

SAFETY DATA SHEET



Date Prepared : 07/31/2008
 MSDS No : 0250
 Date Revised : 05/12/2015
 Revision No : 4

Citrus TAGR

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Citrus TAGR
GENERAL USE: Cleaner
PRODUCT CODE: 0250

MANUFACTURER

Detco Industries, Inc.
 PO Box 430
 Conway, AR 72033
Product Stewardship: (800) 282-2133

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (US Transportation) :(800) 424 - 9300

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Skin Sensitization, Category 1

Environmental:

Acute Hazards to the Aquatic Environment, Category 2
 Chronic Hazards to the Aquatic Environment, Category 2

Physical:

Flammable Liquids, Category 4

GHS LABEL



Exclamation
 mark Environment

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H227: Combustible liquid.
 H317: May cause an allergic skin reaction.
 H411: Toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENT(S)

Prevention:

P210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
 P273: Avoid release to the environment.

Response:

P302+P352: IF ON SKIN: Wash with plenty of soap and water.
 P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
 P362: Take off contaminated clothing and wash before reuse.

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P391: Collect spillage.

Disposal:

P501: Dispose of contents/container in accordance with federal, state and local regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name | Wt. % | CAS |
|------------------------|----------|------------|
| D-limonene | 45 - 50% | 5989-27-5 |
| Water | 25 - 30% | 7732-18-5 |
| 2- Butoxyethanol | 10 - 15% | 111-76-2 |
| Cocamide Dea | 5 - 10% | 68603-42-9 |
| Nonylphenol Ethoxylate | 2 - 5% | 9016-45-9 |
| Diethanolamine | 2 - 5% | 111-42-2 |

4. FIRST AID MEASURES

EYES: Flush eyes with water for at least 15 minutes. If pain and/or irritation persists, get medical attention.

SKIN: Flush affected area with water for 15 minutes. Remove contaminated clothing. If pain and/or irritation persists, get medical attention. Launder clothes before reusing.

INGESTION: Do not induce vomiting. Give 2 glasses of water. Get immediate medical attention.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

GENERAL HAZARD: Combustible liquid and vapor.

EXTINGUISHING MEDIA: Carbon dioxide, water, foam or dry chemical.

FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Remove all sources of ignition. Contain spill. Absorb liquid and place in sealed container for disposal.

7. HANDLING AND STORAGE

STORAGE: Keep away from sources of ignition. Do not store at temperatures above 120F.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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EXPOSURE GUIDELINES

| OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200) | | | | | | | |
|---|-------------|--------------------------|---|--------------------------|--|-------------------------|-------------------------|
| | | EXPOSURE LIMITS | | | | | |
| | | OSHA PEL | | ACGIH TLV | | Supplier OEL | |
| Chemical Name | | ppm | mg/m ³ | ppm | mg/m ³ | ppm | mg/m ³ |
| 2- Butoxyethanol | TWA | 50 ppm ^[1] | 240 mg/m ³ ^[1] | 20 ppm ^[2] | 97 mg/m ³ ^[2] | NL ppm | NL ppm |
| | STEL | ppm | mg/m ³ | ppm | mg/m ³ | NL mg/m ³ | NL mg/m ³ |
| Diethanolamine | TWA | ppm ^[1] | mg/m ³ ^[1] | ppm | 1 mg/m ³ | NL ppm | NL mg/m ³ |
| | STEL | ppm | mg/m ³ | ppm | mg/m ³ | NL ppm | NL mg/m ³ |

Footnotes:
 1. NL = Not Listed
 2. S = Skin

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields (or goggles).

SKIN: Wear rubber or nitrile gloves.

RESPIRATORY: None.

PROTECTIVE CLOTHING: None.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Citrus

COLOR: Amber

pH: 9.5

FLASHPOINT AND METHOD: > (140°F)

FLAMMABLE LIMITS: N/D to N/D

VAPOR PRESSURE: Not Determined

VAPOR DENSITY: Not Determined

BOILING POINT: Not Determined

FREEZING POINT: Not Determined

SOLUBILITY IN WATER: Emulsifiable

EVAPORATION RATE: Not Determined

SPECIFIC GRAVITY: 0.911

(VOC): 58.500 %

COEFF. OIL/WATER: Not Determined

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10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: Will not occur.

STABILITY: Stable.

CONDITIONS TO AVOID: Temperatures above 120F, heat, flame and sources of ignition.

POSSIBILITY OF HAZARDOUS REACTIONS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon.

INCOMPATIBLE MATERIALS: Strong oxidizers.

11. TOXICOLOGICAL INFORMATION

CARCINOGENICITY

| Chemical Name | IARC Status |
|------------------|-------------|
| D-limonene | 3 |
| 2- Butoxyethanol | 3 |
| Diethanolamine | 2B |

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Not available.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Combustible Liquid, N.O.S.

TECHNICAL NAME: (Terpene Hydrocarbons)

UN/NA NUMBER: NA1993

PACKING GROUP: III

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

EPCRA SECTION 313 SUPPLIER NOTIFICATION

| Chemical Name | Wt. % | CAS |
|----------------|--------|----------|
| Diethanolamine | 2 - 5% | 111-42-2 |

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

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| Chemical Name | Wt. % | CERCLA RQ |
|----------------|--------|-----------|
| Diethanolamine | 2 - 5% | 100 lbs. |

16. OTHER INFORMATION

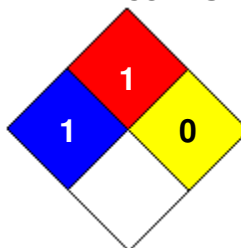
PREPARED BY: E. Spicer **Date Revised:** 05/12/2015

REVISION SUMMARY: This MSDS replaces the 01/31/2013 MSDS. Revised: **Section 1:** GENERAL USE, PREPARED BY. **Section 2:** POTENTIAL HEALTH EFFECTS (SKIN, INHALATION, INGESTION). **Section 5:** EXTINGUISHING MEDIA, GENERAL HAZARD. **Section 6:** SMALL SPILL. **Section 7:** STORAGE. **Section 9:** BOILING POINT, COEFF. OIL/WATER, EVAPORATION RATE, FREEZING POINT, VAPOR DENSITY, VAPOR PRESSURE, (VOC). **Section 10:** CONDITIONS TO AVOID, HAZARDOUS DECOMPOSITION PRODUCTS, POSSIBILITY OF HAZARDOUS REACTIONS. **Section 16:** MANUFACTURER DISCLAIMER.

HMIS RATING

| | | |
|---------------------|--------------------------|---|
| HEALTH | <input type="checkbox"/> | 1 |
| FLAMMABILITY | | 1 |
| PHYSICAL HAZARD | | 0 |
| PERSONAL PROTECTION | | B |

NFPA CODES



MANUFACTURER DISCLAIMER: The information provided in this Safety Data Sheet has been obtained from sources believed to be reliable. Manufacturer provides no warranties, either expressed or implied and assumes no responsibility for the accuracy or completeness of the data contained herein.