



# MATERIAL SAFETY DATA SHEET

Sagar Enterprise, Inc.  
Nichol Avenue, M.R.I.E. Bldg. 162/164  
McKees Rocks, PA 15136  
412-331-2850 Fax 412-331-2848

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## SECTION 1 IDENTITY AND MANUFACTURING INFORMATION

**PRODUCT NAME:** MINERAL OIL FLUSH

**PRODUCT CODE:** 19-070

**NAME OF MANUFACTURER :** J & B BLENDING TECHNOLOGIES, INC.  
**ADDRESS :** NICHOL AVENUE, M.R.I.E. BLDG 162/164  
McKEES ROCKS, PA 15136

**EMERGENCY TELEPHONE # CHEMTEL:** 1-888-255-3924

**PRODUCT USE:** HYDROCARBON FLUSH

**DATE PREPARED:** 04-12-11 **REVISED:** N/A

**PREPARED BY :** J&B BLENDING HYGIENE DEPT.  
412-331-2825

**DOT HAZARD CLASSIFICATION:** NOT DOT REGULATED, NON-HAZARDOUS

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## SECTION 2 INGREDIENTS / IDENTITY INFORMATION

INGREDIENTS	OSHA/PEL	ACGIH/TLV	CAS#	WT %
PETROLEUM DISTILLATES, HYDROTREATED MIDDLE	N.A.	N.A.	64742-46-7	100

**NOTE:** N/E = NOT ESTABLISHED

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## SECTION 3 HAZARDS IDENTIFICATION

**ROUTE (S) OF ENTRY:** EYES, SKIN, INGESTION, INHALATION.

**HEALTH HAZARDS:** 1. ACUTE: YES 2. CHRONIC: YES

**EYE IRRITANT, INHALTION AND SKIN IRRITATION OR ABSORPTION HAZARDS IDENTIFIED.**

**CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN:**

**NATIONAL TOXICOLOGY PROGRAM:** NO  
**I.A.R.C. MONOGRAPHS:** NO  
**OSHA:** NO

**SIGNS AND SYMPTOMS OF EXPOSURE:** CONTACT WITH PRODUCT MAY CAUSE DERMATITIS AND EYE IRRITATION. PRODUCT IS TOXIC TO HUMANS. PRODUCT CAN BE HARMFUL OR FATAL IF CONSUMED, INHALED, OR ABSORBED THROUGH SKIN.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** PREEXISTING SKIN IRRITATIONS, CUTS AND EXISTING DERMATITIS CONDITIONS AS WELLAS RESPIRATORY CONDITIONS.

**GENERAL ADVICE:** STATIC ACCUMULATING LOW CONDUCTIVITY SOLENT (<10pS/m). THIS LIQUID

MAY FORM AN IGNITABLE VAPOR-AIR MIXTURE IN CLOSED TANKS OR CONTAINERS. BONDING AND GROUNDING MAY BE INSUFFICIENT TO REMOVE STATIC ELECTRICITY. STATIC ELECTRICITY ACCUMULATION MAY BE SIGNIFICANTLY INCREASED BY THE PRESENCE OF WATER.

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**SECTION 4****EMERGENCY AND FIRST AID PROCEDURES**

**EYES:** IMMEDIATELY FLUSH EYES THOROUGHLY WITH WATER FOR 15 MINUTES MINIMUM, HOLDING THE EYELIDS APART, TO ENSURE COMPLETE WATER CONTACT WITH ALL EYE SURFACES. IF DISCOMFORT OCCURS, SEEK IMMEDIATE MEDICAL ATTENTION.

**SKIN:** REMOVE CONTAMINATED CLOTHING AND WASH CONTAMINATED AREAS WITH LARGE AMOUNTS OF SOAP AND WATER. RINSE COMPLETELY AND DRY THOROUGHLY. LAUNDER ALL CLOTHING BEFORE RE-USE. IF IRRITATION DEVELOPS OR PERSISTS, SEEK MEDICAL ATTENTION.

