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# BLACK BEAR COMPANY, INC.

27-10 HUNTERS POINT AVE. (49th AVE.)  
LONG ISLAND CITY  
NEW YORK 11101-4498

MEMBER OF SOCIETY OF TRIBOLOGISTS & LUBRICATION ENGINEERS  
MEMBER OF NATIONAL LUBRICATING OILS INSTITUTE

(718) 784-7330  
(800) 660-7330  
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## MATERIAL SAFETY DATA SHEET

REVISED DATE:  
10/1/08

### SECTION I - PRODUCT IDENTIFICATION

MANUFACTURER'S NAME: BLACK BEAR COMPANY, INC. REGULAR PHONE NUMBER: (718) 784-7330  
ADDRESS: 27-10 HUNTERS POINT AVENUE EMERGENCY PHONE NUMBER: (718) 268-2222  
LONG ISLAND CITY, N.Y. 11101

CHEMICAL NAME AND SYNONYMS: CAS NO. 8052-41-3  
UN NO.

TRADE NAME AND SYNONYMS: PAR-AL-KETONE

CHEMICAL FAMILY: PETROLEUM BASED RUST PREVENTIVE FORMULA:

SHIPPING NAME: DOT: IATA:

### SECTION II - HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENT	CAS NO./UN NO.	%	HAZARD DATA
ALIPHATIC PETROLEUM DISTILLATES*	8052-41-3	45-50	BY WT.

TLV: (THRESHOLD LIMIT VALUE) 100 PPM

PEL: (PERMISSIBLE EXPOSURE LIMIT) 500 PPM

\*NIOSH RECOMMENDS A LIMIT OF 350 MG/CUM - 8 HOUR TIME WEIGHTED AVERAGE

### SECTION III - PHYSICAL DATA

BOILING POINT, 760 mm Hg	300°F. OR 148.88°C.	MELTING POINT	
SPECIFIC GRAVITY (H <sub>2</sub> O=1)	0.866 (60°F) - 0.76 (15.55°C)	VAPOR PRESSURE (mm Hg at 20 °C)	2.00
VAPOR DENSITY (AIR=1)	HEAVIER THAN AIR	SOLUBILITY IN H <sub>2</sub> O, % BY WT.	
% VOLATILES BY VOL.	45-50%	EVAPORATION RATE ( =1) SLOWER THAN ETHER	
APPEARANCE AND ODOOR	LIGHT AMBER LIQUID, PETROLEUM ODOOR	pH (AS IS) pH AT DILUTION	

### SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT	100°F.	AUTO IGNITION	FLAMMABLE LIMITS	LOWER: 1%
(TEST METHOD)		TEMPERATURE	IN AIR, % BY VOL.	UPPER:

EXTINGUISHING MEDIA: DRY CHEMICAL; REGULAR FOAM, CARBON DIOXIDE

#### SPECIAL FIRE FIGHTING PROCEDURES:

WATER OR FOAM MAY CAUSE FROTHING WHICH CAN BE VIOLENT AND POSSIBLY ENDANGER THE LIFE OF FIREFIGHTER, ESPECIALLY IF SPRAYED INTO CONTAINERS OF HOT BURNING LIQUID. USE SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN PRESSURE-DEMAND MODE.

UNUSUAL FIRE AND EXPLOSION HAZARD: VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND OR BE MOVED BY VENTILATION AND IGNITED BY HEAT, PILOT LIGHTS, ETC. FROM DISTANT LOCATIONS.

NFPA: HEALTH = 1, FIRE = 2, REACTIVITY = 0

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Black Bear Company

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SECTION V - HEALTH HAZARD DATA

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THRESHOLD LIMIT VALUE

EFFECTS OF OVEREXPOSURE:

EYES: CAN CAUSE SEVERE IRRITATION, REDNESS, TEARING, BLURRED VISION.  
SKIN: PROLONGED OR REPEATED CONTACT CAN CAUSE IRRITATION, DERMATITIS, DEFATTING.  
BREATHING: EXCESSIVE INHALATION CAN CAUSE NASAL & RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, POSSIBLE UNCONSCIOUSNESS AND EVEN ASPHYXIATION.  
SWALLOWING: CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA, ASPIRATION OF MATERIAL INTO LUNGS RESULTING IN CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.

