

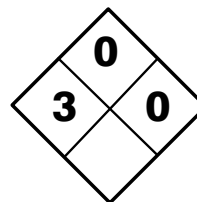
# SAFETY DATA SHEET

Turf Fuel Tergo Pigment Cleaner

Date: 06/05/17

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME** Turf Fuel Tergo Pigment Cleaner  
**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** Dihydroxyphosphine oxide  
**CHEMICAL FAMILY** Organic and Inorganic Acids  
**CHEMICAL FORMULA** Liquid  
**PRODUCT USE** Pigment/Tank/Surface Cleaner  
**SECTION 1 NOTES** None



### GHS Ratings:

#### Toxicity Categories

Skin corrosion/ irritation Category 1B  
Serious eye damage/ eye irritation Category 1 B  
May be harmful if inhaled. Category 5  
Acute Toxicity Category 5



**Signal Word:** **Danger**

### GHS HAZARDS

H314 Causes severe skin burns and eye damage  
H318 Causes serious eye damage  
H335 May cause respiratory irritation.  
H333 May be harmful if inhaled  
H303 May be harmful if swallowed

### Hazards Not otherwise classified

None

### GHS PRECAUTIONS

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P103 Read label before use.  
P260 Do not breathe dust/fume/gas/mist/vapor/spray.  
P264 Wash hands thoroughly after handling.

### RESPONSE STATEMENTS

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off Immediately all contaminated clothing. Rinse SKIN with water/shower.  
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy.  
P310 Immediately call a POISON CENTER or doctor/physician.  
P321 Specific treatment is urgent (see Section 4 on this label).  
P363 Wash contaminated clothing before reuse.  
P405 Store locked up.  
P501 Dispose of contents/container to Local, State and Federal Regulations.

## SECTION 3: HAZARDS IDENTIFICATION

INGREDIENT	CAS NO.	% WT
Organic and Inorganic Acids / Detergents and Surfactants	Mixture	35.00%
Other Ingredients	Mixture	65.00%

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 eyes 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 eyes. 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 -** Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Have person sip a glass of water if able to swallow. 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, preferably by mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

### NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

**SECTION 4 NOTES:** FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: INFOTRAC 1-800-535-5053. Have the product label with you when calling a poison control center or doctor, or going for treatment. All treatments should be based on observed signs and symptoms of distress in the patient.

## SECTION 5: FIRE FIGHTING MEASURES

### NFPA HAZARD CLASSIFICATION:

<u>3</u>	HEALTH
<u>0</u>	FLAMMABILITY
<u>0</u>	REACTIVITY
<u>    </u>	OTHER

### Hazard Scale

<u>0</u>	Least
<u>1</u>	Slight
<u>2</u>	Moderate
<u>3</u>	High
<u>4</u>	Severe

### HMIS HAZARD RATING:

<u>3</u>	HEALTH
<u>0</u>	FLAMMABILITY
<u>0</u>	REACTIVITY
<u>    </u>	OTHER
<u>    </u>	PPE

- IN CASE OF FIRE:** Use medium appropriate to surrounding fire. Dry chemical, water spray, water fog, CO<sub>2</sub>, foam, sand or earth.
- SPECIAL FIRE FIGHTING PROCEDURES:** Wear positive pressure, self-contained breathing apparatus and full protective clothing. Avoid smoke inhalation. Contain any liquid runoff.
- UNUSUAL FIRE AND EXPLOSION HAZARDS:** Toxic fumes may be emitted in a fire situation. Normal combustion forms carbon dioxide, water vapor and may produce oxides of carbon, nitrogen and phosphorous.
- HAZARDOUS DECOMPOSITION PRODUCTS:** No specific explosion hazards are identified or expected. Always fight fire with the implication that other volatile substances may be present.
- SECTION 5 NOTES:** Evacuate area and fight fire upwind a safe distance to avoid hazardous vapors and decomposition products. Fire exposed containers can build up pressure and should be kept cool with water spray if possible.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

- ACCIDENTAL RELEASE MEASURES:** **SMALL SPILL:** Immediately pick up spilled liquid with absorbent material and sweep up for disposal. Place it and damaged unusable containers in a landfill appropriate for non hazardous chemical waste. Wash the contaminated area with detergent and soap solution. Check local, state, and federal regulations for proper disposal. **LARGE SPILL:** Immediately dike around the spill area to prevent spreading. Pick up spilled material with suitable absorbent material and place in appropriate container for disposal. Scrub the contaminated area with a detergent or soap solution. Place it and unusable containers in a landfill appropriate for non hazardous chemical waste. Check local, state, and federal regulations for proper disposal.
- SECTION 6 NOTES:** **ENVIRONMENTAL PRECAUTIONS: WATER SPILL:** Do not contaminate any body of water. **LAND SPILL:** Avoid runoff onto any adjacent land.

## SECTION 7: HANDLING AND STORAGE

- HANDLING:** Wash hands after handling, before eating, drinking, chewing gum, using tobacco, or using the toilet. Avoid contact with eyes and contact with skin. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.
- STORAGE:** Store in a cool, dry place away from children and animals. Store this product locked up. Mix well before using. Keep tightly closed. Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

**SECTION 7 NOTES:** After using this product remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

- VENTILATION:** When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.
- RESPIRATORY PROTECTION:** Work in a well ventilated area; exposure to airborne contaminants is not expected to cause concern. If

ventilation is inadequate, a respirator is recommended to protect against spray mist.

