



# Material Safety Data Sheet

## MSDS: CA-1

## SECTION 1: CHEMICAL PRODUCT AND COMPANY INFORMATION

**Company:**  
IDQ Operating, Inc.  
2901 W Kingsley Rd.  
Garland, Texas 75041  
Phone No.: 1-888-396-0422

<b>HAZARD RATING</b>		<b>SCALE</b>
Health	1	<i>0 = Insignificant</i>
Fire:	4	<i>1 = Slight</i>
Reactivity:	0	<i>2 = Moderate</i>
Special:	--	<i>3 = High</i>
Toxicity:	1	<i>4 = Extreme</i>

**Emergency Contact:** CHEMTRAC 1-800-424-9300 (US)  
01-800-681-9531 (within México)  
001-703-527-3887 (from outside the US)

**Product Description:** AC Pro Aerosol Power Clean & Flush

**Product Code:** CA-1

## SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

No.	Description	CAS Reg. No.	Units	Amount
1	D' Limonene	5989-27-5	% Weight	<25%
2	Aliphatic Petroleum Distillate	64742-47-8	% Weight	<75%
3	Carbon Dioxide	124-38-9	% Weight	< 4%

### **SECTION 3: HAZARDS INFORMATION**

**DANGER.** Extremely flammable. Eye and skin irritant. Harmful if swallowed. Avoid breathing vapor. Keep away from heat and flame. Contents under pressure. Do not puncture or incinerate container.

**Portals of Entry:** Inhalation, eye contact, ingestion, skin contact.

**Inhalation:** High concentrations of vapors may irritate nose and throat. Breathing of vapor may cause central nervous system depression, resulting in dizziness, light-headedness, headache, loss of coordination

**Eye Contact:** Direct spray or vapors will irritate and may harm eyes

**Skin Contact:** Product may cause irritation of skin. Prolonged contact can cause redness, irritation and drying of the skin.

**Ingestion:** Causes gastrointestinal irritation, resulting in nausea and vomiting.

**Effects of Repeated Exposure:** Prolonged or repeated exposure can cause drying, defatting and dermatitis of skin.

### **Primary Routes of Exposure:** Skin

#### SECTION 4: FIRST AID MEASURES

**Inhalation:** Remove victim to fresh air. Apply artificial respiration if needed. Get medical attention.

**Eye Contact:** Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation persists.

**Skin Contact:** Remove contaminated clothing and wash skin with soap and water. Get medical attention if irritation persists.

**Ingestion:** If swallowed do NOT induce vomiting. Get medical attention immediately.

#### SECTION 5: FIRE FIGHTING MEASURES

**Extinguishing Media:** Foam, Dry Chemical (B-C), CO<sub>2</sub>

**Fire Fighting Procedures:** Keep containers cool using water spray. Use proper equipment to protect personnel from bursting containers.

**Special Protective Equipment for Firefighters:**

**Unusual Fire and Explosion Hazards:** Contents under pressure. Do not expose to temperatures exceeding 120 °F as containers may vent, rupture or burst.

#### FIRE AND EXPLOSIVE PROPERTIES:

PROPERTY	PACKAGED PRODUCT
Flash Point – TCC Method:	48.8 °C / 120 °F
Flame Extension:	> 18 “
Auto-Ignition Temperature (°C):	
Lower Explosive Limit (ppm):	N/A
Upper Explosive Limit (ppm):	N/A

#### SECTION 6: ACCIDENTAL SPILL OR LEAK RELEASE INFORMATION

**Personal Protection:** Wear protective clothing including splash proof goggles, rubber gloves and rubber overshoes. Remove all contaminated clothing promptly. See the PERSONAL PROTECTION MEASURES Section for recommendations. If exposed to material during clean-up operations, see the FIRST AID PROCEDURES Section for actions to follow.

**Procedures:** Absorb spill with inert material then place in a chemical waste container. Dispose of spill material in accordance with local, state or federal regulations.

**CAUTION:** Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

#### SECTION 7: HANDLING AND STORAGE

**Storage Conditions:** Use with adequate ventilation. Keep out of reach of children. Do not store at temperatures above 120 °F. Do not puncture or incinerate containers. Store in accordance with NFPA 30B for level 3 Aerosol.

