



SAFETY DATA SHEET

THRIFTY CITRUS ALL PURPOSE CLEANER

Page: 1
 Printed: 08/18/2015
 Revision: 07/07/2015
 Supersedes Revision: 06/18/2015

1. Product and Company Identification

Product Code: S170
Product Name: THRIFTY CITRUS ALL PURPOSE CLEANER
Company Name: SUNBELT LABORATORIES **Phone Number:**
 P.O. BOX 1563 (281)261-4747
 STAFFORD, TX 77497
Web site address: www.sunbelt-labs.com
Emergency Contact: CHEM-TEL (800)255-3924

2. Hazards Identification

Skin Corrosion/Irritation, Category 3

Serious Eye Damage/Eye Irritation, Category 2B

GHS Signal Word: **Warning**

GHS Hazard Phrases: Causes mild skin irritation.
 Causes eye irritation.

GHS Precaution Phrases: Wash hands thoroughly after handling.

GHS Response Phrases: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 If skin irritation occurs, get medical advice/attention.
 If eye irritation persists, get medical advice/attention.

GHS Storage and Disposal Phrases: No phrases apply.

OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations.

Potential Health Effects (Acute and Chronic): Effects may be delayed. This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200

Inhalation: No hazard expected in normal industrial use.

Skin Contact: Substance may cause slight skin irritation.

Eye Contact: Substance causes moderate eye irritation.

Ingestion: Substances may be harmful if swallowed.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
111-76-2	Ethanol, 2-Butoxy-	0.5 -2.0 %	
68610-19-5	Ether Amine Quaternary Ammonia	0.2 -1.5 %	
68131-39-5	Ethoxylated linear alcohol	0.2 -1.5 %	
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	<=1.0 %	
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	<=1.0 %	



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4. First Aid Measures

Emergency and First Aid

Procedures:

In Case of Skin Contact: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

In Case of Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.

In Case of Ingestion: Do NOT induce vomiting. Rinse mouth with water.

Note to Physician: Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt: NE

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: NE

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Will burn if involved in a fire. Combustible liquid and vapor.

Flammable Properties and Hazards: No data available.

Hazardous Combustion Products: Strong acids, Strong oxidants.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8.

7. Handling and Storage

Precautions To Be Taken in Handling: Use spark-proof tools and explosion proof equipment. Do not get in eyes, on skin, or on clothing.

Precautions To Be Taken in Storing: Keep away from sources of ignition. Store in a cool, dry place.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
111-76-2	Ethanol, 2-Butoxy-	PEL: 50 ppm	TLV: 20 ppm	No data.
68610-19-5	Ether Amine Quaternary Ammonia	No data.	No data.	No data.
68131-39-5	Ethoxylated linear alcohol	No data.	No data.	No data.
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	No data.	No data.	No data.
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	No data.	No data.	No data.



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Respiratory Equipment (Specify Type):	Respirator protection is not normally required.
Eye Protection:	Protective garments not normally required.
Protective Gloves:	Protective garments not normally required.
Other Protective Clothing:	No data available.
Engineering Controls (Ventilation etc.):	Use explosion-proof ventilation equipment. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid	
Appearance and Odor:	Clear, Amber. citrus-like odor.	
pH:	11	
Melting Point:	NE	
Boiling Point:	> 212.00 F (100.0 C)	
Flash Pt:	NE	
Evaporation Rate:	NE	
Flammability (solid, gas):	No data available.	
Explosive Limits:	LEL: No data.	UEL: No data.
Vapor Pressure (vs. Air or mm Hg):	NE	
Vapor Density (vs. Air = 1):	NE	
Specific Gravity (Water = 1):	1.01 at 77.0 F (25.0 C)	
Solubility in Water:	Soluble	
Octanol/Water Partition Coefficient:	No data.	
Percent Volatile:	90.0 % by volume.	
Autoignition Pt:	NE	
Decomposition Temperature:	No data.	
Viscosity:	No data.	

10. Stability and Reactivity

Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	Incompatible materials, ignition sources.
Incompatibility - Materials To Avoid:	Strong oxidizing agents, Strong bases, Aluminum.
Hazardous Decomposition or Byproducts:	Carbon monoxide.
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	Product will not undergo polymerization.



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11. Toxicological Information

Toxicological Information: Epidemiology: No information found.
Teratogenicity: No information available. Reproductive Effects: Mutagenicity:
Neurotoxicity:

Carcinogenicity/Other Information: CAS# 111-76-2: ACGIH: A3 - Confirmed animal carcinogen with unknown relevance to humans.
California: Not listed.
NTP: Not listed.
IARC: Not listed.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
111-76-2	Ethanol, 2-Butoxy-	n.a.	3	A3	n.a.
68610-19-5	Ether Amine Quaternary Ammonia	n.a.	n.a.	n.a.	n.a.
68131-39-5	Ethoxylated linear alcohol	n.a.	n.a.	n.a.	n.a.
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	n.a.	n.a.	n.a.	n.a.
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

General Ecological Information: According to a recommended classification scheme, this BCF value suggests that bioconcentration in aquatic organisms is low.
Physical: No information found.
Other: An estimated BCF value of 2.5., from an experimental log Kow, suggests that ethylene glycol mono-n-butyl ether bioconcentration in aquatic organisms will be low, according to a recommended classification scheme.

13. Disposal Considerations

Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
RCRA P-Series: None listed.
RCRA U-Series: None listed.

14. Transport Information

LAND TRANSPORT (US DOT):
DOT Proper Shipping Name: NOT REGULATED FOR DOMESTIC TRANSPORT.
DOT Hazard Class:
UN/NA Number:

LAND TRANSPORT (Canadian TDG):
TDG Shipping Name: Not Regulated.

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
111-76-2	Ethanol, 2-Butoxy-	No	No	Yes-Cat. N230
68610-19-5	Ether Amine Quaternary Ammonia	No	No	No
68131-39-5	Ethoxylated linear alcohol	No	No	No
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	No	No	No



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64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	No	No	No
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This material meets the EPA Yes No Acute (immediate) Health Hazard
'Hazard Categories' defined Yes No Chronic (delayed) Health Hazard
for SARA Title III Sections Yes No Fire Hazard
311/312 as indicated: Yes No Sudden Release of Pressure Hazard
 Yes No Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
111-76-2	Ethanol, 2-Butoxy-	CAA HAP, ODC: HAP TSCA: Inventory
68610-19-5	Ether Amine Quaternary Ammonia	TSCA: Inventory
68131-39-5	Ethoxylated linear alcohol	TSCA: Inventory
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	TSCA: Inventory
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	TSCA: Inventory

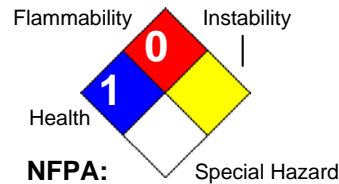
16. Other Information

Revision Date: 07/07/2015

Hazard Rating System:

HEALTH	<input type="checkbox"/>	1
FLAMMABILITY	<input type="checkbox"/>	0
REACTIVITY	<input type="checkbox"/>	0
PPE		

HMIS:



Additional Information About No data available.

This Product:

Company Policy or

Disclaimer:

DISCLAIMER: To the best of our knowledge, the information contained herein is accurate. There is no assumption of liability for accuracy contained within this information. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.