

# MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT – PlanetSafe-GT - DT

FILE NO.: A-2  
MSDS DATE: 3/14/2017

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME: PlanetSafe GT-DT  
SYNONYMS: PlanetSafe GT Gasoline and Diesel Treatment, RealTech-G  
PRODUCT CODES: PlanetSafe GT-DT

MANUFACTURER: Real Technologies LLC  
ADDRESS: 2014 W. 730 S.  
St George, UT 84770

EMERGENCY PHONE: 801-310-6715  
OTHER CALLS: 801-310-6715

CHEMICAL NAME: Mixture

PRODUCT USE: Gasoline Additive

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## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

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<u>INGREDIENT:</u>	<u>CONCENTRATION:</u>	
Proprietary Vegetable Oil Compounds	Non-Hazardous	50-75
Biosynthetic Compound	Hazardous if injected	25-50

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## SECTION 3: HAZARDS IDENTIFICATION

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EMERGENCY OVERVIEW: Non-hazardous under normal conditions of use. Harmful if ingested. Slightly hazardous in case of skin contact. Hot oil can cause thermal burns on contact. Spill may create a slip hazard.

ROUTES OF ENTRY: Skin contact and eye contact

### POTENTIAL HEALTH EFFECTS

EYES: Eye irritant. Wash eyes with plenty of water, lifting the lids occasionally. Seek medical attention if irritant persists.

SKIN: May cause skin irritation. Wash exposed area with soap and water. If irritation persists seek medical attention.

INGESTION: Avoid ingestion. Do not induce vomiting. Seek medical attention if adverse symptoms are present. Never give anything by mouth to an unconscious person.

INHALATION: No adverse health effects expected from inhalation.

ACUTE HEALTH HAZARDS: None known.

CHRONIC HEALTH HAZARDS: None known.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: May aggravate pre-existing skin disorders.

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## SECTION 4: FIRST AID MEASURES

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EYES: Wash with plenty of water, lifting the lids occasionally. Seek medical attention if irritant persists.

SKIN: Avoid contact with the skin, wash immediately with plenty of water and soap. If irritation persists seek medical attention.

INGESTION: Do not induce vomiting. Seek medical attention if adverse symptoms are present. Never give anything by mouth to an unconscious person.

INHALATION: No adverse health effects expected from inhalation.

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## SECTION 5: FIRE-FIGHTING MEASURES

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FLAMMABLE LIMITS IN AIR, UPPER: No Data  
(% BY VOLUME) LOWER: No Data

FLASH POINT:  
F: No Data

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C: No Data

METHOD USED:

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**AUTOIGNITION TEMPERATURE:**

F: No Data

C: No Data

**NFPA HAZARD CLASSIFICATION**

HEALTH: 1                      FLAMMABILITY: 1                      REACTIVITY: 0  
OTHER:

**HMIS HAZARD CLASSIFICATION**

HEALTH: 1                      FLAMMABILITY: 1                      REACTIVITY: 0  
PROTECTION: B

**EXTINGUISHING MEDIA:** CO2, dry chemical, dry sand, water fog, or foam. Do not use water jet.

**SPECIAL FIRE FIGHTING PROCEDURES:** Not available

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Not available

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**ACCIDENTAL RELEASE MEASURES:** Asorb into an inert material and dispose in a chemical waste container. Dispose of in a manner consistent with federal, state, and local requirements.

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## SECTION 7: HANDLING AND STORAGE

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**HANDLING AND STORAGE:** Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Store in a cool well ventilated area. Keep away from heat and flame. Do not get in eyes, on skin, or on clothing.

**OTHER PRECAUTIONS:** Keep away from heat.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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**ENGINEERING CONTROLS:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

**VENTILATION :** Use a mechanical exhaust/ventilation or fume collection system if heating the product to elevated temperatures.

**RESPIRATORY PROTECTION:** Not needed under normal conditions of use. Use adequate ventilation. If used in a dusty environment use a dust respirator.

**EYE PROTECTION:** Safety glasses should be worn.

**SKIN PROTECTION:** Gloves should be worn.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Wear protective clothing to protect the skin from potential contact.

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

**EXPOSURE GUIDELINES:** Not available

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**APPEARANCE:** Pale yellow

**ODOR:** Slight ester odor

**PHYSICAL STATE:** Liquid

**pH AS SUPPLIED:** N/A

**pH (Other):**

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**BOILING POINT:**

F: >570  
C: >300

**MELTING POINT:**

F: N/A  
C: N/A

**VAPOR PRESSURE (mmHg):**

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F: N/A  
C: N/A

**VAPOR DENSITY (AIR = 1):**

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F: N/A  
C: N/A

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

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F: <1  
C: <1

**EVAPORATION RATE:**

BASIS (=1): N/A

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)

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**SOLUBILITY IN WATER:** Insoluble

**PERCENT SOLIDS BY WEIGHT:** N/A

**PERCENT VOLATILE:**

BY WT/ BY VOL @

F: N/A  
C: N/A

**VOLATILE ORGANIC COMPOUNDS (VOC):**

WITH WATER: N/A	LBS/GAL
WITHOUT WATER: N/A	LBS/GAL

**MOLECULAR WEIGHT:**

**VISCOSITY:**

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F: N/A  
C: N/A

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## SECTION 10: STABILITY AND REACTIVITY

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**STABILITY:** Product is stable

**CONDITIONS TO AVOID (STABILITY):** Avoid contact with heat, sparks, flames, or incompatible materials.

**INCOMPATIBILITY (MATERIAL TO AVOID):** Avoid strong oxidizing agents and conditions (heat and light).

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Thermal decomposition releases toxic fumes.

**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 in Section 3 was based on data associated with the components used in manufacturing this product.

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## SECTION 12: ECOLOGICAL INFORMATION

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**ECOLOGICAL INFORMATION:** Degradation products are not hazardous in the short term however, long term degradation products may arise. The toxicity of longer term degradation products are stronger.

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## SECTION 13: DISPOSAL CONSIDERATIONS

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**WASTE DISPOSAL METHOD:** Do not put into sewer lines. Disposal according to local authority advice and in accordance with federal, state, and local regulatory requirements.

**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 considered slightly hazardous.

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## SECTION 14: TRANSPORT INFORMATION

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### U.S. DEPARTMENT OF TRANSPORTATION

**PROPER SHIPPING NAME:** Not Regulated  
**HAZARD CLASS:** Not Regulated  
**ID NUMBER:** Not Regulated  
**PACKING GROUP:** Not Regulated  
**LABEL STATEMENT:** Not Regulated

### WATER TRANSPORTATION

**PROPER SHIPPING NAME:** Not Regulated  
**HAZARD CLASS:** Not Regulated  
**ID NUMBER:** Not Regulated  
**PACKING GROUP:** Not Regulated  
**LABEL STATEMENTS:** Not Regulated

### AIR TRANSPORTATION

**PROPER SHIPPING NAME:** Not Regulated  
**HAZARD CLASS:** Not Regulated  
**ID NUMBER:** Not Regulated  
**PACKING GROUP:** Not Regulated  
**LABEL STATEMENTS:** Not Regulated

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## SECTION 15: REGULATORY INFORMATION

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**U.S. FEDERAL REGULATIONS:** Not a dangerous material

**STATE REGULATIONS:** Not a dangerous material

**INTERNATIONAL REGULATIONS:** Not a dangerous material

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## SECTION 16: OTHER INFORMATION

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### OTHER INFORMATION:

**DISCLAIMER:** Information presented herein has been compiled from a 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.