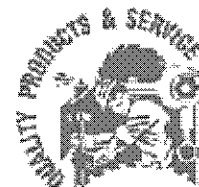


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**Barnes Distribution**

**1301 E. 9th Street, #700  
Cleveland OH 44114  
(800) 726-9626**



**Material Safety Data Sheet**

**MSDS Form No. : 70003  
Item No. : 70003**

**\*\*\*\* MATERIAL SAFETY DATA SHEET \*\*\*\***

**BATTERY CLEANER AND PROTECTOR**

**Part # 70003**

**\*\*\*\* SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION \*\*\*\***

**MSDS Name: BATTERY CLEANER AND PROTECTOR**

**Product CAS:**

**Product Code:**

**Synonyms: 70003; BATTERY CLEANER AND PROTECTOR ; KP70003; KP70003S**

**Company Identification:**

**Name: KAR PRODUCTS**

**Address: 461 N. THIRD AVE.**

**Address:**

**City: DES PLAINES State: IL Zip: 60016**

**For information, call: 708-296-6111**

**Emergency Number: 800-752-7869**

**Emergency Agency:**

**Number:**

**MSDS Creation Date: 1/12/2004**

**Supersedes Date:**

**\*\*\*\* SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS \*\*\*\***

Chemical Name	CAS	MIN	MAX
PROPANE-ISOBUTANE-N-BUTANE	74-98-6	20	30
GREASE	64742-52-5	20	30
PERCHLOROETHYLENE	127-18-4	20	30
RESIDUAL OIL	64742-57-0	20	30

**Miscellaneous:**

**CHEMICAL**

**ACGIH TLV**

**OSHA PEL**

**UNITS**

	TWA	STEL	TWA	STEL	
PROPANE-ISOBUTANE	1000	ASPHYXIAN	1000	ASPHYXIAN	PPM
GREASE	NA	NA	NA	NA	NA
PERCHLOROETHYLENE	25	100	100	NA	PPM
RESIDUAL OIL	5	NA	5	NA	MG/M3

Lbs of VOC per Gallon Coating (minus water): 0  
Coating Density (lbs/gal): 0  
Solvent Density (lbs/gal): 0  
Percent Solvent (volume): 0  
Percent Solids (volume): 0  
Percent Water (volume): 0

\*\*\*\* SECTION 3 - HAZARDS IDENTIFICATION \*\*\*\*

NFPA: Health: 2 Fire: 4 Reactivity: 0 Other:  
HMIS: Health: 2 Fire: 4 Reactivity: 0 Special Protection:

POTENTIAL HEALTH EFFECTS

Target Organs:

Eye:  
IRRITATING AND CAN CAUSE PAIN, REDDENING.

Skin:  
PROLONGED OR REPEATED CONTACT CAN RESULT IN DEFATTING AND DRYING OF THE SKIN WHICH  
MAY RESULT  
IN SKIN IRRITATION AND DERMATITIS (RASH).

Ingestion:  
MAY CAUSE IRRITATION OF THE DIGESTIVE TRACT.

Inhalation:  
HARMFUL IF INHALED. HEADACHES, DIZZINESS, NAUSEA.

Miscellaneous:

\*\*\*\* SECTION 4 - FIRST AID MEASURES \*\*\*\*

Eye:  
IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER. GET MEDICAL ATTENTION, IF IRRITATION  
PERSISTS.

Skin:  
IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER. REMOVE CLOTHING. GET MEDICAL ATTENTION  
IMMEDIATELY. WASH CLOTHING SEPARATELY BEFORE REUSE.

Ingestion:  
GET MEDICAL ATTENTION IMMEDIATELY. IF SWALLOWED, DO NOT INDUCE VOMITING. CALL A

PHYSICIAN OR  
POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS  
PERSON.

Inhalation:  
REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS  
DIFFICULT,  
GIVE OXYGEN. GET IMMEDIATE MEDICAL ATTENTION.

Notes to Physician:

\*\*\*\* SECTION 5 - FIRE FIGHTING MEASURES \*\*\*\*

Unusual Fire and Explosion Hazards:  
HEATED CANS MAY BURST.

