

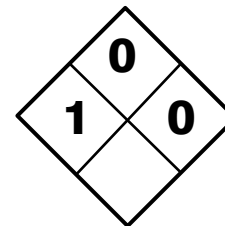
# SAFETY DATA SHEET

Turf Fuel Vanquish Tablets

Date: 05/01/17

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME** Turf Fuel Vanquish Tablets  
**DISTRIBUTOR** Residex, LLC  
**ADDRESS** 15415 Marquardt Ave • Santa Fe Springs, CA 90670  
**EMERGENCY INFOTRAC PHONE** US 1-800-535-5053 / **International** 1-352-323-3500  
**CHEMICAL NAME** Polyhydroxyethyl alkoxy alkylene oxides  
**CHEMICAL FAMILY** Mixture  
**CHEMICAL FORMULA** Granular  
**PRODUCT USE** Concentrated Wetting/Penetrating Agent  
**SECTION 1 NOTES** None



## SECTION 2: HAZARDOUS INGREDIENTS

### GHS Ratings:

#### Toxicity Categories

Skin corrosion/ irritation Category 2  
Serious eye damage/ eye irritation Category 2

### GHS PRECAUTIONS

P102 Keep out of reach of children.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear protective gloves/protective clothing/eye protection/face protection  
P103 Read label before use.  
P261 Avoid breathing dust/fume/gas/mist/vapor/spray.  
P264 Wash hands thoroughly after handling.



**Signal Word:** Warning

P403+P233

### GHS HAZARDS

H315 Causes skin irritation  
H319 Causes eye irritation

### RESPONSE STATEMENTS

P301 + P312 IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell.  
P302 + P352 IF ON SKIN: wash with plenty of soap and water.  
IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing  
P337 + P313 IF eye irritation persists: Get medical advice/attention.  
P332 + P313 IF SKIN irritation occurs: Get medical advice/attention.  
P362 Take off contaminated clothing and wash before reuse.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy.

### Hazards Not otherwise classified

None

## SECTION 3: HAZARDS IDENTIFICATION

INGREDIENT	CAS NO.	% WT
Polyhydroxyethyl alkoxy alkylene oxides	Proprietary	10.00%
Other ingredients	Proprietary	90.00%

Product does not contain any pesticides or pest control agents.

### CARCINOGENICITY

OSHA No ACGIH: No NTP: No IARC: No OTHER: No

## SECTION 4: FIRST AID MEASURES

**Have the product container with you when calling a poison control center or doctor, or going for treatment.**

- EYE CONTACT -** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
- SKIN CONTACT -** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
- INGESTION -** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
- INHALATION -** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferable by mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:**

**SECTION 4 NOTES:** Get medical attention if symptoms occur.

**SECTION 5: FIRE FIGHTING MEASURES**

**NFPA HAZARD CLASSIFICATION:**

  1   HEALTH  
  0   FLAMMABILITY  
  0   REACTIVITY  
      OTHER

**Hazard Scale**

  0   Least  
  1   Slight  
  2   Moderate  
  3   High  
  4   Severe

**HMIS HAZARD RATING:**

  1   HEALTH  
  0   FLAMMABILITY  
  0   REACTIVITY  
  B   OTHER  
      PPE

- IN CASE OF FIRE:** Use medium appropriate to surrounding fire. Dry chemical, carbon dioxide, foam, water spray or fog.
- SPECIAL FIRE FIGHTING PROCEDURES:** Self-contained breathing apparatus and full protective gear should be worn in fighting large fires involving chemicals.
- UNUSUAL FIRE AND EXPLOSION HAZARDS:** During a fire, hazardous by-products can be released.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon from burning.

**SECTION 5 NOTES:** Use water spray to keep fire exposed containers cool. Keep people away. Isolate fire and deny unnecessary entry.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**ACCIDENTAL RELEASE MEASURES:** STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Wear appropriate personal protective equipment (refer to Section 8). Control and contain the leak. Pick up the material with absorbent and place in a container for proper disposal in accordance with local, state and federal regulations. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Do not allow to enter drains, sewers, or watercourses.

**SECTION 6 NOTES:** CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

**SECTION 7: HANDLING AND STORAGE**

**HANDLING:** Wash hands before eating, drinking, using tobacco or using the toilet. Remove clothing if product is spilled or gets inside. Avoid inhalation of dusts, vapors / spray and contact with eyes, skin and clothing. Do not breathe mists or vapor. Then wash thoroughly and put on clean clothing.

**STORAGE:** Store in a cool, dry place. Store in original container. Keep container tightly closed. Do not contaminate water, food or feed by storage or disposal.

**SECTION 7 NOTES:** Keep out of reach of children.

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

Contains no substances with occupational exposure limit values.

**VENTILATION:** Work in well-ventilated area. Local exhaust may be required if working in confined space.

**RESPIRATORY PROTECTION:** Respiratory protection is not necessary.

**EYE PROTECTION:** Chemical goggles or shielded safety glasses, if required by job.

**SKIN PROTECTION:** Wear long-sleeved shirt and long pants, socks, shoes, and gloves. Wear impervious rubber or chemical-resistant gloves, if required by job.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** None

**WORK HYGIENIC PRACTICES:** Wash thoroughly with soap and water after handling product and before eating, drinking, or using tobacco products. Clean affected clothing, shoes, and protective equipment before reuse.

