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Barnes Distribution

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-ISOBURANE-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:

CHEMCAL	ACGIH TLV		OSHA PEL		UNITS
	TWA	STEL	TWA	STEL	
PROPANE-ISOBUTANE	1000	ASPHYXIANT	1000	ASPHYXIANT	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 IRRATATION 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 IMEDIATELY. 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 ARTIFICAL 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 CONAINER. 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 SHILEDS (OR GOGGLES) AND A FACE SHIELD.

Skin:
WHERE CONTACT IS LIKELY, WEAR CHEMCIAL 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 EATHING. REMOVE CONTAMINTED 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: