



MATERIAL SAFETY DATA SHEET

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CHAMPION CITRUS FOAMING CLEANER

1. Product And Company Identification			
Supplier Chase Products Co. 19th and Gardner Road Broadview, IL 60155 USA Company Contact: Laura E. Radevski Telephone Number: 708-865-1000 FAX Number: 708-865-0923 E-Mail: sales@chaseproducts.com Web Site: www.chaseproducts.com		Manufacturer Chase Products Co. 19th and Gardner Road Broadview, IL 60155 USA Company Contact: Laura E. Radevski Telephone Number: 708-865-1000 FAX Number: 708-865-0923 E-Mail: sales@chaseproducts.com Web Site: www.chaseproducts.com	
Supplier Emergency Contacts & Phone Number Chem-Tel: 1-800-255-3924		Manufacturer Emergency Contacts & Phone Number Chem-Tel: 1-800-255-3924	
Issue Date: 09/09/2013 Product Name: CHAMPION CITRUS FOAMING CLEANER Chemical Name: 7-8042 CAS Number: Not Established MSDS Number: 5435 Product Code: 438-5154-7 Product/Material Uses - Citrus Foam Cleaner			
2. Composition/Information On Ingredients			
Ingredient Name		CAS Number	Percent Of Total Weight
*BUTANE		106-97-8	
*PROPANE		74-98-6	
COCOAMIDE DEA		68603-42-9	
D-LIMONENE		5989-27-5	
DIMETHYL ADIPATE		627-93-0	
DIMETHYL GLUTARATE		1119-40-0	
SODIUM 2-ETHYLHEXYL SULFATE		126-92-1	
SODIUM METASILICATE		6834-92-0	
*Components of Hydrocarbon Propellant. This product may also contain isobutane (CAS# 75-28-5). Hazardous components, according to OSHA, are listed when present at 1.0% or greater. Carcinogens are listed when present at 0.1% or greater.			
3. Hazards Identification			
Primary Routes(s) Of Entry - Ingestion (possible, but considered unlikely), eye contact, skin contact, inhalation. Eye Hazards - Causes eye irritation. Skin Hazards - Causes skin irritation after prolonged contact with skin. Ingestion Hazards - This is an aerosol product, ingestion is unlikely to occur. Inhalation Hazards - Deliberated inhalation of concentrated vapor or mist may cause headaches, dizziness and nausea. Chronic/Carcinogenicity Effects - Contains Cocoamide DEA and contains less than 0.1% Diethanolamine (DEA). IARC has evaluated and classified Cocoamide DEA and DEA as possibly human carcinogens (group 2B) based on sufficient evidence of carcinogenicity in animals, but inadequate evidence for cancer in exposed humans. California's			

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3. Hazards Identification - Continued

Proposition 65: "Warning: This product contains chemicals known to the State of California to cause cancer".

Teratogenicity (Birth Defects) - Not known

Reproductive Effects - Not known

Neurotoxicity - Not known

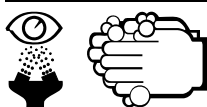
Mutagenicity (Genetic Effect) - Not known

Signs And Symptoms - Acute: Deliberated inhalation of concentrated vapor or mist may cause headaches, dizziness and nausea. Prolonged contact with skin causes irritation. Contact with the eyes causes irritation.

Conditions Aggravated By Exposure - May aggravate pre-existing skin and respiratory disorders.

Conditions Aggravated By Overexposure - May aggravate pre-existing skin and respiratory disorders.

First Aid (Pictograms)



4. First Aid Measures

Eye - Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Skin - Wash skin with soap and water. If irritation develops, consult a physician.

Ingestion - Ingestion from an aerosol product is unlikely to occur.

Inhalation - If overcome by vapor move person to fresh air. If person is not breathing, call 911 or an ambulance, then provide artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advise.

5. Fire Fighting Measures

Flash Point: Not available °F Not available °C

Flash Point Method: Not available

Lower Explosive Limit: Not available

Upper Explosive Limit: Not available

Fire And Explosion Hazards - This product is an aerosol product for which Flame Projection is 0 in. Temperatures above 120 F may cause cans to burst.

Extinguishing Media - Use CO2 (Carbon Dioxide), dry chemical, or water fog.

Fire Fighting Instructions - Water spray may be used to cool cans in the vicinity of fire or excessive heat.

6. Accidental Release Measures

Provide adequate ventilation to area being treated. Soak up spills with chemically inert, absorbent material.

