

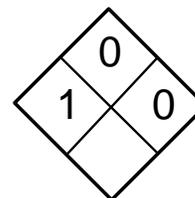
SAFETY DATA SHEET

TG Pro Micros

Date: 07/19/17

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME TG Pro Micros
DISTRIBUTOR Residex, LLC
ADDRESS 46495 Humboldt Drive • Novi, MI 48377-2446
EMERGENCY INFOTRAC PHONE US 1-800-535-5053 / **International** 1-352-323-3500
CHEMICAL NAME Inorganic/Organic Chemical Fertilizer Mixture
CHEMICAL FAMILY Mixed liquid blended micronutrient fertilizer
CHEMICAL FORMULA Liquid
PRODUCT USE Fertilizer
SECTION 1 NOTES None



SECTION 2: HAZARDOUS INGREDIENTS

GHS Ratings:

Toxicity Categories

Skin corrosion / irritation Category 2
Serious eye damage/ eye irritation Category 2
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.
Wash hands thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.



Signal Word: Warning

GHS HAZARDS

H313 May be harmful in contact with skin
H320 Causes eye irritation
H335 May cause respiratory irritation.
H290 May be corrosive to metals

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.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

Hazards Not otherwise classified

SECTION 3: HAZARDS IDENTIFICATION

INGREDIENT	CAS NO.	% WT
Magnesium sulfate	7487-88-9	1.50%
Manganese sulfate	10034-96-5	0.75%
Ferrous sulfate	7720-78-7	350.00%
Citric Acid	77-92-9	1.00%
Boric acid	52869-79-1	0.02%

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 -** IF IN EYES: Flush eyes with clean running water for at least 15 minutes. If irritation persists, get medical attention.
- SKIN CONTACT -** IF ON SKIN: Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists, or if rash develops, get medical attention.
- INGESTION -** IF SWALLOWED: If conscious, drink 1 or 2 glasses of water. Get medical attention. Never induce vomiting or give anything by mouth to an unconscious person
- INHALATION -** IF INHALED: Remove to fresh air. If irritation persists, get medical attention.

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.

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:** Use water spray to cool containers exposed to fire. Remain upwind. Avoid breathing smoke. Wear self-contained breathing apparatus and full protective gear.
- UNUSUAL FIRE AND EXPLOSION HAZARDS:** None known.

HAZARDOUS DECOMPOSITION PRODUCTS: May include but not limited to oxides of carbon, hydrogen chloride, hydrogen fluoride, oxides of nitrogen, ammonia, oxides of phosphorus, oxides of sulfur, hydrogen sulfide.

SECTION 5 NOTES: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Avoid breathing mists. Absorb and sweep up spills immediately and transfer to suitable containers for possible land application according to label use or disposal. 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: Avoid breathing fertilizer mists. Avoid prolonged or repeated skin contact. Avoid eye contact. Wash hands thoroughly after using this product and before eating, drinking, chewing gum, using tobacco or using the toilet.

STORAGE: Store in original containers only. Keep containers tightly closed when not in use. Store in a cool, dry well-ventilated area, preferably in a locked storage area away from children, feed, food products, and seed. Store at ambient temperatures. Do not contaminate water, food, or feed or disposal.

SECTION 7 NOTES: None

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 goggles or shielded safety glasses.

SKIN PROTECTION: Wear protective clothing: long-sleeved shirts and pants, hat, rubber boots with socks. Wear rubber or chemical-resistant gloves.

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 ACGIH TLV-TWA
No listings

SECTION 8 NOTES: None

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Dark brown / black liquid	FLAMMABLE LIMITS IN AIR (% BY VOLUME) UPPER:	Not established
		LOWER:	Not established
ODOR:	mildly sweet odor	VAPOR PRESSURE (mmHg): @	F: Not established
ODOR THRESHOLD:	Not established		C: Not established
PHYSICAL STATE:	Liquid		
pH AS SUPPLIED:	2.5-3.0	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)	1.30 g/ml
		BULK DENSITY	10.3 lbs / gallon
BOILING POINT RANGE:	F: Not established C: Not established	EVAPORATION RATE: BASIS (butyl acetate=1):	
MELTING POINT:	F: Not applicable C: Not applicable	SOLUBILITY IN WATER:	Appreciable
		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 applicable C: Not applicable	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): Not known

INCOMPATIBILITY (MATERIAL TO AVOID): Not known

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: SO₂ may evolve at high temperatures

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID (POLYMERIZATION): Not established

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 available	Eye Irritation rabbit:	Not established
		Skin Irritation(rabbit):	Not established
		Inhalation LC50(rat):	Not established
COMPONENT TOXICITY		Skin Sensitization (guinea pig):	Not established
	Not available	Carcinogenic Potential:	None listed in OSHA, NTP, IARC, or ACGIH
SECTION 11 NOTES:	None		

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Drift or runoff may adversely affect non-target plants

ECOTOXICITY: Do not apply directly to water.

BIOACCUMULATIVE POTENTIAL: Not established

MOBILITY IN SOIL: Not established

OTHER ADVERSE EFFECTS: Do not contaminate water when disposing of equipment wash water.

SECTION 12 NOTES: Do not apply when weather conditions favor drift from target area.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Do not reuse container. Rinse container thoroughly, adding rinsate to mixing tank.

CONTAINER DISPOSAL: 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 other procedures approved by State and local authorities.

RCRA HAZARD CLASS: Not listed

SECTION 13 NOTES: Avoid contaminating water by disposal of equipment wash waters or other product wastes.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

DOT Shipping Description: Not regulated by US DOT

U.S. Surface Freight Classification: Fertilizing Compounds (Manufactured Fertilizers), NOI; 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): None

SARA TITLE III (SUPERFUND AMENDMENTS AND None

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: None

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: None

PREPARED BY: Registrations and Regulatory Affairs

REVIEWED BY: Environmental/ Regulatory Services

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