

**SAFETY DATA SHEET****SECTION 1: IDENTIFICATION****PRODUCT NAME:** McKay Diesel Fuel Treatment**PRODUCT NUMBER:** 50132**CAS NUMBER:** Mixture See Section 3.**PRODUCT FAMILY:** Diesel Fuel Treatment

Medical Emergency: 1-800-633-9576 (8AM-5PM central time)

INFOTRAC: 1-800-535-5053

**SECTION 2: HAZARD IDENTIFICATION****OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).**Classification of the substance or mixture**

SKIN IRRITATION - Category 2

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) -  
Category 3ASPIRATION HAZARD - Category 1 AQUATIC HAZARD (ACUTE) - Category  
2

AQUATIC HAZARD (LONG-TERM) - Category 2

**Signal word** : Danger**Hazard statements** : Causes skin irritation.  
May be fatal if swallowed and enters airways.  
May cause drowsiness and dizziness.  
Toxic to aquatic life with long lasting effects.**Precautionary statements****Prevention** : Wear protective gloves. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Avoid breathing vapor. Wash hands thoroughly after handling.**Response** : Collect spillage. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical attention.**Storage** : Store locked up.**Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.**Hazards not otherwise classified** : None known.

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### SECTION 3: COMPOSITION

COMPONENT NAME(S)	CAS NO	CONCENTRATION (%)
<b>Ingredient name</b>	<b>%</b>	<b>CAS number</b>
Distillates (petroleum), hydrotreated light	75-80	64742-47-8
2-Ethylhexyl nitrate	10-20	27247-96-7
Heavy Aromatic Solvent Naphtha	>1-2	64742-94-5
Light Aromatic Naphtha	>1	64742-95-6

### SECTION 4: FIRST AID MEASURES

**Take proper precautions to ensure your own health and safety before attempting rescue or providing first aid. For more specific information, refer to Exposure Controls and Personal Protection in Section 8 of this MSDS.**

**IF SWALLOWED:** Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. If spontaneous vomiting is about to occur, place victims head between their knees to prevent aspiration. Call a physician or transport to an emergency facility immediately.

**IF IN EYES:** Rinse cautiously with water for several minutes. Lift upper and lower eyelids to ensure proper rinsing. Get medical attention if irritation persists.

**IF ON SKIN:** Wash skin with soap and water. Remove contaminated clothing and launder it before reuse. Should any irritation persist, get medical attention.

**IF INHALED:** Increase fresh air circulation or leave area. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm and quiet. Get immediate medical attention.

### SECTION 5: FIRE FIGHTING MEASURES

**FLASH POINT:** Not Determined      **FLAMMABLE LIMITS:** UEL 5.5%    LEL 0.6%

**EXTINGUISHING MEDIUM:** AS APPROPRIATE FOR COMBUSTIBLES IN AREA.

**SPECIAL FIREFIGHTING PROCEDURES:** Wear self-contained breathing apparatus when fighting fires containing or around this product. Shut off all sources of ignition, if possible. Keep exposed containers cool with water spray to prevent rupture. Evacuate all non-trained personnel. Wear full protective clothing, including helmet. Ventilate area. Contain spill and dike, if possible. For leaks or spills water spray can be used to disperse any flammable vapors that may become concentrated or form in poorly ventilated areas and to protect personnel attempting to stop the leak.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Firefighters should wear SCBA's in a positive pressure mode with full face shield. Vapors are heavier than air and may travel long distances and accumulate in low areas or spread along ground from handling site. Eliminate all sources of ignition. Never use welding or cutting torch on or near this product because even just residue can ignite explosively.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Take proper precautions to ensure your own health and safety before attempting spill control or clean-up.**

Ventilate area-especially low places where heavy vapors might collect. Extinguish all ignition sources. For small spills/leaks mop, wipe, or soak up on an inorganic material immediately. Remove to vent hood or outside. For large spills/leaks evacuate area, contain spill (dike area), and transfer contained liquid to a DOT approved container for disposal. Keep out of water supply. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personnel protective equipment.

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## SECTION 7: HANDLING AND STORAGE

Store in tightly sealed containers. Keep away from heat, sparks & open flame. Do not get in eyes, on skin or clothing. Do not breathe vapor, mist or gas. Do not store or transfer to an unmarked container. Do not throw empty containers in trash compactor. Do not store in direct sun. Store containers below 120°F. Read label before using.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Control airborne concentrations below the exposure limits see below. Use only with adequate ventilation. Local exhaust ventilation may be necessary for some operations. Lethal concentrations may exist in areas with poor ventilation.