EMERGENCY AND FIRST AID PROCEDURES:

SKIN: THOROUGHLY WASH EXPOSED AREA WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING.  
EYES: FLUSH WITH LARGE AMOUNTS OF WATER, LIFTING UPPER AND LOWER LIDS OCCASIONALLY. GET MEDICAL ATTENTION.  
SWALLOWING: DO NOT INDUCE VOMITING. KEEP PERSON WARM, QUIET AND GET MEDICAL HELP. ASPIRATION OF MATERIAL INTO THE LUNGS DUE TO VOMITING CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.  
BREATHING: IF AFFECTED, REMOVE INDIVIDUAL TO FRESH AIR. IF BREATHING IS DIFFICULT ADMINISTER OXYGEN. IF BREATHING HAS STOPPED GIVE ARTIFICIAL RESPIRATION. KEEP PERSON WARM, QUIET AND GET MEDICAL ATTENTION.

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SECTION VI - REACTIVITY DATA

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STABILITY: UNSTABLE \_\_\_\_\_ CONDITIONS TO AVOID:

STABLE XX

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION PRODUCTS:

HAZARDOUS POLYMERIZATION: MAY OCCUR \_\_\_\_\_ CONDITIONS TO AVOID:  
WILL NOT OCCUR XX

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SECTION VII - SPILL OR LEAK PROCEDURES

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

SMALL SPILL: ABSORB LIQUID ON PAPER, VERMICULITE, FLOOR ABSORBENT OR OTHER ADSORBENT MATERIAL AND TRANSFER TO HOOD. ALLOW TO EVAPORATE. ELIMINATE ALL SOURCES OF IGNITION SUCH AS FLARES, FLAMES (INCLUDING PILOT LIGHTS) AND ELECTRICAL SPARKS.

LARGE SPILL: ELIMINATE ALL IGNITION SOURCES (FLARES, FLAMES INCLUDING PILOT LIGHTS, ELECTRICAL SPARKS). PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD BE EXCLUDED FROM AREA OF SPILL UNTIL CLEAN-UP HAS BEEN COMPLETED. STOP SPILL AT SOURCE, DIKE AREA OF SPILL TO PREVENT SPREADING, PUMP LIQUID TO SALVAGE TANK. REMAINING LIQUID MAY BE TAKEN UP ON SAND, CLAY, EARTH, FLOOR ABSORBENT OR OTHER ADSORBENT MATERIAL AND SHOVEL INTO CONTAINERS.

WASTE DISPOSAL METHOD:

SMALL SPILL: ALLOW VOLATILE PORTION TO EVAPORATE IN HOOD. ALLOW SUFFICIENT TIME FOR VAPORS TO COMPLETELY CLEAR HOOD DUCT WORK. DESTROY REMAINING LIQUID BY BURNING IN AN IRON PAN.

LARGE SPILL: DESTROY BY LIQUID INCINERATION WITH OFF-GAS SCRUBBER.

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SECTION VIII - SPECIAL PROTECTION INFORMATION

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**RESPIRATORY PROTECTION:**

IF THE TLV OF THE PRODUCT OR ANY COMPONENT IS EXCEEDED, A NIOSH/MESA JOINTLY APPROVED SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE IS ADVISED. HOWEVER, OSHA REGULATIONS ALSO PERMIT OTHER NIOSH/MESA RESPIRATORS UNDER SPECIFIED CONDITIONS. SEE YOUR SAFETY EQUIPMENT SUPPLIER.

**VENTILATION:**

PROVIDE SUFFICIENT MECHANICAL (GENERAL) AND/OR LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE BELOW TLV'S.

**PROTECTIVE GLOVES:** WEAR BUNA-N, NEOPRENE OR OTHER RESISTANT GLOVES.

**EYE PROTECTION:**

CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS ARE ADVISED. HOWEVER, OSHA REGULATIONS ALSO PERMIT OTHER TYPE SAFETY GLASSES.

**OTHER PROTECTIVE EQUIPMENT:** NORMAL WORK CLOTHING COVERING ARMS AND LEGS.

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SECTION IX - SPECIAL PRECAUTIONS

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**PRECAUTIONS TO BE TAKEN IN HANDLING & STORING:**

**OTHER PRECAUTIONS:**

DO NOT TRANSFER MATERIAL INTO UNMARKED CONTAINERS.  
CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED, SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID, AND/OR SOLID).



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### FAX COVER SHEET

DATE: 12/30/08

TO: ATTN: Janette

FROM: (Felicia)

# of pages; 4 including cover

COMMENTS: MSDS PARAL KETONE