



ENFORCER Products  
 A Division of Acuity Specialty Products  
 Group, Inc.  
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# Material Safety Data Sheet and Safe Handling and Disposal Information

## Section 1. Chemical Product and Company Identification

**Product name** Kitchen Foaming Cleaner  
**Product Code** HDAPA18  
**Date of issue** 04/28/05 **Supersedes** 03/07/02

**Emergency Telephone Numbers** **For a Medical Emergency:**  
 INFOTRAC  
 (877) 541-2016 (Toll Free - Calls Recorded)

**For a Transportation Emergency:**  
 CHEMTREC  
 (800) 424-9300 (Toll Free - Calls Recorded)

**Printing Date:**

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## Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
ISOPROPYL ALCOHOL; ipa; dimethylcarbinol; 2-propanol	67-63-0	1-5	<b>ACGIH TLV (United States).</b> TWA: 200 ppm 8 hour(s). <b>OSHA PEL (United States).</b> TWA: 400 ppm 8 hour(s). <b>ACGIH/OSHA (United States).</b> STEL: 400 ppm 15 minute(s).
ACETONE; dimethyl ketone	67-64-1	1-10	<b>OSHA PEL (United States).</b> TWA: 1000 ppm 8 hour(s). <b>ACGIH (United States).</b> STEL: 750 ppm 15 minute(s).
BLEND OF ISOBUTANE, PROPANE, & n-BUTANE	75-28-5; 74-98-6; 106-97-8	1-10	<b>ACGIH TLV (United States).</b> TWA: 800 ppm 8 hour(s). <b>OSHA PEL (United States).</b> TWA: 1000 ppm 8 hour(s).

## Section 3. Hazards Identification

**Acute Effects** **Routes of Entry** Eye contact. Inhalation.  
**Skin** Hazardous in case of skin contact (irritant). Direct contact may cause irritation and redness.  
**Eyes** Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.  
**Inhalation** Hazardous in case of inhalation. May cause respiratory tract irritation. Can cause central nervous system depression  
**Ingestion** Ingestion not likely under normal use conditions.

**Carcinogenic Effects** Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

**Chronic Effects** Repeated or prolonged inhalation of vapors may lead to chronic respiratory irritation.

**See Toxicological Information (section 11)**

### HMIS

<b>Health</b>	<b>1</b>
<b>Fire Hazard</b>	<b>0</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>B</b>

## Section 4. First Aid Measures

**Eye Contact** Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.  
**Skin Contact** In case of contact, immediately flush skin with plenty of water. Get medical attention if irritation develops.  
**Inhalation** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.  
**Ingestion** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**Section 5. Fire Fighting Measures**

<b>Flash Point</b>	Not determined.	<b>Flammable Limits</b>	Not applicable.
<b>Flammability</b>	Non-flammable. (CSMA)		
<b>Fire Hazard</b>	CONTENTS UNDER PRESSURE.		
<b>Fire-Fighting Procedures</b>	Use an extinguishing agent suitable for surrounding fires. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.		

**Section 6. Accidental Release Measures**

**Spill Clean up** Unlikely in this form.

**Section 7. Handling and Storage**

<b>Handling</b>	CONTENTS UNDER PRESSURE. Do not puncture or incinerate container. Avoid contact with eyes. Avoid breathing vapors or spray mists.
<b>Storage</b>	Store and use away from heat, sparks, open flame, or any other ignition source. Store between 40°F - 120°F (4.4°C - 49°C). Keep out of the reach of children.

**Section 8. Exposure Controls, Personal Protection****Personal Protection****Protective Clothing (Pictograms)**

<b>Eyes</b>	Safety glasses.	
<b>Body</b>	Protective gloves should be worn under conditions of prolonged use.	
<b>Respiratory</b>	A respirator is not needed under normal and intended conditions of product use.	

**Section 9. Physical and Chemical Properties**

<b>Physical State</b>	Aerosol. (Liquid fill)	<b>Color</b>	Cloudy, Colorless.
<b>pH</b>	Not available.	<b>Odor</b>	Pleasant.
<b>Boiling Point</b>	96°C (204.8°F)	<b>Vapor Pressure</b>	Not determined.
<b>Specific Gravity</b>	0.978 (Water = 1)	<b>Vapor Density</b>	>1 (Air = 1)
<b>Solubility</b>	Easily soluble in cold water, hot water.	<b>Evaporation Rate</b>	1 compared to Water
		<b>VOC (Consumer)</b>	117 (g/l).

**Section 10. Stability and Reactivity**

<b>Stability and Reactivity</b>	The product is stable.
<b>Incompatibility</b>	None identified.
<b>Hazardous Polymerization</b>	Will not occur.
<b>Hazardous Decomposition Products</b>	Carbon oxides (CO, CO <sub>2</sub> ) and organic chemicals.

**Section 11. Toxicological Information**

<b>Toxicity to Animals</b>	<b>Isopropyl Alcohol:</b>
	ORAL (LD50): Acute: 5045 mg/kg [Rat].
	<b>Acetone:</b>
	ORAL (LD50): Acute: 3000 mg/kg [Mouse.].
	DERMAL (LD50): Acute: 20000 mg/kg [Rabbit.].

**Section 12. Ecological Information**

<b>Ecotoxicity</b>	Not available.
<b>Biodegradable/OECD</b>	Not available.

**Section 13. Disposal Considerations**

<b>Waste Information</b>	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
<b>Waste Stream</b>	Non-regulated waste
<b>Consult your local or regional authorities.</b>	

**Section 14. Transport Information**

<b>Proper shipping name</b>	Consumer Commodity
<b>DOT Classification</b>	ORM-D
<b>UN number</b>	Not applicable.
<b>TDG Classification</b>	Consumer Commodity ORM-D

**Section 15. Regulatory Information****U.S. Federal Regulations** SARA 313 toxic chemical notification and release reporting:

No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean air act (CAA) 112 regulated toxic substances: No products were found.

**State Regulations**

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Formaldehyde, Acetaldehyde, Benzene

**WHMIS (Canada)**

Class D-2B: Material causing other toxic effects (TOXIC).

**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.*