

# MATERIAL SAFETY DATA SHEET

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## SECTION I - IDENTIFICATION

### CHEMICAL NAME & SYNONYMS

Plug & Contact Cleaner KL-609, KL-610  
Aerosol Model Engine Cleaner KL-611

### TRADE NAME:

Klotz

## SECTION II - HAZARDOUS COMPONENTS

### METHYL CHLOROFORM

PERCENT:	95%
OSAH PEL:	350
TLV PPM:	350
TLV MG/M3:	1900.00
LEL:	7.5
CAS NO:	00071-55-6

### CARBON DIOXIDE

<5
5000
5000
9000.00
NONE
00124-38-9

@ - SARA TITLE III see below

### AEROSOL - CONTENTS UNDER PRESSURE

85 + / - 5 PSIG

### CARCINOGENICITY

THIS PRODUCT IS NOT CONSIDERED TO BE A CARCINOGEN BY THE NATIONAL TOXICOLOGY PROGRAM, THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER, THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION, OR NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY & HEALTH

**SARA:** These ingredients are subject to SARA TITLE III Section 313 reporting for SuperFund Amendments and Reauthorization Act of 1986 and CFR part 372.

**SARA:** Aerosol products are subject to SARA TITLE III Section 312 reporting for SuperFund Amendments and Reauthorization Act of 1986 and CFR 40 part 372.

**PURSUANT TO PROPOSITION 65:** CERTAIN RAW MATERIALS USED IN MAKING THIS PRODUCT MAY CONTAIN SMALL AMOUNTS OF MATERIALS AS IMPURITIES WHICH ARE

## SECTION II - HAZARDOUS COMPONENTS (cont)

### PURSUANT TO PROPOSITION 65 (cont):

REGULATED BY PROPOSITION 65. SEE SECTION IX.

## SECTION III - PHYSICAL DATA

### BOILING RANGE

Propellant below 0.0 °F

### VAPOR DENSITY

Heavier than Air

### % VOLATILE BY WT.

100%

### EVAPORATION RATE

Faster than Ether Propellants

### PH

N/A

### SPECIFIC GRAVITY

N/A

### SOLUBILITY IN WATER

N/A

### APPEARANCE & ODOR

Cleaners

### VAPOR PRESSURE

N/A

### WEIGHT PER GAL

N/A

### MELTING POINT

N/A

## SECTION IV - FIRE & EXPLOSION HAZARD INFORMATION

### DOT CATEGORY

Consumer Commodity ORM-D

### FLASH POINT

None

### LEL

See Section II

**EXTINGUISHING MEDIA:** N/A

### UNUSUAL FIRE & EXPLOSION HAZARDS:

Keep at room temperature as exposure to direct sunlight or other heat may cause bursting (see section VI, IX)

### SPECIAL FIRE FIGHTING PROCEDURES:

Water may be ineffective - water may be used to keep fire exposed containers cool.

## SECTION V - REACTIVITY DATA

### STABILITY

Stable

### INCOMPATIBILITY

None

### CONDITIONS TO AVOID

Do not store above 120 °F

## SECTION V - REACTIVITY DATA (cont)

### HAZARDOUS POLYMERIZATION:

Will not occur

### HAZARDOUS DECOMPOSITION PRODUCTS (By Open Flame):

Nonflammable-However if sprayed into open flame, fumes may contain toxic fumes of chlorides and fluorides. Hydrogen Chloride, and Phosgene Gas

## SECTION VI - SPILL, LEAK, & DISPOSAL PROCEDURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Ventilate area - especially low places where vapors collect, avoid breathing vapors and remove with inert absorbent.

### WASTE DISPOSAL METHOD

DO NOT incinerate - dispose in accordance with Federal, State, and Local regulations regarding pollution

## SECTION VII - HEALTH HAZARD DATA

### EFFECTS OF OVEREXPOSURE:

In a confined area vapors in high concentration are anesthetic. Irritant to skin and upper respiratory system. Over-exposure may result in light-headedness, staggering gait, giddiness and possible nausea. Harmful or fatal if swallowed.

### CHRONIC:

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage, also kidney and liver damage.

### ROUTES OF ENTRY:

Inhalation

Skin

Ingestion

## SECTION VIII - FIRST AID PROCEDURES

### EMERGENCY & FIRST AID PROCEDURES:

## SECTION VIII - FIRST AID PROCEDURES (cont)

**Breathing:** Remove patient to fresh air.

**Eyes:** Flush with water for at least 15 minutes

**Skin:** Wash with soap and water

**Swallowing:** Call physician immediately. DO NOT induce vomiting

## SECTION IX - SPECIAL PROTECTION INFORMATION

### RESPIRATORY PROTECTION:

Avoid breathing of vapors or spray mist (see section X)

If personal exposure cannot be controlled below applicable limits by ventilation, wear properly fitted respirator approved by NIOSH/MSHA for protection against materials in Section II.

### VENTILATION:

Provide local exhaust ventilation in volume and pattern to keep TLV of all hazardous ingredients in Section II below acceptable limit, and LEL in Section II below stated limit.

### PROTECTIVE GLOVES:

For prolonged or repeated contact, wear gloves which are recommended by glove supplier for protection against materials in section II.

### EYE PROTECTION:

For prolonged use in close quarters recommend safety glasses with unperforated sideshields.

### PRECAUTIONS TO BE TAKEN IN HANDLING & STORING

Do not store above 120°F. Keep at room temperature as exposure to direct sunlight or heat may cause bursting.

### OTHER PRECAUTIONS

Keep away from children

Do not puncture or incinerate

Do not spray near fire or open flame

## SECTION IX - SPECIAL PROTECTION INFORMATION (cont)

### PURSUANT TO PROPOSITION 65

Proposition 65 applies to a list of chemicals named by the Governor of California as carcinogens or reproductive toxins. Warning requirements for specific chemicals take effect one year after they are added to the Governor's list. Other chemicals already added to the Governor's list will be regulated later under proposition 65.

COMMUNICATION OF PHYSICAL PROPERTY, HEALTH, AND SAFETY INFORMATION IS A KEY FACTOR IN OUR PRODUCT SAFETY PROGRAM. WITH THIS INFORMATION YOU CAN BETTER FULFILL YOUR OBLIGATION TO EDUCATE EXPOSED PERSONNEL IN THE PROPER HANDLING TECHNIQUES REQUIRED TO MAINTAIN SAFETY IN THE WORKPLACE. LISTED IN THIS SECTION IS NPCA-HMIS CLASSIFICATION FOR THIS PRODUCT.

#### HMIS CLASSIFICATION CODE

HEALTH:	2 MODERATE HAZARD
FLAMMABILITY:	0 MINIMAL HAZARD
REACTIVITY:	0 MINIMAL HAZARD
PERSONAL PROTECTION:	D FACE SHIELD, GLOVES, APRON

THE ABOVE INFORMATION PERTAINS TO THIS PRODUCT AS CURRENTLY FORMULATED, AND IS BASED ON THE INFORMATION AVAILABLE AT THIS TIME. ADDITION OF REDUCERS OR OTHER ADDITIVES TO THIS PRODUCT MAY SUBSTANTIALLY ALTER THE COMPOSITION AND HAZARDS OF THE PRODUCT. SINCE CONDITIONS OF USE ARE OUTSIDE OUR CONTROL WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED, AND ASSUME NO LIABILITY IN CONNECTION WITH ANY USE OF THIS INFORMATION.

## SECTION X - DOT TRANSPORTATION

DOT ORM-D

NOT A MARINE POLLUTANT