ZEP					-	/ Data S Disposal Ir	
FORCER Products		Section 1. Chemical Product and Company Identification					
Division of Acuity Specialty Products oup, Inc.		Product name		Citrus Cleaner & Degreaser Concentrate			
. Box 1060	P	Prod	uct Code	HI	OCIT		
rtersville, GA 30120 88-805-HELP		Date of issue		04/04/07		Supersedes 01/21/05	
w.zepcommercial.com							
	Т	Emergency Telephone Numbers		For a Medical Emergency: INFOTRAC (877) 541-2016 (Toll Free - Calls Recorded)			
				CH	EMTREC	ation Emerge Toll Free - Ca	-
Printing Date:	Date: Prepared by		ared by	Compliance Services Group Acuity Specialty Products Group 1420 Seaboard Industrial Blvd. Atlanta, GA 30318			
Section 2. Composition, Inf	ormation on Ingredi	ients	;				
Name of Hazardous Ingred			CAS #		<u>6 by Weight</u>		osure Limits
D-LIMONENE - orange distill cyclohexene, 1-methyl-4-(1			5989-27-5	1	- 5	Not establishe	ed
MONOETHANOLAMINE; 2-aminoethanol; MEA			141-43-5	1	- 5	(United State TWA: 3 ppn OSHA /ACG	1 8 hour(s). IH (United States).
DIETHYLENE GLYCOL MONOBUTYL ETHER; 2-(2-butoxyethoxy)-ethanol; butyl carbitol DIPROPYLENE GLYCOL N-BUTYL ETHER; 1-(2- butoxy-1-methoxy)- 2-propanol; glycol ether dpnb			112-34-5	1	- 5		n 15 minute(s). r (United States). m 8 hour(s).
		-	29911-28-2	1	- 5	Not establishe	ed
Skin Product may be der irritation and redne	Routes of Entry Dern rmal absorbed. May cau ess. Skin inflammation is on. Inflammation of the	use sk is cha eye i	kin sensitization racterized by it s characterized	n. Dire tching, by rec	, scaling, or re lness, watering	ddening. g, and itching.	HMIS Health Fire Hazard Reactivity Personal Protection
Ingestion May be harmful if		-					
Carcinogenic Ingredien Effects	ts: Not listed as carcinog	gen t	99 OSHA, NTP	or IA	RC.		
	d or repeated contact ma						
toxic to b (CNS). H	blood, kidneys, lungs, Repeated or prolonged						
toxic to b (CNS). F damage.		expo	osure to the sub	ostance			
toxic to b (CNS). F damage. Section 4. First Aid Measure Eye Contact Check	Repeated or prolonged See Toxicological Info es for and remove any cor	expo orma	tion (section 1 lenses. In case	ostance 1) • of cor	e can produce	target organs	
toxic to b (CNS). If damage. Section 4. First Aid Measure Eye Contact Check for at 1 Skin Contact In case	Repeated or prolonged See Toxicological Info es for and remove any cor east 15 minutes. Get m of contact, immediately	expo orma ntact nedica ly flus	tion (section 1 lenses. In case al attention imm sh skin with ple	ostance 1) of connediate enty of	e can produce ntact, immedia ely. f water. Get n	ately flush eyes	with plenty of water
toxic to b (CNS). I damage. Section 4. First Aid Measure Eye Contact Check for at 1 Skin Contact In case Inhalation If inha oxyger	Repeated or prolonged See Toxicological Info es for and remove any cor east 15 minutes. Get m	expo orma ntact nedica ly flus . If r n.	tion (section 1 lenses. In case al attention imm sh skin with ple ot breathing, g	a of con nediate enty of ive art	e can produce ntact, immedia ely. f water. Get n ificial respirat	ately flush eyes nedical attentio ion. If breathin	with plenty of water n if irritation develop ng is difficult, give

