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SAFETY DATA SHEET

Prepared Date: 06/10/2013
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SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: TEK ORANGE Gel Engine Degreaser

PRODUCT NUMBER: 891.351

PRODUCT USE: Engine Degreaser

MANUFACTURED FOR: Winzer Corporation
4060 E. Plano Parkway
Plano, TX 75074

INFORMATION PHONE: 1-800-527-4126

24 HOUR EMERGENCY PHONE: INFOTRAC 1-800-535-5053

SECTION 2 – HAZARD(S) IDENTIFICATION

CLASSIFICATION:

Flammable Aerosol: Category 1 Liquefied Gas

Skin Irritant: Category 2

Eye Irritant: Category 2A

Aspiration Hazard: Category 1

HAZARD STATEMENT(S):

DANGER:

Extremely Flammable Aerosol.

Contains gas under pressure; May explode if heated.

Causes skin and serious eye irritation.

May be fatal if swallowed and enters airways.

This product contains the following percentage of chemicals of unknown toxicity: 8%

PICTOGRAM SYMBOL(S):



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. Wash hands thoroughly after handling. Wear protective gloves and eye protection. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. Store locked up. Dispose of contents and container in accordance with local, state, and national regulations.

HAZARDS NOT OTHERWISE CLASSIFIED: N/A.



SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS #	PERCENT
1, 8 p-Menthadiene	5989-27-5	10-30%
Propane/n-Butane	68476-86-8	10-30%
Isoparaffinic Hydrocarbon	64742-47-8	10-30%
Isopropyl Alcohol	67-63-0	3-7%

SECTION 4 – FIRST AID MEASURES**FIRST AID:**

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

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

INGESTION: Not a likely exposure route. If a large quantity of liquid is swallowed, do not induce vomiting, call a physician or poison control center.

INHALATION: Move to fresh air. If not breathing, administer artificial respiration.

ACUTE HEALTH HAZARDS: Eye: stinging, tearing, redness.

Oral: Aspiration risk.

Skin: Prolonged or repeated contact may dry skin.

CHRONIC HEALTH HAZARDS: None known.

NOTE TO PHYSICIAN: There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

SECTION 5 – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, foam, and water spray or fog.

UNSUITABLE EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: Wear SCBA in fire situations.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents under pressure. Exposure to temperatures above 122°F may cause bursting. Keep away from heat, sparks, open flames and other sources of ignition. Contains flammable propellant.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

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

SPILL: Eliminate all sources of ignition. Absorb spill with non-combustible material such as vermiculite, sand or earth.

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations.

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

SECTION 7 – HANDLING AND STORAGE

HANDLING AND STORAGE: Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use. Store locked up.

OTHER PRECAUTIONS: Keep out of the reach of children.

INCOMPATIBILITY: Strong oxidizing agents.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
1, 8 p-Menthadiene	Not Established	Not Established
Propane/n-Butane	1000 ppm	1000 ppm
Isoparaffinic Hydrocarbon	400 ppm	400 ppm
Isopropyl Alcohol	400 ppm	200 ppm

ENGINEERING CONTROLS / VENTILATION: Use only outdoors or in a well-ventilated area.

RESPIRATORY PROTECTION: Wear NIOSH/MSHA approved organic vapor respiratory protection if listed exposure limits (section VIII) are exceeded.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses and chemical resistant gloves

ADDITIONAL MEASURES: Wash hands thoroughly after handling.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear to Slight Tint Spray	EVAPORATION RATE: < 1
ODOR: Citrus	SPECIFIC GRAVITY (H ₂ O=1): 0.93
ODOR THRESHOLD: 1 ppm	pH: 12.5
BOILING POINT: N/D	SOLIDS (%): 26%
FREEZING POINT: N/D	SOLUBILITY IN WATER: 100%
FLAMMABILITY: Extremely Flammable Aerosol	PARTITION COEFFICIENT: n-OCTANOL/WATER (KOW): N/D
FLASH POINT: N/D	VOLATILITY INCLUDING WATER (%): 100%
AUTOIGNITION TEMPERATURE: N/D	VOLATILE ORGANIC COMPOUNDS (VOC): 40%
LOWER FLAMMABILITY LIMIT: N/D	DIELECTRIC STRENGTH (Volts): N/D
UPPER FLAMMABILITY LIMIT: N/D	DECOMPOSITION TEMPERATURE: N/D
VAPOR PRESSURE (mm Hg): N/D	VISCOSITY: N/D
VAPOR DENSITY (AIR=1): > 2	

SECTION 10 – STABILITY AND REACTIVITY

REACTIVITY: If exposed to strong oxidizers, presents explosion hazard.

CHEMICAL STABILITY: Stable.

CONDITIONS TO AVOID: Temperatures greater than 122°F and sources of ignition.

INCOMPATIBILITY: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCT: Oxides of carbon.

POSSIBLE HAZARDOUS REACTIONS: None Known.

SECTION 11 – TOXICOLOGICAL INFORMATION**TOXICOLOGICAL INFORMATION:**

1, 8 p-Menthadiene (5989-27-5): Skin Damage/Irritation: Category 2; Eye Damage/Irritation: Category 2A.
Isoparaffinic Hydrocarbon (64742-47-8) Eye Damage/Irritation: 2B; Aspiration Hazard: Category 1.
Isopropyl Alcohol (67-63-0): Eye Damage/Irritation: Category 2A.

ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin.

EYES: Causes irritation, redness, tearing.

INGESTION: Causes gastrointestinal irritation, headaches, nausea, diarrhea, vomiting, abdominal cramps.

INHALATION: May cause dizziness and/or headaches.

SKIN: Causes localized defatting, irritation, dermatitis.

MEDICAL CONDITION AGGRAVATED: None known.

ACUTE HEALTH HAZARDS: Eye: stinging, tearing, 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: No

SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:

Isoparaffinic Hydrocarbon (64742-47-8) Not toxic to aquatic organisms (fish, daphnia, algae) up to water solubility. May adsorb to sediments and possibly cause toxic effects to organisms.

1, 8 p-Methadiene (5989-27-5): EC50: 688 micrograms/l; exposure time - 96 hours; species - Pimephales promelas.
EC50: 421 micrograms/l; exposure time - 48 hours; species - Daphnia magna.

Isopropyl Alcohol (67-63-0) LC50 (Fathead Minnow) 64,000 mg/l 96 hrs.

BIODEGRADABILITY: This product is biodegradable.

BIOACCUMULATION: This product is not expected to bioaccumulate.

SOIL MOBILITY: This product is mobile in soil.

OTHER ECOLOGICAL HAZARDS: None Known.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations.

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

SECTION 14 - TRANSPORT INFORMATION

DOT PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKAGING GROUP: N/A

AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

SHIPPING BY WATER: VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

ENVIRONMENTAL HAZARDS WATER: N/A

SECTION 15 - REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None

SARA 311/312 HAZARD CATEGORIES: Fire Hazard

SARA 313 REPORTABLE INGREDIENTS: None

STATE REGULATIONS: California Proposition 65: None

INTERNATIONAL REGULATIONS: All components are listed or exempted.

NFPA HEALTH:	1	HMIS HEALTH:	1
NFPA FLAMMABILITY:	2	HMIS FLAMMABILITY:	2
NFPA REACTIVITY:	1	HMIS REACTIVITY:	1
NFPA OTHER:	None	HMIS PROTECTION:	B

SECTION 16 - OTHER INFORMATION

DATE PREPARED: 06/10/2013

REVISION DATE: 04/16/2015

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

Prepared by: Regulatory Affairs

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