**EXPOSURE GUIDELINES:** OSHA PEL 8 hr TWA Not established      ACGIH TLV-TWA Not established

**SECTION 8 NOTES:** None

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE:</b>	Brown to buff. Granular.	<b>FLAMMABLE LIMITS IN AIR (% BY VOLUME) UPPER:</b>	No data available.
		<b>LOWER:</b>	No data available.
<b>ODOR:</b>	None.	<b>VAPOR PRESSURE (mmHg): @</b>	F: No data available. C: No data available.
<b>ODOR THRESHOLD:</b>	No data available.		
<b>PHYSICAL STATE:</b>	Solid		
<b>pH AS SUPPLIED:</b>	6.5 (±2.5% solution)	<b>VAPOR DENSITY (AIR = 1): @</b>	F: No data available. C: No data available.
<b>pH (Other):</b>			
<b>INITIAL BOILING POINT:</b>	F: No data available. C: No data available.	<b>RELATIVE DENSITY: (Specific Gravity)</b>	0.6087 g/ml
		<b>BULK DENSITY</b>	38 lbs./ft3. / 608.7 kg/m3
<b>BOILING POINT RANGE:</b>	F: No data available. C: No data available.	<b>EVAPORATION RATE:</b>	No data available.
		<b>BASIS (butyl acetate=1):</b>	
<b>MELTING POINT:</b>	F: No data available. C: No data available.	<b>SOLUBILITY IN WATER:</b>	Negligible.
<b>FREEZING POINT:</b>	F: No data available. C: No data available.	<b>PARTITION COEFFICIENT: (n-octanol/water):</b>	No data available.
		<b>AUTO-IGNITION TEMPERATURE:</b>	F: No data available.
<b>FLASH POINT:</b>	F: No data available. C: No data available.	<b>DECOMPOSITION TEMPERATURE:</b>	C: No data available.
<b>METHOD USED:</b>	No data available.	<b>VISCOSITY: @</b>	F: No data available. C: No data available.
<b>FLAMMABILITY (solid, gas):</b>	Non-Flammable		

**SECTION 9 NOTES:**

Note: Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

**SECTION 10: STABILITY AND REACTIVITY**

**STABILITY:** Stable   X        Unstable       

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

**INCOMPATIBILITY (MATERIAL TO AVOID):** Strong oxidizers, strong acids and bases at high temperatures.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Oxides of carbon from burning.

**HAZARDOUS POLYMERIZATION:** No reactions known under normal use conditions. Will not polymerize.

**CONDITIONS TO AVOID (POLYMERIZATION):** No reactions known under normal use conditions. Will not polymerize.

**SECTION 10 NOTES:** None

**SECTION 11: TOXICOLOGICAL INFORMATION**

<b>TOXICOLOGICAL INFORMATION:</b>		Acute Oral LD50(rat): No data available	Acute Dermal LD50 (rabbit): No data available
<b>MIXTURE TOXICITY</b>	No data available	Eye Irritation rabbit: Irritating.	Skin Irritation(rabbit) Irritating.
<b>COMPONENT TOXICITY</b>	No data available	Inhalation LC50(rat): Not known	Skin Sensitization (guinea pig): Sensitizer
<b>SECTION 11 NOTES:</b>	None	Carcinogenic Potential: None listed in OSHA, NTP, IARC, or ACGIH	

**SECTION 12: ECOLOGICAL INFORMATION**

**ECOLOGICAL INFORMATION:** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**ECOTOXICITY:** No data available  
**BIOACCUMULATIVE POTENTIAL:** No data available  
**MOBILITY IN SOIL:** No data available  
**OTHER ADVERSE EFFECTS:** No data available  
**SECTION 12 NOTES:** Drift or runoff may adversely affect non-target plants. Do not apply directly to water. Do not contaminate water when disposing of equipment wash water. Do not apply when weather conditions favor drift from

**SECTION 13: DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL METHOD:** Completely empty bag into application equipment.  
**CONTAINER DISPOSAL:** Dispose of empty bag in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.  
**RCRA HAZARD CLASS:** Not listed  
**SECTION 13 NOTES:** Do not contaminate water, food or feed by storage or disposal.

**SECTION 14: TRANSPORT INFORMATION**

**U.S. DEPARTMENT OF TRANSPORTATION**

**DOT Shipping Description:** Not regulated.  
**U.S. Surface Freight Classification:** Adhesives, Adjuvants, Spreaders Or Stickers (NMFC 4610; CLASS: 60) Consult appropriate ICAO/IATA and IMDG regulations for shipment requirements in the Air and Maritime shipping modes.  
**OTHER AGENCIES:** None

**SECTION 15: REGULATORY INFORMATION**

**U.S. FEDERAL REGULATIONS** Mixture not listed  
**TSCA (TOXIC SUBSTANCE CONTROL ACT):** Not Regulated  
**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** Not Regulated  
**SARA TITLE III (SUPERFUND AMENDMENTS AND 311/312 HAZARD CATEGORIES)**

Acute Health Hazard	<u>YES</u>
Chronic Health Hazard	<u>NO</u>
Fire Hazard	<u>NO</u>
Sudden Release of Pressure Hazard	<u>NO</u>
Reactive Hazard	<u>NO</u>

  
**313 REPORTABLE INGREDIENTS:** Not listed  
**INTERNATIONAL REGULATIONS:** None  
**CA Proposition 65: WARNING:** This product does not contains chemicals known to State of California to cause cancer or birth defects or other reproductive harm.  
**SECTION 15 NOTES:** None

**SECTION 16: OTHER INFORMATION**

**OTHER INFORMATION:** Replaces Issue: 09/01/2016

PREPARED BY: Registrations and Regulatory Affairs

REVIEWED BY: Environmental/ Regulatory Services

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