

Material Safety Data Sheet

Oil Base Mud (Diesel Based)

I. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Oil Base Mud (Diesel Based)
 Chemical Name: VARIOUS
 Chemical Family: BLEND
 Chemical Formula: UNKOWN
 Synonyms: OBM

Date Revised: 7/2010
 CAS#: PROPRIETARY

NFPA Properties: Health: 2 Flammability: 2 Reactivity: 0 Contact: 1

Supplier:

NOV FluidControl
 4310 N Sam Houston Parkway East
 Houston, Texas 77032 USA
 Office: (713) 482-0500
 Fax: (713) 482-0695
 Company website: www.nov.com

Emergency Telephone Number:

CHEMTREC: 1-800-424-9300 or International +1-703-527-3887

II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	TWAPPM	TWA MG/M ³	TLV's (ACGIH)		CAS#	OTHER LIMITS	%
			STEL PPM	STEL MG/M ³			
1. DIESEL					68476-34-6		60-92
2.							
3.							

III. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point °F: >350F	Color: BLACK
Specific Gravity: VARIOUS	Odor: PETROLEUM AROMATIC
Vapor Pressure: N/A	Appearance: LIQUID
Percent Volatility: 2-10%	pH: N/A
Vapor Density: N/A	Viscosity: NDA
Evaporation Rate: NIL	Activity: N/A
Solubility In Water: INSOLUBLE	LC50: NDA
Melting Point °F: N/A	LD50: NDA

OBM Base Mud (Diesel Based) Material Safety Data Sheet

IV. FIRE & EXPLOSION HAZARD DATA

Extinguishing Agents: DRY CHEMICAL OR WATERSPRAY OR WATERFOG OR CO2 OR FOAM OR SAND & EARTH

Flash Point °F: >150F

Flammable Limits: N/A LEL: 0.4% UEL: 6.0%

Special Firefighting Procedures: USE WATER TO KEEP CONTAINERS COOL

Unusual Fire & Explosion Hazards: PRODUCTS OF COMBUSTION MAY CONTAIN CARBON MONOXIDE, CARBON DIOXIDE AND OTHER TOXIC MATERIALS. DO NOT ENTER ENCLOSED OR CONFINED SPACE WITHOUT PROPER PERSONAL PROTECTIVE EQUIPMENT.

Toxic Gases Produced: CARBON MONOXIDE, CARBON DIOXIDE, AND OTHER TOXIC GASES.

V. HEALTH HAZARD DATA

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES

Effects of Overexposure: PROLONGED EXPOSURE TO HIGH LEVELS OF VAPORS MAY CAUSE NAUSEA, VOMITING.

Toxicological Properties: NDA

Chronic & Acute Effects of Overexposure: NONE

Carcinogenicity: NTP: NO IARC Monographs: NO OSHA Regulated: NO

Emergency First Aid Procedures

Eyes: IMMEDIATELY FLUSH WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15 MINUTES AND CALL A PHYSICIAN.

Skin Contact: FLUSH WITH LARGE AMOUNTS OF SOAP & WATER FOR 15 MINUTES.

Inhalation: REMOVE TO FRESH AIR, IF BREATHING IS DIFFICULT, GIVE OXYGEN AND CALL A PHYSICIAN.

Ingestion: RINSE MOUTH, GIVE LARGE AMOUNTS OF WATER, AND CALL A PHYSICIAN. NEVER GIVE ANYTHING MOUTH-TO-MOUTH TO AN UNCONSCIOUS PERSON.

VI. REACTIVITY DATA

Stability: STABLE

Hazardous Polymerization: WILL NOT OCCUR

Hazardous Decomposition Products: THERMAL DECOMPOSITION MAY INCLUDE, CARBON MONOXIDE, CARBON DIOXIDE, SMOKE, FUMES

Conditions To Avoid: NONE

Incompatibility and Materials to Avoid: NONE

OBM Base Mud (Diesel Based) Material Safety Data Sheet

VII. SPILL & DISPOSAL PROCEDURES

Steps To Be Taken in Case Material is Released or Spilled --- Procedures For Clean – Up: WASH AREA WITH WATER. SPILLS OR RELEASES OF THIS MATERIAL DO NOT CURRENTLY TRIGGER THE EMERGENCY RELEASE REPORTING REQUIREMENTS UNDER THE FEDERAL SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA). STATE AND LOCAL LAWS MAY DIFFER FROM FEDERAL LAW. CONSULT COUNSEL FOR FURTHER GUIDANCE ON YOUR RESPONSIBILITIES UNDER THESE LAWS.

Waste Disposal Method: DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS. (CONTAINS IRON AND TRIVALENT CHROMIUM)

Precautions To Be Taken In Handling & Storage: NONE

VIII. PROTECTIVE EQUIPMENT

Ventilation Type Required: MECHANICAL

Protective Gloves: RUBBER, RECOMMENDED

Respiratory Protection: WEAR A NIOSH APPROVED MASK IF CONCENTRATION IS TO EXCEED TLV

Other Protective Equipment: USE EXPLOSION PROOF EQUIPMENT FOR HIGH CONCENTRATIONS OF VAPOR.

Comments:

IX. REGULATORY & TRANSPORTATION INFORMATION

US DOT Proper Shipping Name: "OIL – WELL TREATING COMPOUND"

US DOT Hazard Class: COMBUSTIBLE LIQUID

ID Number:

Unregulated By DOT:

Special Transportation Note:

Labels Required: COMBUSTIBLE LIQUID

DOT ID Number: UN1993

Freight Classification:

Regulated by DOT: NO

DISCLAIMER:

Although the information and recommendations set forth herein (hereinafter "Information") are presented in good faith and believed to be correct as of the date hereof, NOV FluidControl, makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the person receiving this MSDS will make own determination as to its suitability for their intended purpose prior to use. Since the product is within the exclusive control of the user, it is the user's obligation to determine the conditions of safe use of this product. Such conditions should comply with all Federal Regulations concerning the Product. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER NATURE ARE MADE HERUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS.

For further information contact:

NOV FluidControl
4310 N Sam Houston Parkway East
Houston, Texas 77032 USA
Office: (713) 482-0500
Fax: (713) 482-0695
Company website: www.nov.com