

Material Safety Data Sheet

Effective Date: 20-JAN-2000
Product: TRACITE FOLIAR 20-20-20

I. IDENTIFICATION

Chemical Name: INORGANIC LIQUID FERTILIZER.
Chemical Family: WATER SOLUBLE FERTILIZER.
Formula: NOT APPLICABLE, FORMULATED MIXTURE.
Synonyms: TRACITE 20-20-20 GREENHOUSE
CAS Number: SEE INGREDIENT STATEMENT, SECTION III.
EPA Number: NONE REQUIRED

II. PHYSICAL DATA

Boiling Point: NOT ESTABLISHED
Freezing Point: NOT APPLICABLE
Spec Gravity: NOT ESTABLISHED
Vapor Pressure: NOT APPLICABLE
Vapor Density: NOT APPLICABLE
Solubility: 99%
Volatiles: <0.1%
Evaporation: NOT APPLICABLE
Melting Point: NOT ESTABLISHED
Appearance: BLUE/GREEN SOLID

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
BLEND OF DIAMMONIUM PHOSPHATE, UREA AND POTASSIUM NITRATE FERTILIZER		100.00	15 MG/M3	SKIN & EYE IRRITANT

IV. FIRE AND EXPLOSION HAZARD

Flash Point: NONCOMBUSTIBLE
Autoignition Temp: NOT APPLICABLE
Flammable Limit: NOT APPLICABLE
Extinguishing Media: NONCOMBUSTIBLE SOLID - USE EXTINGUISHING MEDIA
FOR UNDERLYING CAUSE OF FIRE.
Special Fire Fight Proc: USE POSITIVE PRESSURE SELF-CONTAINED BREATHING
APPARATUS WITH FULL PROTECTIVE CLOTHING.
Fire and Expl Hazard: PRODUCT MAY PRODUCE TOXIC FUMES UNDER FIRE
CONDITIONS.

V. HEALTH HAZARD

Carcinogen Information: NONE CURRENTLY KNOWN.

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ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: INGESTION RESULTS IN VOMITING AND ABDOMINAL
CRAMPS.
Skin Absorption: NONE CURRENTLY KNOWN.
Inhalation: NONE CURRENTLY KNOWN.
Skin contact: MAY CAUSE SKIN IRRITATION WITH PROLONG OR
REPEATED EXPOSURE.
Eye Contact: EYE IRRITATION.
Chronic Effects: NONE CURRENTLY KNOWN.
Other Hazard: NONE CURRENTLY KNOWN.

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: GIVE 1 TO 3 GLASSES OF WATER TO DRINK, DO NOT
INDUCE VOMITING. CONSULT A PHYSICIAN
IMMEDIATELY.
Skin: WASH SKIN THOROUGHLY WITH SOAP AND WATER. IF
IRRITATION DEVELOPS, CONSULT A PHYSICIAN.
Inhalation: MOVE TO FRESH AIR. IF BREATHING BECOMES
DIFFICULT, OBTAIN MEDICAL ATTENTION
IMMEDIATELY.
Eyes: FLUSH EYES WITH WATER FOR 15 MINUTES, HOLDING
EYELIDS OPEN. IF IRRITATION DEVELOPS, CONSULT A
PHYSICIAN.
Notes to Physician: IN THE EVENT OF AN ADVERSE RESPONSE, TREATMENT
SHOULD BE DIRECTED TOWARD CONTROL OF THE
SYMPTOMS AND THE CLINICAL CONDITION OF THE
PATIENT. INGESTION MAY RESULT IN CORROSIVE
DAMAGE TO THE DIGESTIVE TRACT.

VI. REACTIVITY

Stability: Stable
Conditions to Avoid: EXCESSIVE HEAT.
Polymerization: Will Not Occur
Conditions to Avoid: NONE CURRENTLY KNOWN.
Incompatibility material: STRONG ACIDS AND ALKALINE MATERIALS.
Hazardous Combustion: NITROGEN OXIDES, OXIDES OF CARBON, AMMONIA GAS,
AND, PHOSPHORIC ACID UNDER FIRE CONDITIONS.

VII. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: SWEEP UP MATERIAL AND REUSE, IF UNCONTAMINATED.
IF CONTAMINATED, TRANSFER MATERIAL TO A
SUITABLE CONTAINER FOR PROPER DISPOSAL. DO NOT
CONTAMINATE WATER SUPPLIES.

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Waste Disposal Method: THIS MATERIAL MUST BE DISPOSED OF ACCORDING TO
FEDERAL, STATE, OR LOCAL PROCEDURES UNDER THE
RESOURCE CONSERVATION AND RECOVERY ACT.

VIII. SPECIAL PROTECTION INFORMATION

Respiration: USE NIOSH/MSHA APPROVED DUST RESPIRATOR.
Ventilation: LOCAL EXHAUST SUFFICIENT.
Gloves: IMPERVIOUS
Eyes: CHEMICAL WORKERS GOGGLES.
Other: EYE WASH STATION, IMPERVIOUS APRON AND
FOOTWEAR.

IX. SPECIAL PRECAUTIONS

Special precaution: KEEP OUT OF REACH OF CHILDREN. DO NOT STORE
WITH FOOD, FEED, OR OTHER MATERIAL TO BE USED
OR CONSUMED BY HUMANS OR ANIMALS. DO NOT
CONTAMINATE WATER SUPPLIES, LAKES, STREAMS, OR
PONDS. PROTECT AGAINST PHYSICAL DAMAGE. STORE IN
COOL, DRY PLACE. SEPERATE FROM COMBUSTIBLE,
ORGANIC OR OTHER READILY OXIDIZABLE MATERIALS.
AVOID STORAGE ON WOOD FLOORS. IMMEDIATELY
REMOVE AND DISPOSE OF ANY SPILLED MATERIAL.
Other precaution: NONE CURRENTLY KNOWN.

X. SHIPPING INFORMATION

Shipping name: NOT REGULATED BY DOT
Hazard Class: NONE
Identification No: NONE
Labels Required: NONE
Placarding: NONE
Freight Class: COMPOUND, FERTILIZER, (MANUFACTURED
FERTILIZER), DRY, NOIBN

Chemical Name	Equivalent R.Q.
----- NOT APPLICABLE	----- NOT APPLICABLE

XI. GENERAL PRODUCT INFORMATION

Helena Chemical Company
PH: 901-761-0050
CHEMTREC: 800-424-9300

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National Fire Protection Association Rating:
(Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

Health: 1 Fire: 0 Reactivity: 0

S.A.R.A. Title III Hazard Classification: (Yes/No)

Immediate (Acute) Health: Y Delayed (Chronic) Health: N
Sudden Release of pressure: N Fire: N
Reactive: N

Mail inquiries to: 225 Schilling Blvd., Suite 300 Collierville, TN 38017
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