Special Fire Fighting Procedures:  
CONTAINERS CAN BUILD UP PRESSURE IF EXPOSED TO HEAT (FIRE). AS IN ANY FIRE, WEAR  
SELF-CONTAINED  
BREATHING APPARATUS PRESSURE-DEMAND (MSHA/NIOSH APPROVED OF EQUIVALENT) AND FULL  
PROTECTIVE  
GEAR.

Extinguishing Media:  
FOAM, DRY CHEMICAL, CARBON DIOXIDE, WATER FOG.

Flash Point:  
142 DEG F

Flammable Limits:  
Lower Limit:  
1.8  
Upper Limit:  
9.5

AutoIgnition Temperature:  
ND

General Information:  
METHOD USED: TCC

\*\*\*\* SECTION 6 - ACCIDENTAL RELEASE MEASURES \*\*\*\*

Disposal:  
DISPOSE OF PRODUCT IN ACCORDANCE WITH LOCAL, COUNTY, STATE AND FEDERAL REGULATIONS.

Spills/Leaks:  
USE ABSORBENT SWEEPING COMPOUND TO SOAK UP MATERIAL, PIT INTO CONTAINER. DISPOSE AS  
HAZARDOUS WA  
TE.

\*\*\*\* SECTION 7 - HANDLING and STORAGE \*\*\*\*

Handling:

WASH THOROUGHLY AFTER HANDLING.

Storage:

STORE AT TEMPERATURES AT 120F.

\*\*\*\* SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION \*\*\*\*

Engineering Controls:

LOCAL EXHAUST: YES

Eyes:

WEAR SAFFETY GLASSES WITH SIDE SHIELDS (OR GOGGLES) AND A FACE SHIELD.

Skin:

WHERE CONTACT IS LIKELY, WEAR CHEMICAL RESISTANT GLOVES.

Clothing:

STANDARD INDUSTRIAL CLOTHING STANDARDS SHOULD BE FOLLOWED.

Respirators:

USE NIOSH APPROVED RESPIRATOR IF TLV LIMIT IS EXCEEDED.

\*\*\*\* SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES \*\*\*\*

Appearance/Odor:

PURPLE SOLVENT

pH: NA

Vapor Pressure: 74

Vapor Density: 4.0

Evaporation Rate: >

Viscosity: NA

Boiling Point: -40 F TO 700 F

Freezing/Melting Point: NA

Decomposition Temperature:

Solubility: NIL

Specific Gravity: .9

Molecular Formula:

Molecular Weight:

Miscellaneous:

\*\*\*\* SECTION 10 - STABILITY AND REACTIVITY \*\*\*\*

Chemical Stability:

YES

Conditions to Avoid:

Incompatibilities with Other Materials:  
AVOID CONTACT WITH STRONG OXIDIZING.

Hazardous Decomposition Products:  
CARBON DIOXIDE, HALOGEN ACIDS, PHOSGENE.

Hazardous Polymerization:  
WILL NOT OCCUR.

\*\*\*\* SECTION 11 - TOXICOLOGICAL INFORMATION \*\*\*\*

Toxicological Information:  
CALIFORNIA PROPOSITION 65: WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE  
STATE OF  
CALIFORNIA TO CAUSE CANCER.

\*\*\*\* SECTION 12 - ECOLOGICAL INFORMATION \*\*\*\*

Ecological Information:  
NO INFORMATION.

\*\*\*\* SECTION 13 - OTHER PRECAUTIONS \*\*\*\*

Other Precautions:  
DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL  
REGULATIONS.

Work/Hygienic Practices:  
WASH HANDS BEFORE EATING. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. USE  
ONLY IN A  
WELL VENTILATED AREA.

\*\*\*\* SECTION 14 - TRANSPORT INFORMATION \*\*\*\*

Transportation Information:

Label Information:

\*\*\*\* SECTION 15 - REGULATORY INFORMATION \*\*\*\*

Regulatory Information:

NO DATA

\*\*\*\* SECTION 16 - ADDITIONAL INFORMATION \*\*\*\*

Additional Information: