

PRODUCT CODE: 84449 PRODUCT NAME: KAR GOLD CARB AND CHOKE CLEANER

This form may be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

IDENTITY (As Used on Label and List): **KAR GOLD CARB AND CHOKE CLEANER****SECTION I - Product Identification****MANUFACTURERS NAME AND ADDRESS:**KAR PRODUCTS
461 N. Third Avenue
Des Plaines, IL. 60016**TELEPHONE NUMBERS:**Rush Poison Control (800)752-7869
Emergency: () -
Information: (708)296-6111Date Entered: 10/19/92
Last Revision: 09/03/93
MSDS Printed: 10/29/93**SYNONYMS:****CHEMICAL FAMILY:****HAZARD LABEL:****MOLECULAR FORMULA:****MOLECULAR WEIGHT:** NE or NA**NFPA RATINGS: (0-4)**Health: 2
Flammability: 4
Reactivity: 0**NFPA SPECIFIC HAZARDS****SECTION II - Hazardous Ingredients/Identity Information**

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY/COMMON NAME)	CAS #	OSHA PEL	ACGIH TLV	OTHER LIMITS	PERCENTAGE
Xylene (mixed isomers) (Benzene, dimethyl-)	1330-20-7	*100	100	150 (STEL)	1.0 - 10.0
Propylene Glycol T-butyl Ether	57018-52-7	NE	NE	NE	1.0 - 10.0
*Methyl Ethyl Ketone (2-Butanone)	78-93-3	*200	200	300	1.0 - 10.0
Morpholine	110-91-8	20	20	30	1.0 - 10.0
Propane	74-98-6	1000	1000	Asphyxiant	8.0
Water	7723-18-5				60.0 - 70.0
NON HAZARDOUS INGREDIENT	NON HAZARD				1.0 - 10.0

SECTION III - Physical/Chemical Characteristics

BOILING POINT: -42.1 °F **SPECIFIC GRAVITY (Water = 1):** 0.9 **pH:** 9.5
MELTING POINT: NE or NA **VAPOR PRESSURE (mm Hg):** . . . 85 at 70.0 °F
PHYSICAL STATES: [] Gas **VAPOR DENSITY (Air=1):** 4.0
 [X] Liquid **EVAPORATION RATE:** 1
 [] Solid **(Butyl Acetate=1)**
 SOLUBILITY IN WATER: Soluble
 PERCENT VOLATILE: 31.3 % by weight.

APPEARANCE AND ODOR:

Clear/Solvent

SECTION IV - Fire and Explosion Hazard Data**FLASH PT:** -156.0 °F **METHOD USED:** TCC **EXPLOSIVE LIMITS:** **LEL:** 2.3 **UEL:** 9.5**EXTINGUISHING MEDIA:**

Use water fog, dry chemical or carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES:

Aerosol cans may rupture when heated.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Heated cans may burst.

SECTION V - Reactivity Data**STABILITY:** Unstable [] Stable [X]**CONDITIONS TO AVOID (Instability):**

High Temperatures

INCOMPATIBILITY (MATERIALS TO AVOID):

Strong oxidizers, acids, dehydrating agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

In fire will decompose to water, carbon dioxide.

HAZARDOUS POLYMERIZATION: May occur [] Will not occur [X]**CONDITIONS TO AVOID (Hazardous Polymerization):**

None

SECTION VI - Health Hazard Data**ROUTE(S) OF ENTRY:** Inhalation? Y Skin? Y Eyes? Ingestion? Y Other:**HEALTH HAZARDS (Acute and Chronic):**

May cause dizziness or narcosis in high vapor concentrations. Will cause defatting of skin. Effects are reversible. Long term exposure (years) to high concentrations of vapors may cause lung, liver or kidney damage. The solvents listed have been reported to affect the central nervous system. Aspiration hazard if swallowed, eye and skin irritant. Methyl Ketone has produced embryotoxic effects in laboratory animals. May cause nose and throat irritation. Propylene glycol T-butyl ether has the potential for significant skin absorption. Morpholine may cause corneal injury and may burn skin, mouth, throat, respiratory tract and lungs.

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CARCINOGENICITY: NTP? IARC Monographs? OSHA Regulated? See SECTION IX - Additional Comments

RECOMMENDED EXPOSURE LIMITS: LD 50/LC 50:

SIGNS AND SYMPTOMS OF EXPOSURE:

Inhalation - Difficulty in breathing. Skin - redness. Ingestion - vomiting.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Heart Disease, Respiratory Disorders.

EMERGENCY AND FIRST AID PROCEDURES:

Give oxygen - Do not induce vomiting. Gastric lavage. Wash eyes and skin with water.

SECTION VII - Precautions for Safe Handling & Use

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

Use absorbent sweeping compound to soak up material. Put into container. Dispose of as hazardous waste.

WASTE DISPOSAL METHOD:

Dispose of as hazardous waste in accordance with EPA RCRA.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

HAZARD LABEL INFORMATION:

Keep away from heat, sparks, or open flame. Store at temperatures below 120 F.

OTHER PRECAUTIONS:

When spraying more than one half can continuously or more than one can consecutively, use NIOSH approved respirator.

SECTION VIII - Control Measures

PROTECTIVE EQUIPMENT SUMMARY - HAZARD LABEL INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): Self-contained breathing apparatus TLV limit is exceeded.

VENTILATION:

LOCAL EXHAUST: Yes

MECHANICAL (GENERAL):

SPECIAL:

OTHER:

PROTECTIVE GLOVES: Not required if spraying

EYE PROTECTION: Wear eye protection.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Wear long sleeves and long pants

WORK/HYGIENIC/MAINTENANCE PRACTICES:

Do not smoke while using. Wash hands after use.

SECTION IX - Additional Comments

SECTION I: HMIS Rating: Health - 1, Flammability - 4, Reactivity - 0.

SECTION II - Technical grade xylene contains 18-20% ethyl benzene (100-41-4) which has 100 ppm PEL, 100ppm TLV, 125 ppm STEL and is subject to the reporting requirements of Section 313 SARA Title III.

* All chemicals marked with an asterisk (*) are toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture or trade name product is sold. This statement must remain a part of this Material Safety Data.

Section III - Boiling Point Range -42.1 F to 212 F

Section VI - Carcinogenicity: Morpholine may contain trace amounts of ethylene oxide which is known to cause cancer.