

## SAFETY DATA SHEET

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PlanetSafe OT  
SYNONYMS: PlanetSafe OT Oil and Gear Treatment  
PRODUCT CODES: PlanetSafe OT  
Intended Use: Oil and Gear Additive

MANUFACTURER: Real Technologies LLC  
ADDRESS: 1028 N Westridge Dr STE B  
St George, UT 84770

EMERGENCY PHONE: 435-673-2956  
OTHER CALLS: 801-310-6715

CHEMICAL NAME: Mixture

PRODUCT USE: Oil and Gear Additive

### SECTION 2: HAZARDS IDENTIFICATION

This material is not hazardous according to regulatory guidelines (see SDS Section 15).

Other hazard information:

HAZARD NOT OTHERWISE CLASSIFIED (HNOC): None as defined under 29 CFS 1910.1200.

PHYSICAL / CHEMICAL HAZARDS: No significant hazards.

HEALTH HAZARDS: High-pressure injection under skin may cause serious damage. Excessive exposure may result in eye, skin, or respiratory irritation.

ENVIRONMENTAL HAZARDS: No significant hazards.

NFPA Hazard ID: Health: 0 Flammability: 1 Reactivity: 0  
HMIS Hazard ID: Health: 0 Flammability: 1 Reactivity: 0

NOTE: This material should not be used for any other purpose than the intended use in Section 1 without expert advice. Health studies of similar products have shown that chemical exposure may cause potential human health risk which may vary from person to person.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

This material is defined as a mixture.

Chemical Name	CAS-No.	Concentration (%)
Distillates (petroleum), heavy, C18-50 – branched, cyclic and linear	848301-69-9	30 -< 50%
Proprietary Vegetable Oil Compound	Trade Secret	20 – 45%
Proprietary Synthetic Oil Compound	Trade Secret	15 – 25%

### SECTION 4: FIRST AID MEASURES

**EYES:** Immediately flush eyes with water and continue washing for at least 15 minutes. Obtain medical attention immediately.

**SKIN:** Wash thoroughly with warm water using a mild soap. If hot material contacts skin, immediately cool before attempting removal. If irritation persists or if contact has been prolonged, obtain medical attention.

**INGESTION:** Do not induce vomiting. Rinse mouth with water. Obtain medical attention.

**INHALATION:** Remove to fresh air. Aspiration may cause pulmonary edema or aspiration pneumonia. If breathing is difficult, oxygen may be given by qualified personnel. Obtain medical attention if symptoms persist.

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**SECTION 5: FIRE-FIGHTING MEASURES**

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**EXTINGUISHING MEDIA:** CO<sub>2</sub>, dry chemical, dry sand, water fog, or foam

**Specific hazards during firefighting:** Do not use a solid water stream as it may scatter and spread the fire.

**SPECIAL FIRE FIGHTING PROCEDURES:** Limit the spread of the oil. Treat as an oil (edible fat) fire. Use air supplied equipment for fighting interior fires. Use personal protective equipment.

**FLASH POINT:**

F: 356

C: 180

**METHOD USED:** Closed Cup

**AUTOIGNITION TEMPERATURE:**

F: 840

C: 449

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Keep free of ignition sources. Burning can produce the following combustion products: oxides of carbon, oxides of sulfur, and oxides of calcium.

**HAZARDOUS COMBUSTION PRODUCTS:** Aldehydes, incomplete combustion products, oxides of carbon, oxides of sulfur, smoke, and oxides of calcium.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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**PROTECTIVE MEASURES:** Avoid contact with spilled material. Wear suitable protective equipment.

**SPILL MANAGEMENT:** Stop the leak if you can do so without risk. Recover by pumping or with suitable absorbent. Large spills should be collected mechanically or removed by pumping for disposal. For small spillage, soak up with inert absorbent material such as sand, silica gel, acid binder, universal binder, or sawdust. Shovel into suitable container for disposal. Avoid walking through material. Comply with all laws and regulations of waste disposal.

**ENVIRONMENTAL PRECAUTIONS:** Should not be released into the environment. Do not flush into surface water or sanitary sewer systems. Prevent entry into waterways.

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**SECTION 7: HANDLING AND STORAGE**

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**ADVICE ON SAFE HANDLING:** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. Wear suitable protective equipment. Use only with adequate ventilation. Protect from contamination. Prevent small spills and leakage to avoid slip hazard. Avoid static accumulation. Use proper grounding and bonding. Keep away from fire and open flames. Protect from freezing. Keep drums tightly closed to prevent contamination. Avoid contact with eyes, skin, and clothing. Wear recommended personal protective equipment.

**STATIC ACCUMULATOR:** This material may be a static accumulator.

**OTHER PRECAUTIONS:** Keep away from strong oxidizing agents.

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

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Substance Name	Form of exposure	Permissible concentration	Basis
Distillates (petroleum)	TWA (Mist)	5 mg/m <sup>3</sup>	OSHA Z-1
Proprietary Vegetable Oil Compound	No known exposure hazards under normal use		
Proprietary Synthetic Oil Compound	No known exposure hazards under normal use		

**VENTILATION :** No special requirements under normal conditions of use.

**RESPIRATORY PROTECTION:** Not needed under normal conditions of use.

NAME OF PRODUCT PlanetSafe OT  
Revision Date: 24 March 2023

**EYE PROTECTION:** If eye contact is likely, safety glasses should be worn. Face shield if risk of splashing.

**SKIN PROTECTION:** Wear oil resistant gloves. Wear protective clothing, such as long sleeves to minimize skin contact.

**WORK HYGIENIC PRACTICES:** Normal work and hygiene practices for handling non-hazardous material.

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#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**APPEARANCE:** Viscous liquid