**INGESTION:** DO NOT SWALLOW. RINSE MOUTH WITH WATER AND AFTERWARDS DRINK PLENTY OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CONSULT A PHYSICIAN IF NECESSARY.

**INHALATION:** IF IRRITATION, HEADACHE, NAUSEA, DIZZINESS OR DROWSINESS OCCURS, REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF BREATHING BECOMES DIFFICULT OR RESPIRATORY PROBLEMS OCCUR.

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**SECTION 5****FIRE FIGHTING MEASURES**

**FLASH POINT AND METHOD:** 118° C / 245° F

**FLAMMABLE LIMITS:** NOT ESTABLISHED.

**AUTOIGNITION TEMPERATURE:** NOT ESTABLISHED.

**MEANS OF EXTINCTION:** FIRE INVOLVING OTHER MATERIALS AND THIS PRODUCT CAN BE EXTINGUISHED BY CARBON DIOXIDE, WATER FOG, ALCOHOL-RESISTANT FOAM, DRY CHEMICALS.

**SPECIAL FIRE FIGHTING PROCEDURES:** WEAR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND PROTECTIVE FIRE FIGHTING CLOTHING. IF PROTECTIVE EQUIPMENT IS NOT AVAILABLE OR NOT USED, FIGHT FIRE FROM A PROTECTED LOCATION OR SAFE DISTANCE.

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**SECTION 6****ACCIDENTAL RELEASE PROCEDURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** PREVENT MATERIAL FROM ENTERING SOIL, DITCHES, SEWERS, WATERWAYS AND GROUNDWATER SUPPLIES.

**LARGE SPILL:** HALT SPILL IF THERE IS NO RISK FOR PERSONAL INJURY. REMOVE ALL SOURCES OF IGNITION. ENSURE ADEQUATE VENTILLATION. CONTAIN SPILL BY DIKING SPILL AREA WITH ABSORBENT MATERIAL SUCH AS CLAY, SOIL OR CHEMICAL ABSORBENT. WHEN COLLECTED, SHOVEL ABSORBENT MATERIAL INTO APPROVED CONTAINERS FOR PROPER DISPOSAL. COLLECT ALL ABSORBED MATERIAL AND DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.

**SMALL SPILL:** ABSORB ON ABSORBANT MATERIAL SUCH AS OIL DRY, CAT LITTER, SAND, SAWDUST. COLLECT AND PLACE IN APPROVED CONTAINER FOR LEGAL DISPOSAL.

**WASTE DISPOSAL METHOD:** CHECK LOCAL, STATE, AND FEDERAL REGULATIONS REGARDING DISPOSAL FOR YOUR AREA.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** KEEP CONTAINER CLOSED WHEN NOT IN USE.

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**SECTION 7****HANDLING AND STORAGE**

**HANDLING:** WEAR PERSONAL PROTECTIVE EQUIPMENT. DO NOT BREATHE VAPOURS OR SPRAY MIST. ENSURE THAT VENTILLATION IS ADEQUATE BEFORE USING THIS PRODUCT.

**STORAGE:** KEEP CONTAINERS TIGHTLY CLOSED. STORE IN A COOL, DRY, WELL-VENTILATED LOCATION AWAY FROM POTENTIAL FIRE HAZARDS AND INCOMPATIBLE CHEMICALS.

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**SECTION 8****CONTROL MEASURES**

**EXPIRATORY PROTECTION (SPECIFY TYPE):** NONE NEEDED IF EXPOSURE LIMITS ARE NOT EXCEEDED. IF AIRBORNE CONCENTRATIONS EXCEED TLV, ANY SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACE PIECE AND OPERATED IN A PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE IS RECOMMENDED.

**VENTILATION: LOCAL EXHAUST:** MAINTAIN TLV      **OTHER:** NOT GENERALLY REQUIRED  
**MECHANICAL (GEN):**                                      **SPECIAL:**

**PROTECTIVE GLOVES:** YES, NEOPRENE, NITRILE OR NATURAL RUBBER RECOMMENDED.

**GOGGLES:** YES, CHEMICAL GOGGLES AND/OR FACE SHIELD. CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING WITH THIS OR OTHER CHEMICAL SOLUTIONS.

