

# Aerko International

3410 NE 5th Avenue, Oakland Park, Florida 33334

## MATERIAL SAFETY DATA SHEET

DATE OF PREPARATION: January 29, 1990

EMERGENCY TELEPHONE NUMBER:(954) 565-8475

LAST UPDATED: January 3, 2005

AFTER HOURS: 800-424-9300

### SECTION I: PRODUCT IDENTIFICATION

**Product Name:** CLEAR OUT, KEYHOLER, AUTO EJECTOR COMMAND PAK II  
**Product Number:** COA825, KH848, AEA841  
**Product Class:** Aerosol Device (Total Release) Irritant  
**D.O.T. Shipping Class:** ORM-D Consumer Commodity

### SECTION II: HAZARDOUS INGREDIENTS

OCCUPATIONAL INGREDIENT	EXPOSURE LIMITS		VAPOR PRESSURE
	TLV	PEL	
PROPRIETARY BLEND CARRIER	1000 PPM	223 PPM	96.55 PPM
TRADE SECRET: As defined in Hazard Communication			
Act 29 CFR 1910.1200 Para 1 (i) end Appendix D to			
CFR 1910.1200			
PROPELLANT: Dymel 134A	1000 PPM	1000 PPM	96 PSIG @ 70° F
PERCENT			
ACTIVE INGREDIENT			
ORTHOCHLOROBENZALMALONONITRILE	0.05	0.05	N/A
OLEORESIN CAPSICUM	2 MILLION SHU	None Established	Not Known

### SECTION III: PHYSICAL DATA

<b>Boiling Range:</b>	237
<b>Vapor Density:</b>	2.1 (air=1) Heavier than air
<b>Percentage Volatile by weight:</b>	98%
<b>Evaporation Rate:</b>	1.7 (Butyl Acetate=1)
<b>Weight per gallon:</b>	Greater than 9 lbs.
<b>Specific Gravity:</b>	0.786 @ 68° F
<b>Appearance:</b>	Transparent Cloud
<b>Odor:</b>	Slight Pungent Odor

## SECTION IV: FIRE AND SAFETY EXPLOSION HAZARD DATA

<b>Flammability Classification OSHA:</b>	Non Flammable
<b>Shipping Classification D.O.T.:</b>	ORM-D
<b>Flash Point:</b>	165.5° F
<b>Flammable Levels in Air:</b>	Lower: N/A Upper: N/A
<b>Extinguishing Media:</b>	Foam, Water Fog, CO <sub>2</sub>

**Unusual Fire and Explosion Hazards:** Do not expose to heat or flame or store above 120° F as high internal pressures may cause leaking.

**Special Fire Fighting Procedures:** Full protective equipment including self contained breathing apparatus should be used, Fog nozzles should be used to cool closed containers to prevent pressure buildup. Move undamaged containers from fire area if accomplished without risk.

## SECTION V: HEALTH HAZARD DATA

**PRIMARY ROUTE (S) OF ENTRY:** Dermal, Inhalation

### EMERGENCY AND FIRST AID PROCEDURES

**EYES:** Flush eyes with large quantities of water to speed recovery. Face subject into wind or forced air source such as fans or air conditioning outlet.

**SKIN CONTACT:** Wash affected area with soap and water to avoid transfer to more sensitive areas. Slight burning sensation with skin contact in most areas. Use no creams or salves.

**INHALATION:** Irritant, stimulation of facial nerves causes feeling of restricted airway. No danger exists for asphyxiation.

Remove persons to fresh air.

**INGESTION:** Severe burning heartburn sensation may cause nausea. Seek medical attention if nausea persists.

### **PHYSIOLOGICAL EFFECTS AND HEALTH INFORMATION**

**EYE EFFECTS:** This product is an eye irritant, Tearing and redness may occur. This product has been thoroughly tested by FDA approved Labs and has been found to have minor non persistent eye irritation, to be non toxic, and not to cause dermatitis.

## **SECTION VI: REACTIVITY DATA**

**STABILITY:** Stable

**HAZARDOUS POLYMERIZATION:** Will Not Occur

**CONDITIONS TO AVOID:** Heat, open flames, electrical and static discharges.

**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong Acids, Alkalies and Oxidizers.

## **SECTION VII: SPILL OR LEAK PROCEDURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Ventilate area. Remove all possible sources of ignition. Avoid prolonged breathing of vapors. Confine spill with inert absorbent. Wear protective equipment during clean up.

**WASTE DISPOSAL:** Incinerate in an approved incinerator or dispose of in accordance with Local, State and Federal Regulations.

## **SECTION VIII: SAFE HANDLING AND USE INFORMATION**

**RESPIRATORY PROTECTION:** Use NIOSH/MSHA approved Chemical/Mechanical type filter system to remove a combination or particles, gas & vapor. Use air line if necessary.

**VENTILATION:** Use adequate ventilation in volume and pattern to keep LEL and TLV's in Section II below recommended level to produce explosion or fire. General mechanical ventilation should comply with OSHA 1910.94.

**PROTECTIVE GLOVES:** Use rubber gloves.

**EYE PROTECTION:** Safety glasses or goggles with splash guards or side shields.

**OTHER PROTECTIVE EQUIPMENT:** Prevent prolonged skin contact to contaminated clothing.

## **SECTION IX: SPECIAL PRECAUTIONS**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Store in a cool dry area away from sources of ignition. When storing large quantities, store in building designed and protected against fire.

DO NOT STORE IN DIRECT SUNLIGHT OR ABOVE 120<sup>0</sup> F.

**OTHER PRECAUTIONS:** "FOR INDUSTRIAL USE ONLY" Do not take internally. If ingested, DO NOT INDUCE VOMITING. Consult a physician.

**THE INFORMATION CONTAINED HEREIN IS BASED ON TECHNICAL DATA WHICH WE BELIEVE TO BE RELIABLE, HOWEVER, SINCE THE CONDITIONS UNDER WHICH THIS INFORMATION MAY BE APPLIED ARE BEYOND OUR CONTROL WE CAN ASSUME NO LIABILITY FOR RESULTS OF ITS APPLICATION. THIS INFORMATION SHOULD BE USED ONLY BY PERSONS HAVING SUFFICIENT TECHNICAL SKILL TO MAKE INFORMED JUDGMENTS REGARDING ITS APPLICATION.**