

Section 1 – Product & Company Identification

Product Name: CitraCling
 Product ID No.: 245
 Product Use: Citrus Based Degreaser Gel
 EPA Reg. Number: N/A
 Manufacturer: Arrow Chemical Products, Inc.
 2067 Ste. Anne
 Detroit, MI 48216

Telephone: 313-237-0277
 Emergency Telephone: 24 hr. Emergency Assistance: Infotrac 1-800-535-5053

Section 2 – Composition/Information on Ingredients

<u>INGREDIENT</u>	<u>CAS #</u>	<u>% by Weight</u>	<u>Exposure Limits</u>	<u>LC₅₀/LD₅₀</u>
2-Butoxyethanol	111-76-2	0-10%	ACGIH (US) TWA: 20 ppm OSHA (US) TWA: 50 ppm	Oral LD ₅₀ : Acute: 1746 mg/kg (Rat).
D’Limonene	5989-27-5	70-80%	Not Established	Not Established
Citrus Terpenes	5989-27-5	0-10%	Not Established	Not Established

The specific formula of this product is being withheld as a proprietary trade secret.

Section 3 – Hazards Identification

Emergency Overview:

Potential Health Effects:

Skin: May be irritating.
 Eyes: May be irritating.
 Inhalation: Can cause irritation.
 Chronic: Prolonged or repeated exposure can cause drying, defatting, and dermatitis

Section 4 – First Aid Measures

Eyes: Immediately flush eyes with running water for at least 15 minutes. Seek immediate medical attention.
 Skin/Clothing: Wash with plenty of soap and water. Seek medical attention if irritation occurs.
 Inhalation: Immediately remove to fresh air. If symptoms persist, seek medical attention.
 Ingestion: Immediately drink 1-2 glasses of water or milk. Do not induce vomiting. Call local poison control center or physician for treatment advice.

Section 5 – Fire Fighting Measures

Flash Point: 116° F
 Flammable Limits: (@302° F) (LEL: 07% UEL: 6.1%)
 Extinguishing Media: CO₂ Foam and dry chemical
 Fire Fighting Equipment & Instructions: SCBA recommended. Smother to exclude air. Do not use water. Handle as an oil fire, Class B fire procedures. Firefighters should wear self-contained breathing apparatus.
 Unusual Fire and Explosion Hazard: Keep away from heat, sparks, and open flame. Guard against spontaneous combustion of improperly discarded oily rags.

Section 6 – Accidental Release Measures

Spill and Leak Procedures

Personal Protection: Splash goggles, PVC gloves
 Small Spill and Leak: Absorb material with dirt, sand, or other absorbent and sweep up.
 Large Spill and Leak: Stop leak if you can do so without risk. Use appropriate means to put spilled material in a waste disposal container. Do not hose spills down drainage, sewers, or waterways.

Section 7 – Handling & Storage

Handling Procedures: Use precautions for combustible liquids.
 Storage Procedures: KEEP OUT OF REACH OF CHILDREN. Store in a cool, dry place.

Section 8 – Exposure Controls/Personal Protection

Engineering Controls: Good general ventilation should be sufficient.
Personal Protective Equipment:
 Eyes/Face: Splash goggles.
 Skin: PVC gloves.
 Respiratory: Normal room ventilation. Not required with normal usage.

Section 9 – Physical & Chemical Properties

Flash Point: >116° F
 Specific Gravity: .912
 VOC Content: Not available
 Evaporation Rate (Butyl Acetate= 1): 1
 pH: N/A
 Melting/Freezing Point: Not available
 Solubility: Insoluble
 Appearance and Odor: Viscous Yellow Liquid, Orange Scent

Section 10: Stability & Reactivity

Chemical Stability: Stable
 Incompatibilities: (Conditions to avoid) Excessive heat (Materials to avoid) Strong oxidizing agents and acidic agents
 Hazardous Decomposition Products: Smoke may be acrid and fume irritation. Burning may produce carbon dioxide and/or carbon monoxide
 Hazardous Polymerization: None Described Conditions to avoid for Polymerization: Polymerization catalysts such as aluminum chloride and acidic clays

Section 11 – Toxicological Information

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

Carcinogenicity: No Carcinogenicity data available for this product.

Toxicity to Animals:

Acute Oral LD50: 1746 mg/kg (Rats) (2-Butoxyethanol)

Acute Effects on Humans: Harmful if swallowed. May be irritation to eyes and skin. Inhalation can cause irritation.

Primary Skin: Skin irritant.

Primary Eye: Direct contact will cause irritation.

Inhalation: Can cause irritation.

Ingestion: Harmful if swallowed.

CHEMICAL INGREDIENTS LISTED AS POTENTIAL OR KNOWN CARCINOGENS

INGREDIENT: OSHA NTP IARC

No ingredients listed in this section.

Section 12 – Ecological Information

Ecotoxicity:

Environmental Fate:

Section 13 – Disposal Considerations

Disposal Instructions: Do not hose down drains, sewers, or waterways. Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14 – Transportation Information

DOT Hazard Class: N/A

DOT Proper Shipping Name: N/A

TDG Classification: Not controlled under TDG (Canada)

Section 15 – Regulatory Information

TSCA Status

All ingredients are listed on the TSCA Chemical Inventory.

Other Chemical Inventories

N/A

CERCLA/SARA

SARA Title III, Sections 311/312 – This act requires reporting under the Community Right-to-Know provisions due to the inclusion of the following components of this material in one or more of the five hazard categories listed in the 40 CFR 370: Classification of this product: 2-Butoxyethanol: immediate health hazard, delayed health hazard.

SARA Title 313 – This act requires submission of annual reports of releases of the following components of this material if the threshold reporting quantities, as listed in 40 CFR 372, are met or exceeded:

CHEMICAL NAME	CAS NO.
2-Butoxyethanol	111-76-2

Reportable Quantities/Threshold Planning Quantities: CERCLA requires notification of the National Response Center (Telephone 1-800-424-8802) in the event of a release of quantities of the following hazardous materials contained in this product, if the release is equal to or greater than the Reportable Quantities (RQs). SARA 302/304 requires emergency planning, including agency notification, for possible release of the following components of this material, based upon the Threshold Planning Quantities (TPQs) and/or release of Reportable Quantities.

CHEMICAL NAME	REPORTABLE QUANTITY (RQ)	THRESHOLD PLANNING QUANTITY (TPQ)
No ingredients listed in this section.		

State & Provincial Right to Know & Selected Regulatory Lists

No products were found.

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

WHMIS Classification: E

Section 16 – Other Information

Hazard Ratings

Hazard Ratings

Hazard Rating Scale:

4 = Extreme

3 = High

2 = Moderate

1 = Slight

0 = Insignificant

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0

Information Contact: Arrow Chemical Products, Inc., 2067 Ste. Anne, Detroit, MI 48216

The seller makes no warranty expressed or implied concerning the accuracy of any results to be obtained from the use of any information and no warranty expressed or implied concerning the use of the products. The buyer assumes all risks of the use and/or handling.