

Material Safety Data Sheet

Citrus APC RTU

Section 1. Chemical Product and Company Identification

Product Name	Citrus APC RTU		
Product Number	BL0168		
Product Use	Degreaser		
Manufacturer/Supplier	Amrep, Inc. 990 Industrial Park Drive Marietta, GA 30062		
Phone Number	(770) 422-2071 (Mon-Fri/ 8am- 5pm ET)		
D.O.T. Emergency Phone:	CHEM TEL (800) 255-3924 INTERNATIONAL: + 01-813-248-0584		
Date of Preparation	May 15 2013	Revision Number	2.1

Section 2. Hazards Identification

Emergency overview This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

CAUTION!

Avoid prolonged contact with eyes, skin, and clothing. Wash thoroughly after handling.

Potential Acute Health Effects Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation. Non-corrosive for skin.

Routes of Entry Absorbed through skin. Eye contact. Inhalation. Ingestion.

Eyes Slightly hazardous in case of eye contact (irritant).

Skin Sensitization of the product: Not available.
Slightly hazardous in case of skin contact (irritant). Non-corrosive for skin. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

Inhalation Slightly hazardous in case of inhalation.

Ingestion Slightly hazardous in case of ingestion.

Medical conditions aggravated by exposure: Repeated or prolonged exposure to the substance can produce nervous system damage. Prolonged exposure may produce anesthetic or narcotic effects. May aggravate existing respiratory conditions such as asthma.

Potential Chronic Health Effects Repeated or prolonged exposure to the substance can produce nervous system damage. Prolonged exposure may produce anesthetic or narcotic effects. May aggravate existing respiratory conditions such as asthma.

Carcinogenic Effects Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

Target organs Not available.

Environmental effects Not available.

Section 3. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC ₅₀ /LD ₅₀
Di (propylene glycol) propyl ether	29911-27-1	1 - 5	Not available.	Not available.

Section 4. First Aid Measures

Eye Contact	In case of contact with eyes, rinse immediately with plenty of water. Seek medical attention.
Skin Contact	After contact with skin, wash immediately with plenty of water.
Inhalation	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration., preferably mouth to mouth if possible.
Ingestion	Have conscious person drink 1 Pint of lukewarm water. NEVER give an unconscious person anything to ingest. Seek immediate medical attention.
General Advice	In case of Accident or if you feel unwell, seek medical advice immediately (show label or MSDS where possible).
Notes to Physician	

Section 5. Fire Fighting Measures

Flammability	Not available.
Fire Fighting Media and Instructions	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
Products of Combustion	Not available.
Special Remarks on Fire Hazards	Vapor may travel considerable distance to source of ignition and flash back.
Special Remarks on Explosion Hazards	
Sensitivity to Mechanical Impact	Not available.
Sensitivity to Static Discharge	Not available.
	No additional remark.
Protection of Fire Fighters	See special remarks on Fire Hazards

Section 6. Accidental Release Measures

Personal Precautions	Gloves. Splash goggles. Wear appropriate respirator when ventilation is inadequate.
Methods for Containment	Absorb with DRY earth, sand or other non-combustible material. Vacuum or sweep up material and place in a designated labeled waste container.
Environmental precautions	See Methods for Containment
Methods for Clean Up	See Methods for Containment

Section 7. Handling and Storage

Precautions	Avoid breathing vapors or spray mists. Keep away from incompatibles. Keep away from sources of ignition. Keep out of the reach of children.
Incompatibility	Incompatible with some strong acids. oxidizing agents

Storage Keep out of the reach of children. Not for use or storage in or around the home. Keep away from heat, sparks and flame. Keep away from incompatibles. Keep away from sources of ignition.

Avoid prolonged contact with eyes, skin, and clothing. Wash thoroughly after handling.

Section 8. Exposure Controls/Personal Protection

Engineering Controls

Personal Protection Good general ventilation should be sufficient to control airborne levels.

Eyes Safety glasses.

Body No special recommendations.

Respiratory A respirator is not needed under normal and intended conditions of product use.

Hands Gloves.

