

**MATERIAL SAFETY DATA SHEET****SECTION ONE**      *PRODUCT*

PRODUCT NAME CITRALL

CHEMICAL FAMILY

liquid Detergent

SUPPLIERS NAME TITAN INDUSTRIAL SUPPLY, LLC

PO BOX 635

GROVER, MO 63040

ADDRESS

636-273-9033

EMERGENCY CONTACT

**1-800-752-6589**

CITY STATE

**SECTION TWO**      *HAZARDOUS INGREDIENTS*

MATERIAL OR COMPONENT

HAZARD DATA

Orange Terpenes CAS 5989-27-6 10-20 %

Not established

**DOT DESCRIPTION**

Detergent compound, liquid

NFPA    Health-1      Flammability-0      Reactivity-0      Other-

HMIS    Health-2      Flammability-1      Reactivity -0      Other-

**SECTION THREE**      *PHYSICAL AND CHEMICAL CHARACTERISTICS*

BOILING POINT

212 F

SPECIFIC GRAVITY

0.978

VAPOR PRESSURE

Heavier than air

SOLUBILITY IN WATER

Complete

REACTIVITY IN WATER

Non-reactive

APPEARANCE AND ODOR    Orange with orange odor.

**SECTION FOUR**      *FIRE AND EXPLOSION DATA*

FLASH POINT

N/A

FLAMMABLE LIMITS

N/A

EXTINGUISHING MEDIA    N/A

SPECIAL FIRE FIGHTING PROCEDURE

N/A

UNUSUAL FIRE EXPLOSION HAZARDS N/A

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**SECTION FIVE** *REACTIVITY DATA*

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**STABILITY** Stable**INCOMPATIBILITY** Strong oxidizing agents**HAZARDOUS DECOMPOSITION PRODUCT** Carbon monoxide, carbon dioxide**HAZARDOUS POLYMERIZATION** Will not occur

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**SECTION SIX** *HEALTH*

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**EFFECTS OF OVEREXPOSURE****EYES** Causes eye irritation.**SKIN** Causes defatting of skin .**INHALATION** Spray mist will cause irritation of pulmonary passages.**INGESTION** Causes stomach upset and nausea.

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**SECTION SEVEN** *EMERGENCY AND FIRST AID*

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**EYES** Flush with clear water for 15 minutes. Consult a physician.**SKIN** Wash with soap and water. Rinse thoroughly. If irritation persists, consult a physician.**INHALATION** Remove individual to fresh air source, give oxygen if available.**INGESTION** DO NOT induce vomiting. Contact a physician.

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**SECTION EIGHT** *SPECIAL PROTECTION*

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**EYE PROTECTION** Safety glasses.**GLOVES** Water/Solvent resistant**VENTILATION** Mechanical is satisfactory**RESPIRATORY PROTECTION** If TLV is exceeded wear a NIOSH approved respirator.**OTHER PROTECTIVE EQUIPMENT** Boots and apron if working conditions merit.

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**SECTION NINE** *SPILL OR LEAK PROCEDURES*

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**IN CASE OF SPILL**

Mop up or squeegee up on clay.

**WASTE DISPOSAL METHOD**

In accordance with local, state and federal regulations.

**STORAGE AND HANDLING PRECAUTION**

Keep from freezing.

**PREPARED BY:** KENT D. ZIMMERMAN **TITLE:** CHEMIST **DATE** 11-1-95