



MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Product number 985
Product name Citra Jinx Organic All Purpose Cleaner
Effective date 22-Jul-2008
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
Version # 09
Supersedes date 18-Jul-2008

2. Hazards Identification

Emergency overview CONTENTS UNDER PRESSURE. Aerosol. Pressurized container may explode when exposed to heat or flame.
Prolonged exposure may cause chronic effects.

Potential health effects

Eyes No hazard in normal industrial use.

Skin Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Inhalation Intentional misuse by concentrating and inhaling the product can be harmful or fatal.

Ingestion Exposure by ingestion of an aerosol is unlikely. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Target organs Central nervous system.

Chronic effects May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion, and blurred vision) and/or damage.

3. Composition / Information on Ingredients

Components	CAS #	Percent
d-Limonene	5989-27-5	3 - 5
Propane	74-98-6	3 - 5
n-Butane	106-97-8	3 - 5
Non-hazardous and other components below reportable levels		> 90

4. First Aid Measures

First aid procedures

Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops or persists.

Skin contact Immediately take off all contaminated clothing. Wash off with warm water and soap. Get medical attention if irritation develops or persists.

Inhalation Call a physician if symptoms develop or persist.

Ingestion Rinse mouth. Do not induce vomiting without medical advice. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. If ingestion of a large amount does occur, seek medical attention.

5. Fire Fighting Measures

Flammable properties Containers may explode when heated. Vapor or gas may spread to distant ignition sources and flash back.

Extinguishing media

Suitable extinguishing media Large Fires: Water spray, fog or regular foam.

Small Fires: Dry chemical, CO₂, water spray or regular foam.

Protection of firefighters

Protective equipment and precautions for firefighters

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.

6. Accidental Release Measures

Methods for containment

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.

Methods for cleaning up

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly.

7. Handling and Storage

Handling

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. Use only in area provided with appropriate exhaust ventilation. Do not use if spray button is missing or defective. Do not get this material in contact with eyes. Do not get this material in contact with skin. Avoid prolonged exposure.

Storage

Level 1 Aerosol.

Contents under pressure. Do not puncture, incinerate or crush. The pressure in sealed containers can increase under the influence of heat. Keep away from heat, sparks, and flame. Avoid exposure to long periods of sunlight. Store in cool place. Keep the container dry. Keep out of the reach of children.

8. Exposure Controls / Personal Protection

Exposure limits

ACGIH

Components	CAS #	TWA	STEL	Ceiling
Propane	74-98-6	1000 ppm	Not established	Not established
n-Butane	106-97-8	1000 ppm	Not established	Not established

OSHA

Components	CAS #	TWA	STEL	Ceiling
Propane	74-98-6	1000 ppm	Not established	Not established

Personal protective equipment

Eye / face protection

Not normally needed.

Skin protection

Protective gloves. Not normally needed.

Respiratory protection

No personal respiratory protective equipment normally required.

9. Physical & Chemical Properties

Appearance	Compressed liquefied gas.
Boiling point	201.2 °F (93.9 °C) estimated
Color	White.
Flammability (HOC)	4.6876 kJ/g estimated
Flash back	No
Flash point	-156 °F (-104.4 °C) estimated
Form	Aerosol.
Odor	fruity
pH	11.49 - 12.49
Physical state	Liquid.
Pressure	50 - 60 psig @ 70F
Solubility	Partially

Specific gravity 0.9526 estimated

10. Chemical Stability & Reactivity Information

Chemical stability Risk of ignition. Stable at normal conditions.
Conditions to avoid Heat, flames and sparks.
Incompatible materials None known.
Hazardous decomposition products May include oxides of nitrogen.

11. Toxicological Information

Acute effects Acute LD50: 42105 mg/kg estimated, Rat, Dermal
Sensitization Not expected to be hazardous by OSHA criteria.
Reproductive effects Not expected to be hazardous by OSHA criteria.
Teratogenicity Not expected to be hazardous by OSHA criteria.

12. Ecological Information

Ecotoxicity LC50 11890 mg/L estimated, Fish, 96.00 Hours,
EC50 49786 mg/L estimated, Daphnia, 48.00 Hours,
IC50 11489 mg/L estimated, Algae, 72.00 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 Consult authorities before disposal. Contents under pressure. Do not puncture, incinerate or crush. 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

Basic shipping requirements:

Proper shipping name AEROSOLS
Hazard class 2.1
UN number 1950
Additional information:
Packaging exceptions LTD QTY
Item 5F
Labels required None
Transport Category 2



