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Safety Data Sheet Kol-Seal



Section 1 Product Description

Product Name: Coal, Bituminous
CAS Number: N/A (RR-14976-8)
Recommended Use: Oilwell Compound
Synonyms: Washed Coal, Clean Coal, Soft Coal
Issued By: Johnnie Kelley, COO
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Section 2 Hazard Identification

Emergency Overview: WARNING - Harmful in contact with skin and if swallowed.

Potential Health Effects:

Eyes: May cause irritation. **Skin:** May cause irritation to skin.

Ingestion: May cause gastrointestinal discomfort. **Inhalation:** May cause irritation to respiratory tract.



Section 3 Composition / Information on Ingredients

Principal Hazardous Components: Bituminous Coal, 100%
TLV units: ACGIH TLV - 2 mg/m³ (coal dust, respirable fraction)
PEL units: OSHA PEL - 2.4 mg/m³ (coal dust, respirable fraction)

Section 4 First Aid Measures

Emergency and First Aid Procedures

Inhalation: In case of accident by inhalation: remove causality to fresh air and keep at rest.

Eyes: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin Contact: After contact with skin, wash immediately with plenty of water.

Ingestion: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Section 5 Firefighting Procedures

Flash Point (Method Used): 260°C Open Flame (500°F)

NFPA Rating:

Extinguishing Media: Use dry chemical, CO₂ or appropriate foam.

Health: 1

Fire: 1

Reactivity: 0

Flammable Limits in Air % by Volume: N/A

Autoignition Temperature: N/A

Fire Fighting Methods and Protection: Firefighters should wear full protective equipment and NIOSH approved self-contained breathing apparatus.

Fire and/or Explosion Hazards: Avoid Dusting. May become explosive when dispersed in air.

Hazardous Combustion Products: Carbon Dioxide, Carbon Monoxide

Section 6 Spill or Leak Procedures

Steps to Take in Case Material Is Released or Spilled: Ventilate area of spill. Clean-up personnel should wear proper protective equipment. Avoid creating dust. Sweep or scoop up and containerize for disposal.

Section 7 Special Precautions

Precautions to Take in Handling or Storing: Keep away from sources of ignition - No smoking. Do not breathe dust. Suitable for any general chemical storage.

Section 8 Protection Information

Respiratory Protection (Specify Type): None needed under normal conditions of use with adequate ventilation. A NIOSH/MSHA chemical cartridge respirator should be worn if PEL or TLV is exceeded.

Ventilation:

Local Exhaust: Acceptable

Mechanical(General): Yes

Special: No

Other: No

Protective Gloves: Natural rubber, Neoprene, PVC or equivalent.

Eye Protection: Splash proof chemical safety goggles should be worn.

Other Protective Clothing or Equipment: Lab coat, apron, eye wash, safety shower.

Section 9 Physical Data

Molecular Weight: N/A **Melting Point:** N/A

Boiling Point: N/A **Vapor Pressure:** N/A

Vapor Density(Air=1): N/A **Specific Gravity (H₂O=1):** 1.3

Percent Volatile by Volume: N/A **Evaporation Rate (BuAc=1):** N/A

Solubility in Water: Practically Insoluble **Appearance and Odor:** Black solid with hydrocarbon odor

Section 10 Reactive Data

Stability: Stable

Conditions to Avoid: Heat and sources of ignition.

Incompatibility (Materials to Avoid): Oxidizers,

Hazardous Decomposition Products: CO₂, Aromatic compounds,

Hazardous Polymerization: Will not occur

Section 11 Toxicity Data

Toxicity Data: N/A

Effects of Overexposure:

Acute: See Section 2

Chronic: Certain components or species of this product are considered potential carcinogens.

Conditions Aggravated by Overexposure: Respiratory disorders,

Target Organs: Respiratory system,

Primary Route(s) of Entry: Inhalation.

Section 12 Ecological Data

EPA Waste Numbers: N/A

Section 13 Disposal Information

Waste Disposal Methods: Dispose in accordance with all applicable Federal, State and Local regulations. Always contact a permitted waste disposer (TSD) to assure compliance.

Section 14 Transport Information

DOT Proper Shipping Name: Not regulated for transport

Section 15 Regulatory Information

EPA TSCA Status: On TSCA Inventory

Hazard Category for SARA Section 311/312 Reporting: No

Name List: No

Chemical Category: No

CERCLA Section 103 RQ(lb.): No

RCRA Section 261.33: No

Section 16 Additional Information

The information provided in this (Material) Safety Data Sheet represents a compilation of data drawn directly from various sources available to us. WeDril Holdings, LLC makes no representation or guarantee as to the suitability of this information to a particular application of the substance covered in the Material Safety Data Sheet. Any employer must carefully assess the applicability of any information contained herein in regards to the particular use to which the employer puts the material.

Glossary

ACGIH American Conference of Governmental Industrial Hygienists

CAS Number Chemical Services Abstract Number

CERCLA Comprehensive Environmental Response, Compensation, and Liability Act

DOT U.S. Department of Transportation

IARC International Agency of Research on Cancer

N/A Not Available

NTP National Toxicology Program

OSHA Occupational Safety and Health Administration

PEL Permissible Exposure Limit

ppm Parts per million

RCRA Resource Conservation and Recovery Act

SARA Superfund Amendments and Reauthorization Act

TLV Threshold Limit Value

TSCA Toxic Substances Control Act