

Material Safety Data Sheet

Effective Date: 17-MAY-2000
Product: TRACITE 6% CALCIUM 4-0-0

I. IDENTIFICATION

Chemical Name: FORMULATED MIXTURE
Chemical Family: INORGANIC METAL SALTS
Formula: NA
Synonyms: NONE
CAS Number: 10124-37-5
EPA Number: NONE REQUIRED

II. PHYSICAL DATA

Boiling Point: >100 DEGREES C.
Freezing Point: <25 DEGREES F.
Spec Gravity: 1.215 GMS/CC
Vapor Pressure: NA
Vapor Density: NA
Solubility: 99%
Volatiles: <0.25%
Evaporation: NA
Melting Point: NA
Appearance: BLACK LIQUID, PHENOLIC ODOR.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
PROPRIETARY BLEND OF CALCIUM NITRATE, LIGNIN SULPHONATES, AND WATER		100.00	NOT	OXIDIZER; SKIN & DETERMI EYE IRRITANT NED

IV. FIRE AND EXPLOSION HAZARD

Flash Point: NOT APPLICABLE
Autoignition Temp: NOT APPLICABLE
Flammable Limit: NOT APPLICABLE
Extinguishing Media: NON-COMBUSTIBLE LIQUID. USE EXTINGUISHING MEDIA FOR UNDERLYING CAUSE OF FIRE.
Special Fire Fight Proc: WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT. USE WATER SPRAY TO KEEP FIRE EXPOSED CONTAINERS COOL.
Fire and Expl Hazard: UNDER FIRE CONDITIONS, THIS PRODUCT MAY BEHAVE AS AN OXIDIZER. IN CONTACT WITH OXIDIZABLE SUBSTANCES, IGNITION, VIOLENT COMBUSTION OR EXPLOSION COULD OCCUR.

Material Safety Data Sheet

Effective Date: 17-MAY-2000
Product: TRACITE 6% CALCIUM 4-0-0

V. HEALTH HAZARD

Carcinogen Information: NONE CURRENTLY KNOWN.

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: CAUSES CORROSIVE DAMAGE TO THE DIGESTIVE TRACT.
Skin Absorption: NONE CURRENTLY KNOWN.
Inhalation: NOSE AND THROAT IRRITATION.
Skin contact: SKIN IRRITATION.
Eye Contact: EYE IRRITATION.
Chronic Effects: NONE CURRENTLY KNOWN.
Other Hazard: NONE CURRENTLY KNOWN.

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: IF CONSCIOUS, GIVE MILK OR WATER TO DRINK,
INDUCE VOMITING. OBTAIN MEDICAL ATTENTION IF
IRRITATION DEVELOPS.
Skin: WASH SKIN THOROUGHLY WITH SOAP AND WATER.
OBTAIN MEDICAL ATTENTION IF IRRITATION
DEVELOPS.
Inhalation: MOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION IF
IRRITATION DEVELOPS.
Eyes: FLUSH EYES WITH WATER FOR 15 MINUTES, HOLDING
EYELIDS OPEN. OBTAIN MEDICAL ATTENTION IF
IRRITATION DEVELOPS.
Notes to Physician: IN THE EVENT OF AN ADVERSE RESPONSE, TREATMENT
SHOULD BE DIRECTED TOWARD CONTROL OF THE
SYMPTOMS. INGESTION MAY RESULT IN CORROSIVE
DAMAGE TO THE DIGESTIVE TRACT.

VI. REACTIVITY

Stability: Stable
Conditions to Avoid: NONE CURRENTLY KNOWN.
Polymerization: Will Not Occur
Conditions to Avoid: NONE CURRENTLY KNOWN.
Incompatibility material: AVOID CONTACT WITH OXIDIZABLE MATERIALS; PRODUCT
MAY REACT VIGOROUSLY WITH ALKALINE MATERIALS.
Hazardous Combustion: NITROGEN OXIDES UNDER FIRE CONDITIONS.

VII. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: CONTAIN PRODUCT, REUSE MATERIAL IF
UNCONTAMINATED. IF CONTAMINATED, ABSORB

Material Safety Data Sheet

Effective Date: 17-MAY-2000
Product: TRACITE 6% CALCIUM 4-0-0

MATERIAL WITH AN ABSORBENT SUCH AS CLAY OR SAND AND PLACE IN SUITABLE CONTAINER FOR PROPER DISPOSAL. DO NOT CONTAMINATE WATER SUPPLIES.
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: NONE NEEDED UNDER NORMAL CONDITIONS.
Ventilation: LOCAL EXHAUST SUFFICIENT.
Gloves: IMPERVIOUS
Eyes: SPLASH PROOF 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.
Other precaution: A) CALCIUM NITRATE LISTED UNDER NEW JERSEY STATE RIGHT-TO-KNOW LAW.

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) LIQUID, NOIBN

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

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

09-AUG-2002 10:16:15
Page 4 Of 4

Material Safety Data Sheet

Effective Date: 17-MAY-2000
Product: TRACITE 6% CALCIUM 4-0-0

XI. GENERAL PRODUCT INFORMATION

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

Health: 2 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
Helena Chemical Company believes that the data contained herein is factual.
This data is not to be taken as a warranty or representation of legal
responsibility. It is offered solely for your consideration, investigation
and verification.