**Handling Procedures:** Avoid contact with eyes, skin and clothing. Ensure that containers are properly secured before moving.

**Other Precautions:** Read label precautions carefully. Follow label directions to avoid injury.

#### **SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**Respiratory Protection:** Use respirator only as a last resort to control exposure.

**Eye Protection:** Safety glasses or goggles.

**Hand Protection:** Chemical resistant gloves.

**Other Protection:**

#### **FACILITY CONTROL MEASURES:**

**Ventilation:** Maintain adequate ventilation

**Other Protective Equipment:** Wash hands after use

#### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

##### **TYPICAL PHYSICAL PROPERTIES:**

Appearance: Clear liquid

Color: Colorless

State: Liquid

Odor Characteristics: Citrus odor

Viscosity SUS:

Specific Gravity (Water = 1): 0.79 – 0.81 g/ml

Vapor Density (Air = 1.0):

Vapor Pressure (psi): 845

Melting Point:

Boiling Point: > 140 °F

Solubility in Water: Insoluble

Evaporation Rate (n-butyl acetate = 1.0): < 1.00

pH (product or water extract) 9.0 – 9.5

Percent Volatility (% weight): 97 %

## SECTION 10: STABILITY AND REACTIVITY

**Stability:** Stable.

**Conditions to Avoid:** Open flames. Temperature > 120 °F

**Hazardous Decomposition Products:** CO, CO<sub>2</sub>, Hydrocarbons, Ammonia

**Hazardous Polymerization:** Will not occur.

**Incompatibility:** Avoid contact with strong oxidants.

## SECTION 11: TOXICOLOGICAL INFORMATION

### COMPONENT EXPOSURE INFORMATION:

Component Information:

No.	Description	CAS Reg. No.	OSHA PEL/ACGIH TLV
1	D' Limonene	5989- 27-5	Not determined
2	Aliphatic Petroleum Distillate	64742-47-8	100 ppm
3	Carbon dioxide	124-38-9	800 ppm

## SECTION 12: ECOLOGICAL INFORMATION

**Persistence and Degradation:** Not available

## SECTION 13: DISPOSAL INFORMATION

### WASTE DISPOSAL:

**Procedure:** For disposal, dispose this material at a facility that complies with local, state, and federal regulations. Dispose product by incineration in an approved chemical waste facility. Avoid land filling liquids.

## SECTION 14: TRANSPORTATION INFORMATION

### DOT Hazard Description:

**Proper Shipping Name:** CONSUMER COMMODITY  
**Hazard Class:** ORM-D  
**Identification Number:** NA

### IMDG Hazard Description:

**Proper Shipping Name:** AEROSOLS, FLAMMABLE (MARINE POLLUTANT)  
**Hazard Class:** 2.1  
**Identification Number:** UN1950

## **SECTION 15: REGULATORY INFORMATION**

TSCA (Toxic Substances Control Act): All components of this product are on the TSCA list

Title III Section 311/312 Hazardous Categories - 40 CFR 370.2:

ACUTE (X) Chronic ( ) Fire (X) Pressure (X) Reactive ( ) Not Applicable ( )

(1) Title III Section 302/304 Extremely Hazardous Substances - 40 CFR 355 Appendix A

(2) Title III Section 313 Toxic Chemicals - 40 CFR 372.65

## **SECTION 16: OTHER INFORMATION**

All information, recommendations, and suggestions made by IDQ, Inc. ("Company") appearing herein concerning our product are based upon tests and data believed to be reliable. However, because of the variable characteristics of analytical procedures and samples, and the inability to control its customers' uses of the information and recommendations, or the related products or materials, Company makes NO WARRANTY, EXPRESS OR IMPLIED as to the accuracy of the information or recommendations or that such are fit for any general or specific purpose, whatsoever. Company shall have NO LIABILITY arising from the use by its customers or any third parties of the information and recommendations, and it shall be each customer's sole responsibility to determine the suitability for its own use of any information or recommendations provided by Company.

**MSDS Date:** 03-16-2009