



SAFETY DATA SHEET



I – MATERIAL IDENTIFICATION and USE

PRODUCT NAME: MC Modified
PRODUCT USE: Asphalt Road Surfacing
PRODUCT IDENTIFICATION: WIDE RANGE OF AROMATIC HYDROCARBONS
MANUFACTURER'S NAME: CHECK ENERGY LTD. **TELEPHONE NUMBER:** (780) 416-4300
MANUFACTURER'S ADDRESS: 240 70 SHAWVILLE BLVD
SUITE 1422
CALGARY, ALBERTA T2Y 2Z3
SUPPLIER'S NAME: CHECK ROAD SOLUTIONS
SUPPLIER'S ADDRESS: 240 70 SHAWVILLE BLVD **SUPPLIER'S TELEPHONE NUMBER:** (780) 416-4300
SUITE 1422
CALGARY, ALBERTA T2Y 2Z3

EMERGENCY TELEPHONE NUMBER: (780) 416-4300

TRADE NAME: MC Modified

II – HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>CAS#</u>	<u>%</u>	<u>LC50</u>
Complex mixture of Hydrocarbons	8052-42-4	40-60	No Data

III – PHYSICAL DATA

pH: N.A.P **SPECIFIC GRAVITY:** .980 **FREEZE/POUR POINT (0°):** < -20 **ODOR THRESHOLD:** ND
ODOR and APPEARANCE: HYDROCARBON ODOR / BLACK LIQUID **BOILING POINT (°C):** > 100°C
EVAPORATION RATE (BUTYL ACETATE = 1): ND **VAPOR DENSITY (AIR =1)** >1 **VAPOR PRESSURE:** ND
COEFFICIENT OF WATER / OIL DISTRIBUTION: ND **PHYSICAL STATE:** LIQUID **SOLUBILITY:** INSOLUBLE

IV – FIRE AND EXPLOSION HAZARD

FLASH POINT (°C SETA FLASH CLOSED CUP): 84 (PMCC) **UPPER EXPLOSION LIMIT (% VOL):** ND
LOWER EXPLOSION LIMIT (% VOL): ND
MEANS OF EXTINCTION: DRY CHEMICAL, CARBON DIOXIDE, WATER FOG, FOAM.
SPECIAL PROCEDURES: DO NOT ENTER ANY CONFINED AREA WITHOUT PROPER PROTECTIVE EQUIPMENT.
HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON, AND PRODUCTS OF INCOMPLETE COMBUSTION.
EXPLOSION DATA: WHEN MIXED WITH AIR, FLAMMABLE VAPORS CAN EXPLODE IN A CONFINED AREA.
SENSITIVITY TO STATIC DISCHARGE: EXPECTED TO BE SENSITIVE TO STATIC DISCHARGE WHEN VAPORS ARE PRESENT AT THE LOWER AND UPPER EXPLOSIVE LIMITS. GROUND EQUIPMENT BEFORE TRANSFER.

V – REACTIVITY DATA

STABILITY: STABLE **REACTIVITY:** HAZARDOUS POLYMERIZATION WILL NOT OCCUR.
INCOMPATIBLE MATERIALS: STRONG OXIDIZING AGENTS.
HAZARDOUS DECOMPOSITION PRODUCTS: ON COMBUSTION, OXIDES OF CARBON.

VI – TOXICOLOGICAL PROPERTIES

SKIN CONTACT: MAY CAUSE DELAYED SKIN IRRITATION AND BLISTERING. REPEATED OR PROLONGED CONTACT MAY CAUSE DEFATTING AND DERMATITIS.
SKIN ABSORPTION: EXTENSIVE, PROLONGED, OR REPEATED CONTACT MAY RESULT IN SIGNIFICANT ADSORPTION.
EYE CONTACT: VAPORS ARE IRRITATING TO THE EYES. THIS PRODUCT CAUSES IRRITATION, REDNESS AND PAIN.
INHALATION: IRRITATING TO THE NOSE, THROAT, AND RESPIRATORY TRACT. HIGH VAPOR CONCENTRATIONS CAN CAUSE HEADACHES, DIZZINESS, DROWSINESS AND NAUSEA. IF HYDROGEN SULFIDE IS PRESENT VAPORS MAY BE VERY TOXIC.
INGESTION: HARMFUL OR FATAL IF LIQUID IS ASPIRATED INTO LUNGS. CAUSES IRRITATION, A BURNING SENSATION OF THE MOUTH AND THROAT AND ABDOMINAL PAIN.

CHRONIC OVER EXPOSURE EFFECTS: MAY CAUSE DEPRESSION, DIZZINESS, NUMBNESS, TREMORS, IMPAIRED MEMORY, HEADACHES AND NAUSEA. KIDNEY AND LIVER DAMAGE MAY RESULT.