7. Handling And Storage

Handling And Storage Precautions - Store in a cool, dry place away from heat and open flame.

Handling Precautions - Do not deliberately inhale vapor or spray mist. Avoid getting spray into eyes. Avoid prolonged contact with skin. Keep out of reach of children.

Storage Precautions - Keep away from heat, sparks, flame, and other sources of ignition (i.e., pilot lights, electric motors and static electricity). AEROSOL STORAGE LEVEL I (NFPA-30B)

Work/Hygienic Practices - Wash thoroughly after handling.

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7. Handling And Storage - Continued

Protective Clothing (Pictograms)



8. Exposure Controls/Personal Protection

Engineering Controls - Use with adequate general and local exhaust ventilation.

Eye/Face Protection - Conventional eyeglasses to guard against splashing.

Skin Protection - Household type gloves.

Respiratory Protection - None required if used in a well-ventilated area. When using indoors, keep windows and doors open until fumes dissipate.

Ingredient(s) - Exposure Limits

*BUTANE

ACGIH TLV-TWA 800 ppm

*PROPANE

ACGIH TLV-TWA 2500 ppm ; OSHA PEL-TWA 1,000 ppm

DIMETHYL ADIPATE

PEL (OSHA) - none established ; TLV (ACGIH) - none established

DIMETHYL GLUTARATE

PEL (OSHA) - none established ; TLV (ACGIH) - none established

SODIUM 2-ETHYLHEXYL SULFATE

No exposure limits have been established

SODIUM METASILICATE

2mg/m³ recommended by the manufacturer

9. Physical And Chemical Properties

Appearance - White Foam.

Odor - Citrus odor.

Chemical Type: Mixture

Physical State: Liquid

Melting Point: Not applicable °F Not applicable °C

Boiling Point: Water 212 °F Water 100 °C

Specific Gravity: 1.012 +/- 0.003 concentrate

Percent VOCs: 7.99

Vapor Pressure: 55 psig at 70 F

pH Factor: 11.4 +/- 0.6

Solubility: Soluble in water

Evaporation Rate: Faster than butyl acetate

10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions To Avoid (Stability) - Temperatures above 120 F

Incompatible Materials - Avoid heat, open flame and contact with strong oxidizers.

Hazardous Decomposition Products - Thermal decomposition may yield gases like carbon monoxide, carbon dioxide and oxides of sulfur.

Conditions To Avoid (Polymerization) - Temperatures above 120 F

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11. Toxicological Information

Ingredient(s) - Carcinogenicity

COCOAMIDE DEA
Listed In The IARC Monographs

12. Ecological Information

Ecotoxicological Information - No specific ecological data is available for this product. Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

13. Disposal Considerations

Do not puncture or incinerate container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions.

14. Transport Information

Proper Shipping Name - Limited Quantity - General purpose cleaner

Hazard Class

2.1

DOT Identification Number

UN1950

DOT Shipping Label

Aerosol Consumer Commodity

15. Regulatory Information

U.S. Regulatory Information - All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

SARA Hazard Classes

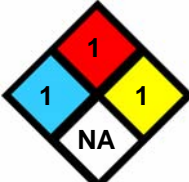
Acute Health Hazard; Chronic Health Hazard

SARA Section 313 Notification - This product does not contain any ingredients regulated under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 or 40 CFR 372.

Ingredient(s) - State Regulations

*PROPANE

New Jersey - Workplace Hazard; New Jersey - Environmental Hazard; New Jersey - Special Hazard; Pennsylvania - Workplace Hazard; Massachusetts - Hazardous Substance; New York City - Hazardous Substance

NFPA	HMIS								
	<table border="1"><tr><td>HEALTH</td><td>*1</td></tr><tr><td>FLAMMABILITY</td><td>2</td></tr><tr><td>REACTIVITY</td><td>1</td></tr><tr><td>PERSONAL PROTECTION</td><td>B</td></tr></table>	HEALTH	*1	FLAMMABILITY	2	REACTIVITY	1	PERSONAL PROTECTION	B
HEALTH	*1								
FLAMMABILITY	2								
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16. Other Information

Revision/Preparer Information

MSDS Preparer: Regulatory Department
MSDS Preparer Phone Number: 708-865-1000

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16. Other Information - Continued

Revision/Preparer Information - Continued

This MSDS Supersedes A Previous MSDS Dated: 01/31/2012

Disclaimer

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Chase Products Co.