

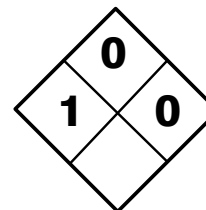
SAFETY DATA SHEET

Turf Fuel RespoFuel

Date: 05/01/17

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME Turf Fuel RespoFuel
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 Inorganic/Organic Chemical Fertilizer Mixture Micronutrient
CHEMICAL FAMILY Solution
CHEMICAL FORMULA Liquid
PRODUCT USE Fertilizer
SECTION 1 NOTES None



SECTION 2: HAZARDOUS INGREDIENTS

GHS Ratings:

Toxicity Categories

Skin corrosion/ irritation Category 2A
Serious eye damage/ eye irritation Category 2A
May cause respiratory irritation. Category 3

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.
P273 Avoid release to the environment.
Store in a well-ventilated place. Keep container tightly closed.



Signal Word: Warning

GHS HAZARDS

H315 Causes skin irritation
H318 Causes serious eye damage
H335 May cause respiratory 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.
P304 + P340 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
Calcium (Ca)	29039-00-7	8.00%
Copper (Cu)	7758-98-7	0.15%

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 - Flush eyes with plenty of running water. Get medical attention if irritation persists.

SKIN CONTACT - Wash with plenty of soap and water. Remove contaminated clothing and shoes. Get medical attention if irritation persists.

INGESTION - Call of Poison Control Center or physician immediately. Drink 2 glasses of milk or water to dilute. DO NOT induce vomiting unless directed by medical personnel. Do not give anything by mouth to an unconscious person.

INHALATION - Remove product or move person to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth and get medical attention.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

SECTION 4 NOTES: None

SECTION 5: FIRE FIGHTING MEASURES

NFPA HAZARD CLASSIFICATION:

<u>1</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>1</u>	HEALTH
<u>0</u>	FLAMMABILIT
<u>0</u>	REACTIVITY
<u>0</u>	OTHER
<u>H</u>	PPE

IN CASE OF FIRE:

Use medium appropriate to surrounding fire. Dry chemical, carbon dioxide, foam, water spray or fog.

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: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Vapors are non-toxic and non-irritant

SECTION 5 NOTES:

None

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

Ventilate area. Stop leak, contain spill and absorb with soil or natural absorbents. Liquid is corrosive. Ensure pumping equipment is 316 stainless steel. Sweep up waste and place in container for disposal. Keep spills and rinsate out of municipal sewers and open bodies of water. Uncontaminated spilled material may be reused.

SECTION 6 NOTES:

None

SECTION 7: HANDLING AND STORAGE

HANDLING:

Avoid inhalation of mists, vapors/spray, and contact with eyes, skin and clothing. Wear personal protective equipment. Do not use in areas without adequate ventilation. Avoid prolonged exposure. Wash thoroughly after handling. Do not empty into drains. Handle and open container with care. Wash before eating, drinking, or smoking.

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: After using this product remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

VENTILATION:

Not normally required.

RESPIRATORY PROTECTION: Not normally required.

EYE PROTECTION:

Chemical dust/splash goggles or full-face shield to prevent eye contact. As a general rule, do not wear

SKIN PROTECTION: contact lenses when handling.
Impervious gloves and clothes.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: If use generates an aerosol mist or respiratory irritation, use NIOSH-approved dust/mist respirator.

WORK HYGIENIC PRACTICES: Keep out of reach of children. Harmful if swallowed. Avoid breathing spray mists or vapors. Avoid contamination of feed or foodstuffs.

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

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Dark brown-colored clear liquid	FLAMMABLE LIMITS IN AIR (% BY VOLUME) UPPER:	Not established
		LOWER:	Not established
ODOR:	Slightly sweet odor	VAPOR PRESSURE (mmHg): @	F: Not established C: Not established
ODOR THRESHOLD:			
PHYSICAL STATE:	Liquid		
pH AS SUPPLIED:	4.6	VAPOR DENSITY (AIR = 1): @	F: Not established C: Not established
pH (Other):	Not available		
INITIAL BOILING POINT:	F: 212 C: 100	RELATIVE DENSITY: (Specific Gravity) BULK DENSITY	1.27 10.6
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:	Completely miscible
		PARTITION COEFFICIENT: (n-octanol/water):	Not established
FREEZING POINT:	F: Not established C: Not established	AUTO-IGNITION TEMPERATURE:	F: Not established
FLASH POINT:	F: Not established C: Not established	DECOMPOSITION TEMPERATURE:	C: Not established
		VISCOSITY: @	F: Not established C: Not established
METHOD USED:	Not established		
FLAMMABILITY (solid, gas):	Not established		

SECTION 9 NOTES:

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): None known.

INCOMPATIBILITY (MATERIAL TO AVOID): Strong bases and oxidizing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: CO, CO₂, NH₃, Aldehydes (including Formaldehyde), particulate matter and other organic compound.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID (POLYMERIZATION): Not available

SECTION 10 NOTES: None

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:	Not established	Acute Oral LD50(rat): Not established	Acute Dermal LD50 (rabbit): Not established
MIXTURE TOXICITY	Not established	Eye Irritation (rabbit): No corneal or iridal effects were noted at a dose of 0.1ml for	Skin Irritation (rabbit) Moderate irritation, reversible within 7 days
COMPONENT TOXICITY	Not established	Inhalation LC50(rat): Not known	Skin Sensitization (guinea pig): Not established
SECTION 11 NOTES:	None	Carcinogenic Potential: None listed in OSHA, NTP, IARC, or ACGIH	

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Do not use near water. Not for aquatic use. Do not contaminate water when cleaning equipment or disposing of equipment wash waters.

ECOTOXICITY: Not available
BIOACCUMULATIVE POTENTIAL: Not available
MOBILITY IN SOIL: Not available
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: Not regulated.
U.S. Surface Freight Classification: Fertilizing Compounds (Manufactured Fertilizers), N.O.I., Liquid, (NMFC 68140, Sub 5: Class 50).
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 YES
Chronic Health Hazard NO
Fire Hazard NO
Sudden Release of Pressure Hazard NO
Reactive Hazard NO
313 REPORTABLE INGREDIENTS: Not listed
INTERNATIONAL REGULATIONS: None
CA Proposition 65: WARNING: This product 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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