EXPOSURE LIMITS: NO INFORMATION

IRRITANCY: LIQUID AND VAPOR MAY CAUSE IRRITATION OF THE SKIN, EYES, NOSE, THROAT AND RESPIRATORY SYSTEM.

SENSITIZATION TO MATERIAL: NO INFORMATION

VII – PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: CHEMICAL CARTRIDGE RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE FOR UP TO 1000 PPM. FOR EMERGENCY OR PLANNED ENTRY INTO UNKNOWN CONCENTRATIONS, USE A SELF-CONTAINED BREATHING APPARATUS. EYE/FACE PROTECTION: CHEMICAL GOGGLES OR A FACE MASK. SKIN PROTECTION: GLOVES, COVERALLS AND BOOTS, ETC., AS NEEDED TO PREVENT SKIN EXPOSURE. **SPECIFIC ENGINEERING CONTROLS:** GENERAL VENTILATION IS NORMALLY ADEQUATE FOR SMALL SCALE USE AT ROOM TEMPERATURE OR BELOW. LOCAL EXHAUST VENTILATION IS NORMALLY NEEDED WITH LARGE-SCALE USE OR AT ELEVATED TEMPERATURES.

LEAK AND SPILL PROCEDURES: PROVIDE ADEQUATE VENTILATION, PROTECTIVE CLOTHING AND RESPIRATORS. REMOVE SOURCES OF HEAT AND FLAME. ABSORB LIQUID ON DRY CLAY, SAND, SAWDUST OR OTHER ABSORBENT MATERIAL.

WASTE DISPOSAL: COMBUSTIBLE WASTES MAY BE BURNED IN AN APPROVED INCINERATION FACILITY. CONSULT LOCAL ENVIRONMENTAL AUTHORITIES BEFORE DISPOSAL.

HANDLING PROCEDURES AND EQUIPMENT: WHEN OPENING LARGE CONTAINERS, CARE MUST BE TAKEN TO ENSURE HAZARDOUS VAPORS ARE NOT INHALED (USE SCBA OR AIR-SUPPLIED BREATHING APPARATUS), AND WITH ADEQUATE VENTILATION AND AWAY FROM OTHER SOURCES OF HEAT OR SPARKS. CONTAINERS SHOULD BE COVERED WHEN NOT IN USE.

STORAGE REQUIREMENTS: STORE IN A TIGHTLY CLOSED CONTAINER IN A COOL AREA SEPARATE FROM WORK AREAS. NO SOURCES OF HEAT, FLAME OR SPARKS SHOULD BE PRESENT IN THE STORAGE AREA.

EMPTY CONTAINERS: THE CONTAINER FOR THIS PRODUCT CAN PRESENT EXPLOSION OR FIRE HAZARDS, EVEN WHEN EMPTIED. DO NOT CUT, PUNCTURE OR WELD ON OR NEAR THIS CONTAINER. SINCE THE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUE, FOLLOW LABEL WARNING AFTER THE CONTAINER IS EMPTIED.

VIII – FIRST AID MEASURES

INHALATION: REMOVE SOURCE OF CONTAMINATION OR REMOVE VICTIM TO FRESH AIR. IF BREATHING HAS STOPPED, BEGIN ARTIFICIAL RESPIRATION IMMEDIATELY. OBTAIN MEDICAL ATTENTION IMMEDIATELY.

EYE CONTACT: IMMEDIATELY FLUSH THE CONTAMINATED EYE(S) WITH WARM WATER FOR AT LEAST 15 MINUTES. OBTAIN MEDICAL ATTENTION IF IRRITATION PERSISTS.

SKIN CONTACT: FLUSH CONTAMINATED AREA WITH WARM WATER FOR AT LEAST 15 MINUTES. UNDER RUNNING WATER, REMOVE CONTAMINATED CLOTHING, SHOES AND LEATHER GOODS. IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION.

INGESTION: NEVER GIVE ANYTHING BY MOUTH IF VICTIM IS UNCONSCIOUS OR CONVULSING. RINSE MOUTH THOROUGHLY WITH WATER. DO NOT INDUCE VOMITING. HAVE VICTIM DRINK 300 ML OF WATER TO DILUTE MATERIAL. OBTAIN MEDICAL ATTENTION IMMEDIATELY.

GENERAL: PROVIDE GENERAL SUPPORTIVE MEASURES (COMFORT, WARMTH, REST). CONSULT A DOCTOR FOR ALL EXPOSURES EXCEPT MINOR INSTANCES OF INHALATION OR SKIN CONTACT.

IX – PREPARATION INFORMATION

PREPARED BY: MANAGER

PHONE NUMBER: (780) 416-4300

DATE PREPARED: January 2, 2020

X – CLASSIFICATIONS

WHMIS: CLASS B-3: Combustible liquid with a flashpoint greater than 65 °C (PMCC)
CLASS D-2B: Material causing other toxic effects

TRANSPORTATION OF DANGEROUS GOODS: Not regulated as Dangerous Goods

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