Protective Clothing (Pictograms)



Exposure Limits See Section 2 For Applicable Exposure Limits

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.	Odor	Lemon like.
Molecular Weight	Not applicable.	Color	Green.
pH	9 to 9.75 [Basic.]		
Boiling/Condensation Point	100°C (212°F)		
Melting/Freezing Point	Not available.		
Critical Temperature	Not available.		
Instability Temperature	Not available.		
Specific Gravity	0.9974 (Water = 1)		
Vapor Pressure	Not available.		
Vapor Density	>1 (Air = 1)		
Volatility	>95% (w/w).		
VOC	% By Weight: 0.5% g/L: <4 lbs/Gal: <0.05		
Evaporation Rate	<1 compared to Butyl acetate.		
Dispersion Properties	See solubility in water.		
Solubility	Easily soluble in cold water, hot water.		
The Product is:	May be combustible at high temperature.		
Auto-ignition Temperature	Not available.		
Flash Points	CLOSED CUP: >98.889°C (210°F).		
Flammable Limits	Not available.		
Fire Hazards in Presence of Various Substances	Not available.		
Explosion Hazards in Presence of Various Substances	Containers may explode when heated.		

Section 10. Stability and Reactivity Data

Stability	The product is stable.
Incompatibility with Various Substances	Incompatible with some strong acids. oxidizing agents
Hazardous Decomposition Products	Not available.

Section 11. Toxicological Information

Routes of Entry	
Toxicity to Animals	Absorbed through skin. Eye contact. Inhalation. Ingestion.
Acute Effects on Humans	Acute oral toxicity (LD50): 3030 mg/kg [Rat]. (Tetrasodium salt of ethylenediaminetetraacetic acid).
Eyes	Slightly hazardous in case of eye contact (irritant).
Skin	Sensitization of the product: Not available. Slightly hazardous in case of skin contact (irritant). Non-corrosive for skin. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.
Inhalation	Slightly hazardous in case of inhalation.
Ingestion	Slightly hazardous in case of ingestion.
Chronic Effects on Humans	Repeated or prolonged exposure to the substance can produce nervous system damage. Prolonged exposure may produce anesthetic or narcotic effects. May aggravate existing respiratory conditions such as asthma.
Special Remarks on Toxicity to Animals	Not available.
Special Remarks on Chronic Effects on Humans	Not available.

Section 12. Ecological Information

Ecotoxicity	Not available.
BOD5 and COD	Not available.
Products of Biodegradation	Not available.
Toxicity of the Products of Biodegradation	Not available.
Special Remarks on the Products of Biodegradation	Not available.

Section 13. Disposal Considerations

Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Stream	Not available.

Section 14. Transport Information

**DOT (U.S.A)
(Pictograms)**



TDG Classification

Not controlled under TDG (Canada).



PIN UN, Proper Shipping Name, PG Not applicable.

Maritime Transportation Not available.

Special Provisions for Transport Not applicable.

Section 15. Other Regulatory Information and Pictograms

Regulatory Lists

No products were found.

Other Regulations

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications

HCS (U.S.A.) Class: Irritating substance.

USA Regulatory Lists

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm at or above Safe Harbor Levels unless specifically noted below.

Pennsylvania RTK: Dipropylene glycol propyl ether

SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Dipropylene glycol propyl ether: fire, immediate health hazard, delayed health hazard

DSD (EEC)

This product is not classified according to the EU regulations.

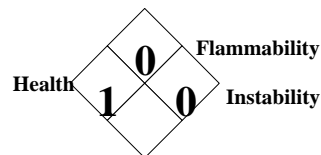
International Regulations Lists

No products were found.

Hazardous Material Information System (U.S.A.)

Health	1
Flammability	0
Physical Hazard	0

National Fire Protection Association (U.S.A.)



Specific Hazard

WHMIS (Classification) CLASS D-2B: Material causing other toxic effects (TOXIC).



The Hazard Ranking systems presented on this MSDS provide only a quick reference for hazard information. The ENTIRE MSDS must be consulted to determine any specific hazards, First Aid measures, and PPE associated with this product.

Section 16. Other Information

Expiry date 3 (Three Years) from the date of preparation indicated in Section 1

Validated by LMorsch on 5/15/2013.

Verified by LMorsch.

Printed 5/15/2013.

Information Contact **Amrep, Inc.**
990 Industrial Park Drive
Marietta, GA 30062

Notice to Reader:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Validated on 5/15/2013.

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