUCTIVE TOXICITY:** No Data Available

**TUMORIGENIC:** No Data Available

#### ADDITIONAL INFORMATION

**TARGET ORGAN TOXICITY:** No information on significant adverse effects.

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## **Sub Zero 2T Snowmobile Engine Oil**

**SYNERGISTIC EFFECTS:** No information on significant adverse effects.

**PHARMACOKINETICS:** No information on significant adverse effects.

### **SECTION 12 - ECOLOGICAL INFORMATION**

**ECOTOXICITY:** No information available for the product

**Component Analysis – Aquatic toxicity**

**PERSISTENCE AND DEGRADABILITY:** No information available for the product

**BIOACCUMULATIVE POTENTIAL:** No information available for the product

**MOBILITY:** No information available for the product

**OTHER ADVERSE EFFECTS:** No information available for the product

### **SECTION 13 - DISPOSAL CONSIDERATIONS**

**DISPOSAL METHODS:** Dispose in accordance with federal, state, provincial and local regulations. Dispose of packaging or containers in accordance with local, regional, national and international regulations. Empty container contains product residue which may exhibit the hazards of product.

**CONTAMINATED PACKAGING:** Container packaging may exhibit hazards. Do not pressurized, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity or other sources of ignition. Do not attempt to refill or clean containers without proper instructions.

### **SECTION 14 - TRANSPORTATION INFORMATION**

DOT: Not Regulated

ICAO/IATA: Not Regulated

IMDG: Not Regulated

### **SECTION 15 - REGULATORY INFORMATION**

#### **US Federal Regulations**

**SARA 311/312 Hazards:** No SARA Hazards

**SARA 302:** No chemical in this material are subject to the reporting requirements of SARA Title III, Section 302

**SARA 313:** None

**STATE – CA Prop 65:** Based on information currently available, this product does not contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65. If this product is reformulated or further processed, further evaluation should be done based upon such reformulation or processing, as well as upon its final composition and use.

**UNITED STATES TOXIC SUBSTANCES CONTROL ACT (TSCA) INVENTORY:** All chemicals on this SDS are listed on this inventory

#### **INVENTORY STATUS**

**CANADIAN DOMESTIC SUBSTANCES LIST (DSL) INVENTORY:** All chemicals on this SDS are listed on this inventory

**EUROPEAN UNION (REACH):** Contains an ingredient that may not be on the inventory.

**JAPAN (ENCS):** Contains an ingredient that may not be on the inventory.

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## **Sub Zero 2T Snowmobile Engine Oil**

**PHILIPPINES (PICCS):** Contains an ingredient that may not be on the inventory.

**SOUTH KOREA (ECL):** Contains an ingredient that may not be on the inventory.

**AUSTRALIA (AICS):** Contains an ingredient that may not be on the inventory.

**CHINA (IECSC):** Contains an ingredient that may not be on the inventory.

### **SECTION 16 - OTHER INFORMATION**

7/2/2024 – SDS was created

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