**COLOR:** Yellow-brown

**ODOR:** Mild petroleum

**ODOR THRESHOLD:** No data available

**PHYSICAL STATE:** Liquid

**pH AS SUPPLIED:** 6.5-7.5

**BOILING POINT:**

F: Not Available

C: Not Available

**MELTING POINT:**

F: Not Available

C: Not Available

**FREEZING POINT:**

F: Not Available

C: Not Available

**VAPOR PRESSURE (mmHg):**

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F: Not Available

C: Not Available

**VAPOR DENSITY (AIR = 1):** Not Available

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F: Not Available

C: Not Available

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):**

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0.95 gm/ml

**EVAPORATION RATE:** Not Available

**SOLUBILITY IN WATER:** Insoluble

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#### SECTION 10: STABILITY AND REACTIVITY

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**REACTIVITY:** No dangerous reaction known under conditions of normal use.

**STABILITY:** Stable under ordinary conditions of use and storage.

**CONDITIONS TO AVOID:** Excessive heat. Contamination sources.

**INCOMPATIBILITY (MATERIAL TO AVOID):** Avoid high energy sources of ignition and strong oxidizers.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Carbon oxides and carbon monoxide may form when heated to decomposition. Combustion may produce oxides of carbon, oxides of sulfur, and oxides of calcium.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID (POLYMERIZATION):** None known.

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#### SECTION 11: TOXICOLOGICAL INFORMATION

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**TOXICOLOGICAL INFORMATION:** No toxicity testing has been conducted on this product. Any health or toxicological information included was based on data associated with the components used in manufacturing this product.

Hazard Class	Conclusion / Remarks
Inhalation	
Acute Toxicity: No end point data for material.	Minimally Toxic. Based on assessment of the components.
Irritation: No end point data for material.	Negligible hazard at ambient/normal handling temperatures.
Ingestion:	
Acute Toxicity: No end point data for material.	Minimally Toxic. Based on assessment of the components.
Skin	
Acute Toxicity: No end point data for material.	Minimally Toxic. Based on assessment of the components.
Skin Corrosion/Irritation: No end point data for material.	Minimal irritation. Based on assessment of the components.
Eye	
Serious Eye Damage/Irritation: No end point data for material.	May cause mild, short-lasting discomfort to eyes. Based on assessment of the components.
Sensitization	
Respiratory Sensitization: No end point data for material.	Not expected to be a respiratory sensitizer. Based on assessment of the components.
Skin Sensitization: No end point data for material.	Not expected to be a skin sensitizer. Based on assessment of the components.
Aspiration: No end point data for material.	Not expected to be an aspiration hazard. Based on assessment of the components.
Germ Cell Mutagenicity: No end point data for material.	Not expected to be a germ cell mutagen. Based on assessment of the components.
Carcinogenicity: No end point data for material.	Not expected to cause cancer. Based on assessment of the components.
Reproductive Toxicity: No end point data for material.	Not expected to be a reproductive toxicant. Based on assessment of the components.
Lactation: No end point data for material.	Not expected to cause harm to breast-fed children.
<b>Specific Target Organ Toxicity (STOT)</b>	
Single Exposure: No end point data for material.	Not expected to cause organ damage from a single exposure.
Repeated Exposure: No end point data for material.	Not expected to cause organ damage from prolonged or repeated exposure. Based on assessment of the components.

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**SECTION 12: ECOLOGICAL INFORMATION**

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**Ecotoxicity**

**Persistence and Degradability:** No information available

**Bioaccumulation/Accumulation:** No information available

**Mobility:** Low solubility. Product can be separated mechanically from water.

**Toxicity to fish and aquatic organisms:** No information available

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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**WASTE DISPOSAL METHOD:** Material is not considered hazardous. Do not put into sewer lines. Dispose of according to local, state, and federal regulations and laws. Empty drums should be decontaminated and either passed to an approved drum reconditioner or destroyed. Containers that cannot be cleaned should be treated as waste.

**RCRA HAZARD CLASS:** It is the responsibility of the user to determine if this material is a RCRA Hazardous Waste at the time of disposal. This material in normal use and storage is not considered hazardous.

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**SECTION 14: TRANSPORT INFORMATION**

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**LAND (DOT):** Not Regulated by Land Transport

**LAND (TDG):** Not regulated by Land Transport

**SEA (IMDG):** Not regulated for Sea Transport according to IMDG-Code

**Marine Pollutant:** No

**AIR (IATA):** Not regulated for Air Transport

NAME OF PRODUCT PlanetSafe OT  
Revision Date: 24 March 2023

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**SECTION 15: REGULATORY INFORMATION**

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**OSHA HAZARD COMMUNICATION STANDARD:** This material is not considered hazardous in accordance with OSHA HazCom 2012, 29 DFR 1910.1200.

**U.S. FEDERAL REGULATIONS**

**TSCA (TOXIC SUBSTANCE CONTROL ACT):** The contents of this product are listed.

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):**

**311/312 HAZARD CATEGORIES:** No hazard categories identified.

**STATE REGULATIONS:** In normal use and storage the product is non-hazardous.

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**SECTION 16: OTHER INFORMATION**

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**DISCLAIMER:**

Information presented herein has been compiled from source considered to be accurate and dependable to the best of our knowledge and belief but is not guaranteed to be so. Nothing herein is to be construed as recommending any practice or any product in violation of any law or regulation. It is the user's responsibility to determine the suitability of any material for a specific purpose and to adopt such safety precautions as necessary. Since conditions of use are not under our control, we must disclaim all liability with respect to the use and disposal of our products.