






SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	1637	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	KAPOW	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Organic Solvent Degreaser	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Flammable Aerosol: Category 2 Dissolved Gas Eye Irritant: Category 2b Aspiration Hazard: Category 1	SIGNAL WORD: DANGER	SYMBOL: 		
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HAZARD STATEMENTS:

Flammable aerosol. Contains gas under pressure; may explode if heated. Causes eye irritation. May be fatal if swallowed and enters airways. This product contains the following percentage of chemicals of unknown toxicity: 0%

PRECAUTIONARY STATEMENTS:

Prevention: Keep away from heat, sparks, open flames and hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Wash hands thoroughly after handling.
Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. IF SWALLOWED: Immediately call a poison center or doctor. Do NOT induce vomiting.
Storage: Store in a well-ventilated place. Store locked up.
Disposal: Dispose of contents and container in accordance with local, state and national regulations.

HAZARDS NOT OTHERWISE SPECIFIED:

Not available.

3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
1,8-p-Menthadiene	5989-27-5	5-10%
Petroleum Distillates, hydrotreated light	64742-47-8	60-100%
Carbon Dioxide	124-38-9	1-5%
Propane	68476-86-8	1-5%

4. First Aid Measures

EMERGENCY OVERVIEW

EYES: Remove contact lenses. Flush with water for at least 15 minutes. See a physician if irritation persists.

SKIN: Wash thoroughly with soap and water.

INHALATION:

Move to fresh air. If breathing is difficult, administer oxygen. If not breathing, administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.

INGESTION:

If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting.

ACUTE HEALTH HAZARDS:

Eye: Stinging, tearing, redness.

Oral: Aspiration risk.

Skin: Prolonged or repeated contact may dry skin.

CHRONIC HEALTH HAZARDS:

None known.

NOTE TO PHYSICIAN:

There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Carbon dioxide and foam (NFPA Class B Extinguishers).

UNSUITABLE FIRE EXTINGUISHING MEDIA:

Water spray/stream.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid contact with skin and breathing smoke, fumes and decomposition products.

SPECIFIC FIRE-FIGHTING METHODS:

Cool fire exposed containers with water fog to prevent bursting. Keep away from sparks, open flames and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

HAZARDOUS COMBUSTION PRODUCTS:

None known.

6. Accidental Release Measures**PERSONAL PRECAUTIONS:**

Refer to Section 8 for proper personal protective equipment.

SPILL: Eliminate all sources of ignition. Absorb liquid with noncombustible material like vermiculite, sand or earth and clean up with mop or rag.**WASTE DISPOSAL:**

Dispose of in accordance with federal, state and local regulations.

RCRA STATUS:

Product should be fully characterized prior to disposal (40 CFR 261).

7. Handling and Storage**SAFE STORAGE:**

Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use. Store locked up.

SAFE HANDLING & INCOMPATIBILITY:

Keep out of the reach of children. Strong oxidizing agents. Strong reducing agents.

8. Exposure Controls / Personal Protection

Hazardous Ingredient	OSHA PEL	ACGIH TLV
1,8-p-Menthadiene	Not available.	Not available.
Petroleum Distillates, hydrotreated light	0.5 mg/m ³	0.5 mg/m ³
Carbon Dioxide	5000 ppm	5000 ppm
Propane	1000 ppm	1000 ppm

PERSONAL PROTECTIVE EQUIPMENT:**Eye/Face Protection:** Safety glasses.**Skin Protection:** Chemical resistant gloves.**Respiratory Protection:** Wear NIOSH/MSHA approved respiratory protection if used in confined, poorly ventilated areas.**General Hygiene Considerations:** Wash hands and clothing in contact with product after use.**APPROPRIATE ENGINEERING CONTROLS:**

General ventilation adequate but local exhaust/ventilation preferred.

