



Material Safety Data Sheet

SECTION #1

PRODUCT AND COMPANY IDENTIFICATION

Trade Name: Creek SAE50

Chemical name and synonyms: Mixture

Manufacturer/Supplier's Name: Creek Locaters
Plot 6D-15
Hamriyah, Sharjah
United Arab Emirates

24 HOURS EMERGENCY: Call +971-6-5340033 which will redirect to the appropriate point of contact

Product use: Diesel engine oil

SECTION #2

COMPOSITION/INFORMATION ON INGREDIENTS

| Name | % | CAS |
|--|--------|--------------|
| Hydrotreated paraffinic petroleum distillate | 80-100 | 64742-54-7 |
| Alkyl Phenol | <5 | Confidential |
| Zinc Dialkyl Dithiophosphate | <2 | Confidential |

SECTION #3

HAZARDS IDENTIFICATION

Under normal conditions of use, this product is not considered hazardous according to regulator guidelines.

IMMEDIATE HEALTH EFFECTS

EYE

Not expected to cause prolonged or significant eye irritation

SKIN

Contact with the skin is not expected to cause prolonged or significant irritation

INGESTION

Not expected to be harmful if swallowed

INHALATION

Not expected to be harmful if inhaled



SECTION #4

FIRST AID MEASURES

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| Eye | No specific first aid measures are required because this material is not expected to cause eye irritation. As a precaution, remove contact lenses, if worn, and flush eyes with water |
| Skin | No specific first aid measures are required because this material is not expected to be harmful if it contacts the skin. As a precaution, remove clothing and shoes if contaminated. To remove the material from skin, use soap and water. Discard contaminated clothing and shoes or thoroughly clean before reuse |
| Ingestion | No specific first aid measures are required because this material is not expected to be harmful if swallowed. Do not induce vomiting. As a precaution, give the person a glass of water or milk to drink and get medical advice |

SECTION #5

FIRE FIGHTING MEASURES

FIRE CLASSIFICATION:

OSHA Classification (29 CFR 1910.1200):
Not classified by OSHA as flammable or combustible

NFPA RATINGS:

Health: 0

Flammability: 1

Reactivity: 0

FLAMMABLE PROPERTIES:

Flash Point (Cleveland Open Cup) 432°F (222 °C) (Min)

Autoignition NDA

Flammability (Explosive) Limits (% by volume in air)

Lower: ND

Upper: ND

EXTINGUISHING MEDIA

Use water fog, foam, dry chemical, or carbon dioxide (CO₂) to extinguish flames



PROTECTION OF FIREFIGHTERS

Fire Fighting Instructions

This material will burn although it is not easily ignited. For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus

Combustion Products

Highly dependent on combustion conditions. A complex mixture of airborne solids, liquids, and gases including carbon monoxide, carbon dioxide, and unidentified organic compounds will be evolved when this material undergoes combustion

SECTION #6

Accidental Release Measures

Protective Measures

Eliminate all sources of ignition in vicinity of spilled material

Spill Management & Leak Procedures

Stop the source of the release if you can do it without risk. Contain release to prevent further contamination of soil, surface water or groundwater. Clean up spill as soon as possible, observing precautions in Exposure Controls/Personal Protection. Use appropriate techniques such as applying non-combustible absorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations. Eliminate all ignition sources. Stop leak only if safe to do so. Absorb residue or small spills with absorbent material and remove to nonleaking containers for disposal.

