



# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

Product number	874
Product name	Dust Up Floor Dressing & Dust Mop Treatment
Effective date	13-Nov-2007
Company information	Claire Manufacturing 500 Vista Ave. Addison, IL 60101 United States
Company phone	General Assistance 630-543-7600
Emergency telephone US	800-424-9300
Emergency telephone outside US	703-527-3887
Supersedes date	13-Aug-2007

## 2. Hazards Identification

<b>Emergency overview</b>	Aerosol. FLAMMABLE CONTENTS UNDER PRESSURE. Pressurized container may explode when exposed to heat or flame.
<b>OSHA regulatory status</b>	Prolonged exposure may cause chronic effects. This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).
<b>Potential health effects</b>	
<b>Routes of exposure</b>	Inhalation.
<b>Eyes</b>	Health injuries are not known or expected under normal use.
<b>Skin</b>	Health injuries are not known or expected under normal use.
<b>Inhalation</b>	Intentional misuse by concentrating and inhaling the product can be harmful or fatal.
<b>Ingestion</b>	Exposure by ingestion of an aerosol is unlikely. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
<b>Chronic effects</b>	May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion, and blurred vision) and/or damage.
<b>Signs and symptoms</b>	Narcosis.

## 3. Composition / Information on Ingredients

Components	CAS #	Percent
Propane	74-98-6	10 - 15
Non-hazardous and other components below reportable levels		80 - 90

## 4. First Aid Measures

<b>First aid procedures</b>	
<b>Eye contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
<b>Skin contact</b>	Immediately take off all contaminated clothing.
<b>Inhalation</b>	Move to fresh air. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.
<b>Ingestion</b>	Rinse mouth. Do not induce vomiting without medical advice. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration.
<b>General advice</b>	If you feel unwell, seek medical advice (show the label where possible).

## 5. Fire Fighting Measures

<b>Flammable properties</b>	Containers may explode when heated.
<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Water. Water spray. Water fog. Dry chemical. Carbon dioxide (CO2).

<b>Unsuitable extinguishing media</b>	Do not use a solid water stream as it may scatter and spread fire.
<b>Protection of firefighters</b>	
<b>Protective equipment and precautions for firefighters</b>	In the event of fire and/or explosion do not breathe fumes. Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. Containers should be cooled with water to prevent vapor pressure build up. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn. Cool containers with flooding quantities of water until well after fire is out.

## 6. Accidental Release Measures

<b>Personal precautions</b>	Ensure adequate ventilation. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering. Keep unnecessary personnel away.
<b>Methods for containment</b>	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Use water spray to reduce vapors or divert vapor cloud drift.
<b>Methods for cleaning up</b>	Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly. After removal flush contaminated area thoroughly with water.

## 7. Handling and Storage

<b>Handling</b>	Pressurized container: Do not pierce or burn, even after use. Do not handle or store near an open flame, heat or other sources of ignition. Do not use if spray button is missing or defective. Use only with adequate ventilation. Avoid prolonged exposure.
<b>Storage</b>	Level 3 Aerosol.  Contents under pressure. Do not puncture, incinerate or crush. The pressure in sealed containers can increase under the influence of heat. Do not expose to heat or store at temperatures above 120°F/49°C as can may burst. Avoid exposure to long periods of sunlight. Keep out of the reach of children.

## 8. Exposure Controls / Personal Protection

<b>Exposure limits</b>				
<b>ACGIH</b>				
<b>Components</b>	<b>CAS #</b>	<b>TWA</b>	<b>STEL</b>	<b>Ceiling</b>
Propane	74-98-6	1000 ppm	Not established	Not established
<b>OSHA</b>				
<b>Components</b>	<b>CAS #</b>	<b>TWA</b>	<b>STEL</b>	<b>Ceiling</b>
Propane	74-98-6	1000 ppm	Not established	Not established
<b>Engineering controls</b>	Ensure adequate ventilation, especially in confined areas.			
<b>Personal protective equipment</b>				
<b>Eye / face protection</b>	Not normally needed.			
<b>Skin protection</b>	No special protective equipment required.			
<b>Respiratory protection</b>	Wear positive pressure self-contained breathing apparatus (SCBA).			
<b>General hygiene considerations</b>	When using do not smoke. Handle in accordance with good industrial hygiene and safety practice.			

