



SAFETY DATA SHEET

THRIFTY CITRUS ALL PURPOSE CLEANER

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Printed: 12/14/2023
Revision: 12/14/2023
Supersedes Revision: 03/15/2023

1. Product and Company Identification

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

2. Hazards Identification

Eye Irritation, Category 2B

GHS Signal Word: **Warning**
GHS Hazard Phrases: Causes eye irritation.
GHS Precautionary 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: While this material is not classified as hazardous under OSHA regulations, this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.
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:	Not established
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: No data. UEL: No data.
Vapor Pressure (vs. Air or mm Hg):	Not established
Vapor Density (vs. Air = 1):	Not established
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	n.a.	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 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Explosive
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Flammable (gases, aerosols, liquid, or solid)
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Oxidizer (liquid, solid or gas)
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Self-reactive
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Pyrophoric (liquid or solid)
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Pyrophoric gas
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Self-heating
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Organic peroxide
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Corrosive to metal
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Gas under pressure (compressed gas)
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	In contact with water emits flammable gas
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Combustible Dust
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(Physical) Hazard Not Otherwise Classified (HNOC)
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Acute toxicity (any route of exposure)
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Skin Corrosion or Irritation
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Serious eye damage or eye irritation
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Respiratory or Skin Sensitization
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Germ cell mutagenicity
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Carcinogenicity
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Reproductive toxicity
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Specific target organ toxicity (single or repeated exposure)
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Aspiration Hazard
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Simple Asphyxiant
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(Health) Hazard Not Otherwise Classified (HNOC)

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
111-76-2	Ethanol, 2-Butoxy-	CAA HAP,ODC: No CWA NPDES: No TSCA: Yes - Inventory CA PROP.65: No
68610-19-5	Ether Amine Quaternary Ammonia	CAA HAP,ODC: No CWA NPDES: No TSCA: Yes - Inventory CA PROP.65: No
68131-39-5	Ethoxylated linear alcohol	CAA HAP,ODC: No CWA NPDES: No TSCA: Yes - Inventory CA PROP.65: No
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	CAA HAP,ODC: No CWA NPDES: No TSCA: Yes - Inventory CA PROP.65: No
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	CAA HAP,ODC: No CWA NPDES: No TSCA: Yes - Inventory CA PROP.65: No

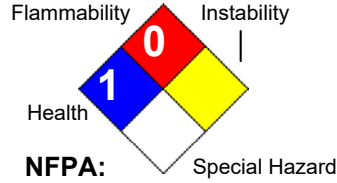
16. Other Information

Revision Date: 12/14/2023

Hazard Rating System:

HEALTH		1
FLAMMABILITY		0
REACTIVITY		0
PPE		

HMIS:



Additional Information About This Product: No data available.

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.