



Saturday, September 09, 2006

MATERIAL SAFETY DATA SHEET

CITROMIC

I. General Information

Chemical names and synonyms	Trade name and synonyms
Grapefruit Extract	CITROMIC
Chemical Family	CTFA adopted name
Diphenol hydroxy benzene	100 % natural citric Extractive
Formula	FDA RD#
60% active/ 40% Glycerine Liquid	21 CFR 582.20
50% active 50% Silicone Dioxide carrier Dry	
Principle hazardous ingredients	TLV
Citromic 60% Liquid	10 MG\CUM
50 % Dry	
Hazard Classification (99)	
Not applicable	

II. Physical & Chemical Properties

Boiling pt. Liquid(N/A Dry)	Specific Gravity (water %)300C(d25C) 1.110
Vapor Pressure (mm Hg)	Melting pt.
N/A	N/A
Vapor Density (air)	% Volatiles by volume
4.1 (Vapor Density Air =1)	N/A
Solubility in water	pH
Dispersable	2.5 - 3.0
Appearance & odor	Other
2, Lemon yellow to brown	Characteristic odor

DIVERSIFIED NUTRI-AGRI TECHNOLOGIES INC.

130-C John Morrow Parkway 220, Gainesville, Georgia 30501

E-Mail info@dinatec.com, Visit our web site at <http://www.dinatec.com>

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MATERIAL SAFETY DATA SHEET**CITROMIC****III. Fire Explosion Hazard**

Flash pt. (F) : (Method) 290 F

Extinguishing Media: Alcohol foam, water fog, carbon dioxide or dry chemical

Unusual fire fighting procedures

None

Unusual fire & Explosion Hazards

Never use welding or cutting torch on or near drum. Residue may ignite.

VII. Special Protection Information

Eye Protection

Ventilation

Goggles/ Facesheid

Protective Glove

Mechanical

Non-absorbent

X if used at elevated temp.

Other

Special

Protective Apron

Other

VIII. Special Precautions

Precautions for handling and storage

Store upright in cool place

Precautions for maintenance and repair of contaminated equipment

Clean equipment thoroughly

Other Ventilation: Mechanical if used at high temperature

Non-corrosive

IX. D.O.T. Hazardous Material Information

Proper shipping name: Non-corrosive Liquid / powder

Hazard class : N/A

Required Packaging : N/A

55 gallon plastic containers or drums.

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Required Labels: They conform to I.C.C. Specifications 17e or 38b or (60- kilo DRUM - p 50.)

X. Remarks

NONE

IV. Health Hazard Data

Osha TLV NA	ACGIN TLV NA	
Carcinogen NTP No	IARC No	OSHA No

Toxicity

- 1. Acute oral LD 50 in white rats 2,900 g or mg/kg
- 2. Acute inhalation LC 50 in white rats ppm or g or mg/kg @ 250mg/m3
slight increase in serum alkaline phosphatase level. Slight respiratory depression .

Irritancy or Corrosiveness

- 1. Skin
 - (a) value when tested according to method in 16 CFR 1500.41
 - (b) (Does\Does not) meet the criteria for corrosiveness in 49 CFR 173.240
Not a primary skin irritant.
- 2. Eye
 - (a) Severe irritant when tested according to method 16 CFR 1500.42
 - (b) (Does \ Does not) cause destruction of tissue in the eye of the albino rabbit by the method 16 CFR 1500.42.

Sensitivity

Does not produce allergic sensitization in a substantial number of people.

Human Experience

Used to fight intestinal parasitic infections and other dermatological bacterial infections.

Animal Experience: As acidifier

Symptoms of exposure: Severe eye irritation and mucous membrane irritation when used directly.

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HEALTH HAZARD DATA cont.

Medical Conditions Aggravated by Exposure

None

Primary routes of entry

Contact and ingestion

Emergency first aid

Flush skin or eyes with water for at least 15 minutes. If irritation persists, consult a physician.

Remove contaminated clothing. If ingested, drink large quantities of water to dilute.

V. Reactivity Data

Stability

Conditions to avoid

Unstable

N/A

Materials to avoid: N/A

Hazardous Polymerization

Conditions to avoid

May not occur

N/A

Hazardous Decomposition Products

Phosphoric Acid

VI. Environmental Precaution Procedures

Spill Protection

Pick up excess with absorbent material, flush with water.

Waste disposal method

Place in container and dispose of in accordance with local regulations and Provisions.

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