**PERSONAL PROTECTIVE EQUIPMENT:** Personal protective equipment should be selected based upon the conditions under which this material is used. A hazard assessment of the work area for PPE requirements should be conducted by a qualified professional pursuant to OSHA regulations. Minimum requirements are: SAFETY GLASSES and GLOVES.

**RESPIRATORY PROTECTION (SPECIFY TYPE):** If workplace exposure limit(s) of product or any component is exceeded (see Section two), a NIOSH approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH respirators (negative pressure type) under specified conditions (see your safety equipment supplier). Engineering or administrative controls should be implemented to reduce exposure.

**HAND PROTECTION:** For brief contact, no precautions should be needed. When prolonged or frequently repeated contact could occur, use protective gloves such as; polyvinyl alcohol or polyethylene.

**EYE PROTECTION:** Chemical splash goggles in compliance with OSHA regulations are advised; OSHA regulations also permit other type of safety glasses (consult your safety equipment supplier)

**BODY PROTECTION:** To prevent repeated or prolonged skin contact, use protective clothing impervious to this product. Selection of specific items such as gloves, boots, apron, or full body suit will depend on operation.

### OCCUPATIONAL EXPOSURE GUIDELINES:

Substance	Applicable Workplace Exposure Levels	
	OSHA PEL	ACGIH

Ingredient name	Exposure limits
Distillates (petroleum), hydrotreated light	<b>ACGIH TLV (United States, 4/2014). Absorbed through skin.</b> TWA: 200 mg/m <sup>3</sup> , (as total hydrocarbon vapor) 8 hours.
Heavy Aromatic Solvent Naphtha	<b>OSHA TWA (United States) 500 ppm</b> 8 hours

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid	COLOR: Amber	ODOR: Petroleum
SPECIFIC GRAVITY: 0.75-0.85 (Water =1)	pH: N/A	VAPOR DENSITY (Air =1):
BOILING POINT RANGE: N/D	MELTING POINT /FREEZING POINT: N/D	VISCOSITY (cps @ 70°F) N/D
VAPOR PRESSURE (mmHg or psig @70°F): N/A		
SOLUBILITY IN WATER % BY WT.: Nil		
VOLATILE ORGANIC COMPOUNDS (VOCs) Content: Not regulated		

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## SECTION 10: STABILITY AND REACTIVITY

**STABILITY:** Stable, avoid open flames, welding arcs or other high temperature sources which induce thermal decomposition and direct sunlight.

**INCOMPATIBILITY:** Strong oxidizing and reducing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Should not be produced under normal conditions of use.

**HAZARDOUS POLYMERIZATION:** Will not occur.

## SECTION 11: TOXICOLOGICAL INFORMATION

No toxicological studies have been conducted on this product.

### Information on toxicological effects

#### acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Distillates (petroleum), hydrotreated light	LD50 Dermal	Rabbit	>2000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
2-Ethylhexyl nitrate	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	>10000 mg/kg	-
Heavy Aromatic Solvent Naphtha	LD50 Dermal	Rabbit	>2000 mg/kg	LC50 Inhalation 6 h >11.67
	LD50 Oral	Rat	>25000 mg/kg	-
Light Aromatic Naphtha	LD50 Oral	Rat	8400 mg/kg	-

## SECTION 12: ECOLOGICAL INFORMATION

No ecological studies have been conducted on this product.

### Toxicity

Product/ingredient name	Result	Species	Exposure
Distillates (petroleum), hydrotreated light	Acute LC50 2200 µg/l Fresh water	Fish - Lepomis macrochirus	4 days

**ECOTOXICITY:** If spilled this any water or soil contaminated may be hazardous to human, animal and aquatic life.

**ENVIRONMENTAL FATE:** The chemicals in this product are potentially toxic to freshwater and salt water ecosystems. They will normally float on water with their lighter components evaporating rapidly. In stagnant or slow-flowing waterways, a hydrocarbon layer can cover a large surface area. As a result this layer might limit or eliminate natural atmospheric oxygen transport into the water. Which with time could lead to a fish kill or an anaerobic environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

Hazard characteristics and regulatory waste stream classification can change with product use. It is the responsibility of the user to determine the proper storage, transportation, treatment and/or disposal methodologies for spent materials and residues at the time of disposition.

When disposing of unused contents, the preferred options are to send to licensed reclaimers or to permitted incinerators. Any disposal practice must be in compliance with federal, state, and local laws and regulations. Do not dump into sewers, on the ground, or into any body of water.