## 9. Physical & Chemical Properties

<b>Appearance</b>	Not available
<b>Color</b>	Pale yellow
<b>Odor</b>	Solvent.
<b>Physical state</b>	Liquid.
<b>Form</b>	Aerosol.
<b>Flammability (HOC)</b>	40.81 kJ/g estimated
<b>Flash back</b>	No
<b>Pressure</b>	45 - 55 psig @ 70F
<b>Solubility</b>	Negligible
<b>Flash point</b>	-156 °F (-104.4 °C) estimated

**Boiling point** 339.8 °F (171.1 °C) estimated  
**Specific gravity** 0.7287 estimated  
**pH** Not applicable

## 10. Chemical Stability & Reactivity Information

**Chemical stability** Stable at normal conditions.  
**Conditions to avoid** Heat, flames and sparks.  
**Hazardous decomposition products** May include oxides of nitrogen.

## 11. Toxicological Information

**Acute effects** Acute LD50: 5880 mg/kg estimated, Rat, Oral  
Acute LD50: 2747 mg/kg estimated, Rat, Dermal  
Acute LC50: 8 mg/l/4h estimated, Rat, Inhalation  
**Chronic effects** Hazardous by OSHA criteria. Repeated absorption may cause disorder of central nervous system, liver, kidneys and blood. Prolonged exposure may cause chronic effects.  
**Neurological effects** Hazardous by OSHA criteria.

## 12. Ecological Information

**Ecotoxicity** LC50 67.36 mg/L, Fish, 96.00 Hours,  
EC50 24423 mg/L, Daphnia, 48.00 Hours,  
Components of this product have been identified as having potential environmental concerns.

## 13. Disposal Considerations

**Waste codes** D001: Waste Flammable material with a flash point <140 F  
**Disposal instructions** Contents under pressure. Dispose of this material and its container at hazardous or special waste collection point. Incinerate the material under controlled conditions in an approved incinerator. Do not allow this material to drain into sewers/water supplies. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose in accordance with all applicable regulations.

## 14. Transport Information

### Department of Transportation (DOT) Requirements

**Basic shipping requirements:**  
**Proper shipping name** Consumer commodity  
**Hazard class** ORM-D  
**Subsidiary hazard class** None  
**Additional information:**  
**Packaging exceptions** 156, 306  
**Packaging non bulk** 156, 306  
**Packaging bulk** None

### IMDG

Not regulated as hazardous goods.

### IATA

Not regulated as hazardous goods.

## 15. Regulatory Information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.  
All components are on the U.S. EPA TSCA Inventory List.

CERCLA/SARA Hazardous Substances - Not applicable.

### Occupational Safety and Health Administration (OSHA)

**29 CFR 1910.1200 hazardous chemical** Yes

### CERCLA (Superfund) reportable quantity

None

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

<b>Hazard categories</b>	Immediate Hazard - Yes Delayed Hazard - Yes Fire Hazard - Yes Pressure Hazard - Yes Reactivity Hazard - No	
<b>Section 302 extremely hazardous substance</b>	No	
<b>Section 311 hazardous chemical</b>	Yes	
<b>Inventory status</b>		
<b>Country(s) or region</b>	<b>Inventory name</b>	<b>On inventory (yes/no)*</b>
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of New and Existing Chemicals (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

**State regulations****U.S. - Pennsylvania - RTK (Right to Know) List**

Propane	74-98-6	Present
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**16. Other Information**

<b>HMIS® ratings</b>	Health: 1 Flammability: 4 Physical hazard: 0
<b>Prepared by</b>	Regulatory Compliance
<b>Disclaimer</b>	The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. 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.
<b>Issue date</b>	13-Nov-2007