

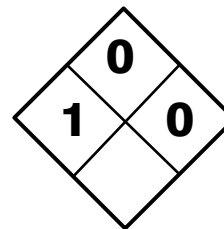
SAFETY DATA SHEET

Turf Fuel Aquanox Soil Surfactant

Date: 05/01/17

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME Turf Fuel Aquanox Soil Surfactant
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 Blend of Polyhydroxyethyl alkoxy alkylen oxides Surfactant
CHEMICAL FAMILY Mixture
CHEMICAL FORMULA Adjuvant
PRODUCT USE None
SECTION 1 NOTES



SECTION 2: HAZARDOUS INGREDIENTS

GHS Ratings:

Toxicity Categories

Skin corrosion/ irritation, Category 2
Serious eye damage/ eye irritation, Category 2A
Hazardous to the aquatic environment, chronic hazard, Category 3

GHS PRECAUTIONS

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
P264 Wash hands, face and other affected areas thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.



Signal Word:

GHS HAZARDS

H315 Causes skin irritation
H319 Causes serious eye irritation
H412 Harmful to aquatic life with long lasting effects

RESPONSE STATEMENTS

P302 + P352 IF ON SKIN: wash with plenty of soap and water.
P321 Specific treatment is urgent (see Section 4 on this label).
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.
P337 + P313 IF eye irritation persists: Get medical advice/attention.

Storage and Disposal

P501 Dispose of contents/container to Local, State and Federal Regulations.

SECTION 3: HAZARDS IDENTIFICATION

INGREDIENT	CAS NO.	% WT
Blend of Polyhydroxyethyl alkoxy alkylen oxides	Mixture	15.00%
Alkylpolyoxyethylene	Mixture	15.00%
Waters and other inerts	7732-18-5	70.00%

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 several minutes. Remove contact lenses, if present and easy to do so then continue rinsing. Call a poison control center or doctor for further 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. Do not give any liquid to the person. 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: All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

SECTION 4 NOTES: FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: NPCC 1-800-222-1222 or call INFOTRAC 1-800-535-5053. Have the product label with you when calling a poison control center or doctor, or going for treatment.

SECTION 5: FIRE FIGHTING MEASURES

NFPA HAZARD CLASSIFICATION:

1	HEALTH
0	FLAMMABILITY
0	REACTIVITY
0	OTHER

Hazard Scale

0	Least
1	Slight
2	Moderate
3	High
4	Severe

HMIS HAZARD RATING:

1	HEALTH
0	FLAMMABILITY
0	REACTIVITY
0	OTHER
H	PPE

- IN CASE OF FIRE:** Use medium appropriate to surrounding fire. Dry chemical, carbon dioxide, foam, water spray or fog.
- SPECIAL FIRE FIGHTING PROCEDURES:** 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. Explosive vapor could form from ruptured containers. Dike and collect water used to fight fire to prevent environmental damage due to runoff. Foam or dry chemical fire extinguishing systems are preferred to prevent environmental damage from excessive water runoff.
- UNUSUAL FIRE AND EXPLOSION HAZARDS:** Toxic fumes may be emitted in a fire situation.

HAZARDOUS DECOMPOSITION PRODUCTS: Normal combustion forms carbon dioxide, water vapor and may produce oxides of carbon, nitrogen and phosphorous.

SECTION 5 NOTES: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: SMALL SPILL: 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. Check local, state, and federal regulations for proper disposal. LARGE SPILL: 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: CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

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 well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

SECTION 7 NOTES: None

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: Proper ventilation is required when handling or using this product to keep exposure to airborne

contaminants below the exposure limit. Wear a NIOSH/MSHA approved dust mask or filter when vapors are expected to be generated above the permissible limit.

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:

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

APPEARANCE:

Clear liquid

**FLAMMABLE LIMITS IN AIR UPPER:
(% BY VOLUME) LOWER:**

Not established
Not established

ODOR:

Mild odor

VAPOR PRESSURE (mmHg):@

F: Not established

ODOR THRESHOLD:

Not known

C: Not established

PHYSICAL STATE:

Liquid

pH AS SUPPLIED:

Not Established

VAPOR DENSITY (AIR = 1):@

F: Not established

pH (Other):

Not Established

C: Not established

INITIAL BOILING POINT:

F: Not Established
C: Not Established

**RELATIVE DENSITY: (Specific Gravity)
BULK DENSITY**

1.036 g/ml
8.65 lbs / gal

BOILING POINT RANGE:

F: Not Established
C: Not Established

**EVAPORATION RATE:
BASIS (butyl acetate=1):**

Not established

MELTING POINT:

F: Not Established
C: Not Established

SOLUBILITY IN WATER:

Soluble

FREEZING POINT:

F: Not Established
C: Not Established

**PARTITION COEFFICIENT:
(n-octanol/water):**

Not established

FLASH POINT:

F: Not Established
C: Not Established

AUTO-IGNITION TEMPERATURE:

F: Not established

DECOMPOSITION TEMPERATURE:

C: Not established

VISCOSITY:@

F: Not established
C: Not established

METHOD USED:

Not established

FLAMMABILITY (solid, gas):

Not applicable

SECTION 9 NOTES:

Note: Note: 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 10: STABILITY AND REACTIVITY

STABILITY:

Stable X Unstable

CONDITIONS TO AVOID (STABILITY):

Avoid extremely high heat or open flame directly applied.

INCOMPATIBILITY (MATERIAL TO AVOID):

Strong acids, strong oxidizing agents, aluminum, amines, caustics, inorganic acids and bases

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

Not established

HAZARDOUS POLYMERIZATION:

Will not occur

CONDITIONS TO AVOID (POLYMERIZATION):

None known

SECTION 10 NOTES:

None

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

Not established

Acute Oral LD50(rat):

Not established

MIXTURE TOXICITY

Not established

Acute Dermal LD50 (rabbit):

Not established

Eye Irritation (rabbit):

Not established

Skin Irritation (rabbit):

Not established

Inhalation LC50(rat):

Not established

Skin Sensitization (guinea pig):

Not established

COMPONENT TOXICITY

Not established

Carcinogenic Potential:

Not established

SECTION 11 NOTES:

None

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:	This product contains chemicals that may be harmful to the aquatic environment with long lasting effects. Ecotoxicity information for this product is not available.
ECOTOXICITY:	Not available
BIOACCUMULATIVE POTENTIAL:	Oxidation and microorganisms.
MOBILITY IN SOIL:	Not available
OTHER ADVERSE EFFECTS:	None
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. Do not reuse product containers.
CONTAINER DISPOSAL:	Do not reuse product containers. Triple rinse (or equivalent), then offer for recycling at an ACRC site (go to http://www.acrecycle.org/ for locations) or by reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by local, state, and federal regulations.
RCRA HAZARD CLASS:	Not listed
SECTION 13 NOTES:	None

SECTION 14: TRANSPORT INFORMATION**U.S. DEPARTMENT OF TRANSPORTATION**

DOT Shipping Description:	Not regulated by US DOT
U.S. Surface Freight Classification:	Cleaning Compound, NOI, Liquid, (NMFC 48580 SUB 3; 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):	Mixture not listed
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):	Not Regulated
SARA TITLE III (SUPERFUND AMENDMENTS AND	Not Regulated
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 from 09/20/2016
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PREPARED BY: Registrations and Regulatory Affairs

REVIEWED BY: Environmental/ Regulatory Services

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