Reporting

Report spills immediately to local authorities

SECTION #7

Handling & Storage

Handling

Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water. Wear recommended protective equipment. Practice good personal hygiene after handling

Storage

Store in closed containers of proper construction. Store away from sources of ignition and in areas of good ventilation. Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioned or disposed of properly



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| SECTION #8 | Exposure Controls & Personal Protection |
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VENTILATION: Mechanical ventilation is recommended

RESPIRATORY PROTECTION: If mist present, chemical cartridge respirator is recommended

GLOVES: Resistant gloves (Viton, Nitrile, Neoprene) are recommended when handling this material

EYE PROTECTION: Chemical safety goggles are recommended

OTHER PROTECTION: In confined spaces or where the risk of skin exposure is higher, resistant clothing or apron should be worn

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| SECTION #9 | Physical & Chemical Properties |
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| PHYSICAL STATE AT 25°C | Liquid |
| FLASH POINT: | > 235°C |
| DENSITY (g/cm³ at 25°C): | 0.86 to 0.9 |
| VAPOR PRESSURE (mm Hg at 20°C): | Negligible |
| VISCOSITY (cSt at 100°C): | 26 to 28.5 |
| EVAPORATION RATE: | Negligible |
| SOLUBILITY IN WATER: | Negligible |
| APPEARANCE: | Amber liquid |

This material is considered stable under normal ambient

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| SECTION #10 | Stability & Reactivity data |
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| STABILITY: | Stable |
| CONDITIONS TO AVOID: | Avoid excessive heat, open flames, and formation of oil mist |
| PRODUCTS TO AVOID: | Oxidizing agents, strong acids, and bases |
| HAZARDOUS DECOMPOSITION PRODUCTS: | N/A |
| POLYMERIZATION: | Will not occur |



SECTION #11 **Toxicological Information**

| Species | LD50 ORAL | LD50 DERMAL | LC50 INHALATION | HRS |
|---------|--------------|--------------|-----------------|-----|
| Rat | > 5000 mg/Kg | > 2000 mg/Kg | N/A | |

INHALATION: Prolonged exposure to high vapor concentration of this product can cause headache, dizziness, and nausea. Short-term overexposure can cause an irritation to the respiratory passages. Exposure limit to the mist = 5 mg/m³ (TLV/TWA, ACGIH)

CONTACT WITH EYES: May cause eye irritation

SKIN CONTACT: This product should not cause skin irritation. Prolonged and repeated contact with this product can cause skin drying, which may result in skin irritation and dermatitis.

INGESTION: May cause nausea

SECTION #12 **Ecological Information**

ENVIRONMENTAL EFFECTS:

Do not allow product or runoff from fire control to enter storm or sanitary sewers, lakes, rivers, streams, or public waterways. Block off drains and ditches. Provincial regulations require and federal regulations may require that environmental and/or other agencies be notified of a spill incident. Spill area must be cleaned and restored to original condition or to the satisfaction of authorities.

BIODEGRADABILITY

NOT READILY BIODEGRADABLE

SECTION #13 **Disposal Considerations**

Consult relevant local authorities. Reclaim or dispose of at a licensed waste disposal company. Incinerate with approval of appropriate local authority



SECTION #14 **Transport Information**

The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

| | |
|---------------------------|---|
| DOT Shipping Name | NOT REGULATED AS A HAZARDOUS MATERIAL FOR TRANSPORTATION UNDER 49 CFR |
| DOT Hazard Class | NOT APPLICABLE |
| DOT Identification | NOT APPLICABLE |
| DOT Packing Group | NOT APPLICABLE |

SECTION #15 **Regulatory Information**

TSCA All components of this material are listed on the TSCA inventory or are exempt

SARA 311/312

| | |
|--------------------------------------|----|
| 1) Immediate (Acute) Health Effects | NO |
| 2) Delayed (Chronic) Health Effects | NO |
| 3) Fire Hazard | NO |
| 4) Sudden Release of Pressure Hazard | NO |
| 5) Reactivity Hazard | NO |

SARA 313 This product does not contain greater than 1.0% of any chemical substance on the SARA Extremely Hazardous Substances list.

CAL PROP 65 Not listed

RCRA Not listed

CERCLA Listed



SECTION #16**Additional Information**

We believe that technical information and recommendations contained herein to be reliable and accurate to the best of our knowledge. However, we provide these data without warranty or guarantee of any kind, expressed or implied. We assume no responsibility for any loss, damage, or expense, direct or consequential, arising from the use of products described herein.

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