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

**WORK/HYGIENE PRACTICES:** KEEP OUT OF EYES AND OFF OF SKIN AND CLOTHING. WASH CLOTHING BEFORE REUSE.

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**SECTION 9****PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE/ODOR:</b>	DARK BLUE/ MILD
<b>PHYSICAL STATE:</b>	LIQUID
<b>pH:</b>	N.A.
<b>VAPOR PRESSURE (mmHg):</b>	0 @ 20 °C
<b>BOILING POINT:</b>	445°F
<b>POUR POINT:</b>	-27 °F
<b>SPECIFIC GRAVITY:</b>	0.81 (WATER=1)
<b>DENSITY (Water = 1):</b>	6.7 #/gallon
<b>SOLUBILITY IN WATER:</b>	INSOLUBLE
<b>VOC CONTENT (Wv):</b>	1.000

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**SECTION 10****STABILITY AND REACTIVITY**

**STABILITY:** STABLE UNDER NORMAL CONDITIONS OF USE AND STORAGE.

**INCOMPATIBILITY (MATERIALS TO AVOID):** NONE

**HAZARDOUS DECOMPOSITION:** CAN CONTRIBUTE TO CARBON MONOXIDE/DIOXIDE COMBUSTION PRODUCTS IF BURNED WITH OTHER COMBUSTIBLE PRODUCTS.

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR UNDER NORMAL CONDITIONS.

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**SECTION 11****TOXICOLOGICAL INFORMATION**

**TOXICOLOGICAL INFORMATION (ANIMAL TOXICITY DATA):****ORAL:** LD50- >2000 mg/kg (rat).**INHALATION:** N/A**DERMAL:** N/A**SECTION 12****DISPOSAL**

**WASTE DISPOSAL REQUIREMENTS:** DO NOT DISCHARGE TO SEWER. COLLECT OR PICK-UP WITH SAND, VERMICULITE OR SIMILAR INERT RAW MATERIAL. DISPOSE OF IN ACCORDANCE WITH ALL EXISTING FEDERAL, STATE AND LOCAL REGULATIONS REGARDING DISPOSAL OF WASTE MATERIALS.

**SECTION 13****TRANSPORT INFORMATION****NOT REGULATED****SECTION 14****REGULATORY INFORMATION**

<b>COMPONENT</b>	<b>TSCA</b>	<b>CAS-No</b>	<b>WEIGHT %</b>
PETROLEUM DISTILLATES, HYDROTREATED MIDDLE	PRESENT	64742-46-7	100

**SECTION 15****ENVIROMENTAL INFORMATION****AQUATIC TOXICITY:** NOT DETERMINED**MOBILITY:** NOT DETERMINED**PERSISTENCE AND BIODEGRABILITY:** NOT DETRMINED**BIOACCUMULATION:** NOT DETERMINED**SECTION 16****OTHER INFORMATION****NOTICE:**

**THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CFR AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CFR.**

**DISCLAIMER:** THE INFORMATION HEREIN IS GIVEN IN GOOD FAITH, BUT NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE. FINAL DETERMINATION OF SUITABILITY OF ANY MATERIAL IS THE SOLE RESPONSIBILITY OF THE USER. ALL MATERIALS MAY PRESENT UNKNOWN HAZARDS AND SHOULD BE USED WITH CAUTION. ALTHOUGH CERTAIN HAZARDS ARE DESCRIBED HEREIN, WE CANNOT GUARANTEE THAT THESE ARE THE ONLY HAZARDS WHICH EXIST.

**HAZARD RATING:**

**HEALTH:** 1  
**FIRE:** 1  
**REACTIVITY:** 0  
**SPECIAL:** 0

**RATING:**

**4 = EXTREME**  
**3 = HIGH**  
**2 = MODERATE**  
**1 = SLIGHT**  
**0 = INSIGNIFICANT**