



Material Safety Data Sheet

EDL

1. PRODUCT /PREPARATION INFORMATION

Product Manufacturer/ Supplier: McAsphalt Industries Ltd.
8800 Sheppard Ave. East
Scarborough, Ontario
M1B 5R4
(416) 281-8181 **MSDS Prepared By:** Operations Department

Product: EDL, EDL(C) Environmental Dust Layer
Product Use: Dust Suppressant
Revision Date: January 4, 2005 **Supersedes:** February 14, 2003
EMERGENCY NUMBER: CANUTEC – (613) 996-6666
WHMIS: Not Controlled
TDG: Not Regulated
Workplace Label: Health-1 Fire-0 Reactivity – 0 Compliance Center

2. INGREDIENTS / COMPOSITION

COMPONENT(S)	CAS #	% (w/w)	LD ₅₀	LC ₅₀	PIN
Asphalt	8052-42-4	30-70	N/A	N/A	N/A
Fuel Oil	68334-30-5	10-30	N/A	N/A	UN1202
Emulsifier	Proprietary	1-5	N/A	N/A	UN1993
Water	7732-18-5	15-40	N/A	N/A	N/A

NOTE: This product may be diluted (up to 50%) with water for end use requirements.

3. PHYSICAL DATA

Physical State: Liquid	Appearance: Black-Brown
Specific Gravity: 1.01	Odour: Petroleum odour
Freezing Point: 0°C	Odour Threshold: N/A
Boiling Point: Approx. 100°C	Solubility: Not water soluble, but dispersible
Vapour Pressure: N/A	Evaporation Rate:
Vapour Density: N/A	pH: N/A

4. FIRE & EXPLOSION HAZARD

Flash Point & Method: >100°C	Lower Flammability Limit: N/A
Auto-Ignition Temperature: N/A	Upper Flammability Limit: N/A
Fire Fighting Media: Foam, Dry Chemical, Water spray with caution	
Explosion/Flammability: N/A	
Hazardous Combustion Products: CO, NO _x , SO _x , sulfur products	

5. REACTIVITY DATA

Stability: Stable
Incompatible Materials: Strong acids, alkalis, oxidizing agents
Conditions of Reactivity: N/A
Hazardous Decomposition Products: CO, SO_x, NO_x, sulfur compounds (H₂S)
Synergistic Products: None

6. HEALTH HAZARD INFORMATION

Skin: can cause skin irritation, dermatitis. Skin defatting with chronic exposure

Eyes: irritant

Inhalation: yes, caution in confined spaces

Exposure Limit: 5mg/M³ Asphalt fumes

Ingestion: unlikely, should be avoided

No known carcinogenic, teratogenic or reproductive effects.

7. PREVENTATIVE MEASURES

Personal Protective Equipment: Gloves, goggles, face shield

Handling/Shipping/Storage: Ensure containers are clean and dry, Do not allow to freeze or heat above 100°C

Ventilation: Ensure adequate ventilation

Disposal: See appropriate federal, provincial, municipal regulations

LEAKS AND SPILLS: Contain with earth or sand, allow to cool and harden. Eliminate sources of ignition. Notify authorities when in water, or large spills.

8. FIRST AID

SKIN: DO NOT REMOVE HOT ASPHALT FROM BURN! Cool in water and if irritation persists seek medical aid

EYES: Gently flush with lots of water. Seek Medical Help.

INHALATION: Remove victim to fresh air. Seek Medical Help.

INGESTION: Give lots of water to drink. Seek Medical Help.

9. NOTE

The information contained herein relates only to this product or material and may not be valid when used in combination with any other product or material or in any process. If the process is not to be used under conditions, which are normal or reasonably foreseeable, this information cannot be relied upon as complete or applicable. The information contained herein is based upon the information available at the indicated date of preparation, the above supplier assumes no liability whatsoever for the accuracy or completeness of the information.