9. Physical & Chemical Properties

Appearance:	Clear spray.	Flammability:	Flammable aerosol.
Odor:	Citrus-petroleum.	Flammability Limit-lower (%):	Not determined.
Odor Threshold:	1ppm	Flammability Limit-upper (%):	Not determined.
pH:	Not available.	Vapor Density (AIR=1):	4.7.
Freezing Point:	Not determined.	Vapor Pressure (mm Hg):	30 @ 77°C.
Boiling Point:	>350°F.	Solubility (water):	100%.
Viscosity:	Not determined.	Auto-Ignition Temp:	Not determined.
Flash Point:	Not determined.	Decomposition Temp:	Not determined.
Specific Gravity (H₂O =1):	0.81@ 77°F (25°C).	Partition Coeff(n-octanol/water):	Not determined.
Evaporation Rate:	< 1.	Solids (%):	Not determined.
Volatility Including Water (%):	13%.	Dielectric Strength (Volts):	Not available.
Volatile Organic Compounds (VOC):	9.7%.		

10. Stability & Reactivity Information**REACTIVITY:**

If exposed to strong oxidizers, presents explosion hazard.

CHEMICAL STABILITY:

Stable.

POSSIBILITY OF HAZARDOUS REACTIONS:

None known.

CONDITIONS TO AVOID:

None known.

INCOMPATIBLE MATERIALS:

Strong oxidizing agents. Strong reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon monoxide and unidentified organic compounds may be formed during combustion.

11. Toxicological Information**TOXICOLOGICAL INFO:** Not established.**PRIMARY ROUTE OF ENTRY:****Eyes:** Causes irritation.**Skin:** May cause mild irritation, localized defatting, dryness.**Inhalation:** Causes dizziness.**Ingestion:** Causes gastrointestinal irritation, nausea, diarrhea, vomiting.

MEDICAL CONDITION AGGRAVATED

Pre-existing disorders of the skin, respiratory system and eyes will be aggravated by over exposure.

ACUTE TOXICITY:

Eye: Stinging, tearing, redness.

Oral: Aspiration risk.

Skin: Prolonged or repeated contact may dry skin.

CARCINOGENICITY:

OSHA: No

ACGIH: No

NTP: No

IARC: No

OTHER: Not available.

CHRONIC EFFECTS:

None known.

12. Ecological Information**ECOTOXICITY:**

Not established.

PERSISTENCE AND DEGRADABILITY:

This product is biodegradable.

BIOACCUMULATIVE POTENTIAL:

This product is not expected to bioaccumulate.

MOBILITY IN SOIL:

This product is mobile in soil.

OTHER ADVERSE EFFECTS:

None known.

13. Disposal Consideration**DISPOSAL INSTRUCTIONS:**

Dispose of in accordance with federal, state and local regulations.

RCRA STATUS:

Product should be fully characterized prior to disposal (40 CFR 261).

14. Transportation Information**DOT: UN Number:** UN1950

UN Proper Shipping Name: Aerosols, Ltd. Qty.

Transport Hazard Class(es):

Class: 2.1

Packing Group: Not applicable.

IATA: UN Number: UN1950

UN Proper Shipping Name: Aerosols, Ltd. Qty.

Transport Hazard Class(es):

Class: 2.1

Subsidiary risk: -

Label(s): 2.1

IMDG: UN Number: UN1950

UN Proper Shipping Name: Aerosols, Ltd. Qty.

Transport Hazard Class(es):

Class: 2.1

Environmental Hazards Water: Not applicable.

15. Regulatory Information**US FEDERAL REGULATIONS:**

TSCA STATUS: All chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None

SARA 311/312 HAZARD CATEGORIES: None.

SARA 313 REPORTABLE INGREDIENTS: None.

CLEAN WATER ACT: None.

US STATE REGULATIONS:

California Proposition 65: None.

INTERNATIONAL REGULATIONS:

All components are listed or exempted.

16. Other Information**DISCLAIMER:**

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability 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 hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.