**EYE PROTECTION:** Wear chemical goggles or shielded safety glasses (ANSI Z87.1 or approved equivalent) when handling and mixing product. Contact lenses should not be worn when working with chemicals.

**SKIN PROTECTION:** Wear chemical resistant gloves such as Viton or barrier laminate, Coveralls over long-sleeved shirt, long pants and chemical resistant footwear plus socks. Chemical resistant headgear for overhead exposure. When exposed to product concentrate, wear a chemical resistant apron. Always refer to the label of the pesticide(s) in the tank mix and follow the most restrictive requirements.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Eye protection, long sleeved shirt and long pants, shoes plus socks and chemical resistant gloves. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**WORK HYGIENIC PRACTICES:** Avoid contact with skin, eyes, and clothing. Avoid breathing vapors. Wash thoroughly after handling product. Eye wash fountains and drench showers should be located within 100 feet or a 10 second walk from the work area per ANSI Z358.1-1990

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

**SECTION 8 NOTES:** If exposer occurs, see section 4 for acute exposure first aid.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE:</b>	Clear liquid.	<b>FLAMMABLE LIMITS IN AIR UPPER: (% BY VOLUME)</b>	Not available
		<b>LOWER:</b>	Not available
<b>ODOR:</b>	Soapy	<b>VAPOR PRESSURE (mmHg):@</b>	F: Not available
<b>ODOR THRESHOLD:</b>	Not known		C: Not available
<b>PHYSICAL STATE:</b>	Liquid		
<b>pH AS SUPPLIED:</b>	<1	<b>VAPOR DENSITY (AIR = 1):@</b>	F: Not available
<b>pH (Other):</b>	Not available		C: Not available
<b>INITIAL BOILING POINT:</b>	F: Not available C: Not available	<b>RELATIVE DENSITY: (Specific Gravity)</b>	1.14 g/ml
		<b>BULK DENSITY</b>	9.5 lbs / gal
<b>BOILING POINT RANGE:</b>	F: Not available C: Not available	<b>EVAPORATION RATE:</b>	Not established
		<b>BASIS (butyl acetate=1):</b>	
<b>MELTING POINT:</b>	F: Not available C: Not available	<b>SOLUBILITY IN WATER:</b>	Soluble
		<b>PARTITION COEFFICIENT:</b>	Not available
<b>FREEZING POINT:</b>	F: Not available C: Not available	<b>(n-octanol/water):</b>	
		<b>AUTO-IGNITION TEMPERATURE:</b>	F: Not available
<b>FLASH POINT:</b>	F: Does not flash. C: Does not flash.	<b>DECOMPOSITION TEMPERATURE:</b>	C: Not available
		<b>VISCOSITY:@</b>	F: Not available C: Not available
<b>METHOD USED:</b>	Not available		
<b>FLAMMABILITY (solid, gas):</b>	Non-Flammable		

**SECTION 9 NOTES:**

Note:

**SECTION 10: STABILITY AND REACTIVITY**

**STABILITY:**                      Stable      X                        Unstable          

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

**INCOMPATIBILITY (MATERIAL TO AVOID):** Not available

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** No

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID (POLYMERIZATION):** Not available

**SECTION 10 NOTES:** None

**SECTION 11: TOXICOLOGICAL INFORMATION**

<b>TOXICOLOGICAL INFORMATION:</b>	Not available	Acute Oral LD50(rat):	Not established
		Acute Dermal LD50 (rabbit):	Not established
<b>MIXTURE TOXICITY</b>	Not available	Eye Irritation (rabbit):	Not established
		Skin Irritation (rabbit):	Not established
		Inhalation LC50(rat):	Not known
<b>COMPONENT TOXICITY</b>		Skin Sensitization (guinea pig):	Not established
		Carcinogenic Potential:	None listed in OSHA, NTP, IARC, or ACGIH
	Not available		
<b>SECTION 11 NOTES:</b>	These physical data are typical values based on material tested but may vary from sample to		

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

## SECTION 12: ECOLOGICAL INFORMATION

**ECOLOGICAL INFORMATION:** Do not use near water. Not for aquatic use.

**ECOTOXICITY:** Not available

**BIOACCUMULATIVE POTENTIAL:** Not available

**MOBILITY IN SOIL:** Product is biodegradable and readily absorbed into soil.

**OTHER ADVERSE EFFECTS:** Not available

**SECTION 12 NOTES:** None

## SECTION 13: DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** Wastes may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent), adding rinse water to spray tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by appropriate authorities. Recycling decontaminated containers is the best option of container disposal. The (ACRC) operates the national recycling program. To contact your state and local ACRC recycler visit the ACRC web page at <http://www.acrecycle.org/>.

**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:** UN 1760, Corrosive Liquids, n.o.s (Contains phosphorous acid), 8, pg III, Limited Quantities, ERG# 151, §173.154(b) IF inner packaging is less than 66 lbs(30kg) then Limited Quantity label must be placed on shipping container.

**U.S. Surface Freight Classification:** NMFC 68140, Sub 6

**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>Yes</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: 05/01/17

PREPARED BY: Registrations and Regulatory Affairs

REVIEWED BY: Environmental/ Regulatory Services

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