

# BAF Industries

## MATERIAL SAFETY DATA SHEET

MSDS NUMBER: 57810  
 PART NUMBER: P-15  
 PRODUCT NAME: **HEAVY DUTY MACHINE CLEANER** (REVISED 5/06/08)  
 CHEMICAL:

### SECTION I

MANUFACTURER: BAF INDUSTRIES	HMIS RATING:	NFPA RATING:								
ADDRESS: 8010 DIXIE HWY FLORENCE, KY 41042	HEALTH: 1	<table style="border: none; margin: auto;"> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td style="text-align: center;">HEALTH</td> <td style="text-align: center;">FIRE</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">SPEC.HAZ.</td> <td style="text-align: center;">REACT.</td> </tr> </table>	1	2	HEALTH	FIRE	0	0	SPEC.HAZ.	REACT.
1	2									
HEALTH	FIRE									
0	0									
SPEC.HAZ.	REACT.									
EMERGENCY TELEPHONE NUMBER: (800) 424-9300	REACTIVITY: 0									
INFORMATION TELEPHONE NUMBER: (859) 372-5900	PERSONAL PROTECTION: B									
DATE PREPARED: 05/02/07										

### SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

CAS NUMBER	HAZARDOUS COMPONENT	NTP	IARC	SUB-PART/Z	SARA 313	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	%
8052-41-3	PETROLEUM DISTILLATE					100 TWA			10-30
64742-47-8	ALIPHATIC HYDROCARBONS					N/EST	N/EST		3-7
1317-95-9	CHRYSTALLINE SILICA TRIPOLY * (RESPIRABLE DUST)	N	N	Y	N		0.1mg/m3 (8 HR TWA)		<28

\* (SEE SECTION IX)

### SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT	210° F	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	1.11000
VAPOR PRESSURE (mm Hg.)	N/AP	MELTING POINT	N/AP
VAPOR DENSITY (AIR = 1)	N/AP	EVAPORATION RATE (Butyl Acetate = 1)	N/AP
SOLUBILITY IN WATER:	MISCIBLE		
APPEARANCE AND ODOR:	LIGHT ORANGE. SOLVENT ODOR.		
OTHER INFORMATION:	Ph=8.25		

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 104° F PMCC	FLAMMABLE LIMITS: LEL: N/AV	UEL: N/AV
EXTINGUISHING MEDIA: CO 2 OR DRY CHEMICAL.		
SPECIAL FIRE FIGHTING PROCEDURES: N/AP		
UNUSUAL FIRE FIGHTING PROCEDURES: NONE		

### SECTION V - REACTIVITY DATA

STABILITY: STABLE
INCOMPATIBILITY (MATERIALS TO AVOID): N/AP
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: NONE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

### SECTION VI - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: INHALATION & INGESTION.
HEALTH HAZARDS (ACUTE AND CHRONIC): PROLONGED CONTACT MAY CAUSE REDNESS, BURNING & IRRITATION.
SIGNS AND SYMPTOMS OF EXPOSURE: EXCESSIVE INHALATION MAY CAUSE DROWSINESS OR NAUSEA.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NONE
EMERGENCY AND FIRST AID PROCEDURES: REMOVE TO FRESH AIR. FOR EYE CONTACT, WASH WITH WATER AND GET MEDICAL AID. FOR INGESTION, GIVE MILK OR WATER TO DRINK. SEEK MEDICAL ASSISTANCE.
OTHER HEALTH WARNINGS: NONE

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### SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

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

WASTE DISPOSAL METHOD: IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: AVOID FREEZING.

OTHER PRECAUTIONS: NONE

### SECTION VIII - CONTROL MEASURES

VENTILATION REQUIREMENTS: NORMAL

PERSONAL PROTECTIVE EQUIPMENT: SAFETY GLASSES AND RUBBER GLOVES. A N.I.O.S.H. APPROVED DUST MASK IS RECOMMENDED WHEN MACHINE BUFFING THIS PRODUCT.

### SECTION IX - ADDITIONAL INFORMATION

ADDITIONAL MANUFACTURER WARNINGS: \* I.A.R.C. HAS CONCLUDED THERE IS "SUFFICIENT EVIDENCE" FOR CARCINOGEN OF CRYSTALLINE SILICA TO EXPOSED EXPERIMENTAL ANIMALS AND "LIMITED EVIDENCE" TO RESPCET TO HUMAN EXPOSURE.

OTHER PRECAUTIONS AND COMMENTS: D.O.T. PROPER SHIPPING NAME = COMBUSTIBLE LIQUID, N.O.S. NA-1993  
 (CONTAINS PETROLEUM SPIRITS)

PACKAGING GROUP: III

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N/AV = NOT AVAILABLE  
 N/AP = NOT APPLICABLE

THIS INFORMATION IS PROVIDED TO MEET VARIOUS STATE REGULATORY COMPOSITION REQUIREMENTS:

- |    |                        |                 |
|----|------------------------|-----------------|
| 1. | WATER                  | CAS# 7732-18-5  |
| 2. | PETROLEUM DISTILLATES  | CAS# 8052-41-3  |
| 3. | ALIPHATIC HYDROCARBONS | CAS# 64742-47-8 |
| 4. | TRIPOLI                | CAS# 1317-95-9  |
| 5. | WHITE MINERAL OIL      | MIXTURE         |

V. O. C. CONTENT: 164 GRAMS PER LITER