Product Code HDCIT	Mate	erial Safety Data Sheet	Product Name Citrus Cleaner & Degreaser Concentrate
Section 5. Fire Fighting N	leasures		
Flash Point Close	ed cup: 51.111°C (124°F) iabue.)	. Flammable Limits	Not determined.
	oustible.		
		Avoid all possible sources of	
Fire-Fighting Procedures		ive equipment.	r foam. Fire-fighters should wear
Section 6. Accidental Rel		hate with wester and many up	on shooth with on input day motorial and aloop in
	copriate waste disposal cor		or absorb with an inert dry material and place in
Section 7. Handling and			
			Avoid prolonged or repeated contact with skin. ventilation. Do not ingest. Do not reuse product
		S. Use only with adequate v Wash thoroughly after handling	
	-		itly closed and sealed until ready for use. Avoid
all possible s of children.	sources of ignition (spark	or flame). Store between 40°	$^{\circ}$ F - 120°F (4.4°C - 49°C). Keep out of the reach
Section 8. Exposure Con		tion	
Eyes Safety glasses.	Personal Protection		Protective Clothing (Pictograms)
-	mended: Nitrile gloves. Ru	ubber gloves. Neoprene	
gloves.	inchaca. I thinc gioves. It	abber gibves. Heoptene	
-	_	or is not needed under normal	and intended conditions of product use.
Section 9. Physical and C Physical State Liquid.	hemical Properties		Color Amber.
pH 11.0-12.0)		Odor Citrus
Boiling Point Not deter		Vapo	or Pressure Not determined.
Specific Gravity 1.01 (Wa	ater = 1)	Vap	Dor Density Not determined.
Solubility Soluble i	n cold water, hot water.		ration Rate 1 compared to water
Saction 10 Stability and	Boootivity	VOC (Consumer) 40.33 (g/l). 0.34 lbs/gal 4.00%
Section 10. Stability and Stability and Reactivity	The product is stable.		
Incompatibility Hazardous Polymerizatio	Slightly reactive to re		alkalis. Keep away from heat, sparks and flame.
Hazardous Decomposition Products		are carbon oxides (CO, CO ₂)), nitrogen oxides (NO, NO ₂).
Section 11. Toxicological	Information		
Toxicity to Animals	d-Limonene:		
	ORAL (LD50):	Acute: >5000 mg/kg [Rat	
	DERMAL (LD50): Monoethanolamine:	Acute: >5000 mg/kg [Ral	DDIL].
	ORAL (LD50):	Acute: 1720 mg/kg [Rat.]].
	Diethylene Glycol M		
	ORAL (LD50): DERMAL (LD50):	Acute: 5660 mg/kg [Rat] Acute: 2700 mg/kg [Rabl	
Section 12. Ecological In	· · · ·	Treate: 2700 mg/kg [Rub	onj.
Ecotoxicity Not av	vailable.		
Biodegradable/OECD Not av	ailable.		
Section 13. Disposal Cor	siderations		
Waste Information	Waste must be dispose regulations.	ed of in accordance with f	ederal, state and local environmental control
Waste Stream	Code: D001		
	Classification: - (Hazard		
Consult your loss on me	Origin: - (RCRA waste.))	
Consult your local or regio	nai aumoriues.		

Product Code HDCIT	Material Safety Data Sheet	Product Name Citrus Cleaner & Degreaser Concentrate				
Section 14. Transport In	formation					
Proper shipping name	Not regulated.					
DOT Classification	Not a DOT controlled material (United States).					
UN number	Not regulated.					
TDG Classification	Not a TDG controlled material.					
Section 15. Regulatory I	nformation					
U.S. Federal Regulation	s SARA 313 toxic chemical notification and release	reporting:				
	Diethylene Glycol Monobutyl Ether (Certain Glycol Ethers)					
	Clean Water Act (CWA) 311: No products were fo	ound.				
	Clean air act (CAA) 112 regulated toxic substances	s: Diethylene Glycol Monobutyl Ether				
	All Components of this product are listed or exemp	ot from listing on TSCA inventory.				
State Regulations	California prop. 65: No products were found.					
WHMIS (Canada)	Class B-3: Combustible liquid with a flash point b Class D-2B: Material causing other toxic effects (

Section 16. Other Information

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.