

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER: **OMD**
OTHER MEANS OF IDENTIFICATION: None
RECOMMENDED USE: Oilwell drilling fluid additive
RESTRICTIONS ON USE: None known
SUPPLIER IDENTIFIER: **Di-Corp**
8750-53 Ave
Edmonton, AB T6E 5G2
780-440-4923
EMERGENCY PHONE NUMBER: 780-468-4064 (24 hr)

SECTION 2: HAZARD IDENTIFICATION

CLASSIFICATION: Acute toxicity (oral) – Category 4
Skin irritation – Category 2
Serious eye damage – Category 1
Carcinogenicity – Category 1
Reproductive toxicity (damage to unborn child) – Category 2
STOT-RE – Category 2
Aspiration hazard – Category 1

LABEL SYMBOLS:



SIGNAL WORD: DANGER
CLASSIFICATION INFORMATION: Harmful if swallowed.
Causes skin irritation.
Causes serious eye damage.
May cause cancer.
May damage the unborn child.
May cause damage to organs (adrenal, bone marrow, kidneys, liver, lymphatic system, stomach, thymus) through prolonged or repeated exposure.
May be fatal if swallowed and enters airways.

OTHER HAZARDS: None known.

PRECAUTIONARY STATEMENTS:

PREVENTION

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Do not breathe fume/mist/vapours/spray.
Wash hands thoroughly after handling.
Do not eat, drink or smoke when handling this product.
Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE

IF SWALLOWED: Immediately call a POISON CENTER/doctor. Rinse mouth. Do not induce vomiting.
IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
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.

IF exposed or concerned: Get medical advice/attention.
Get medical attention if you feel unwell.

STORAGE

Store locked up.

DISPOSAL

Dispose of contents/container in accordance with local, regional, national, and/or international regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	CONCENTRATION (w/w)
Benzenesulfonic acid, C ₁₀₋₁₃ -alkyl derivs., sodium salts	68411-30-3	20-30%
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	15 – 20%
Benzenesulfonic acid, C ₁₀₋₁₄ -alkyl derivs., sodium salts	69669-44-9	15 – 20%
Gas oils (petroleum), straight run	64741-43-1	20 – 30%
Polycyclic aromatic hydrocarbons (PAC)	130498-29-2	1 – 5%

SECTION 4: FIRST AID MEASURES

SKIN CONTACT:	Immediately flush skin with running water for at least 10 minutes while removing contaminated clothing. Obtain medical attention when flushing is complete.
EYE CONTACT:	Immediately flush with gently flowing, warm water for at least 15 minutes. Remove contact lenses if present. Hold eyelids open to ensure thorough flushing. When flushing is complete obtain medical attention.
INGESTION:	Do not induce vomiting. If conscious, rinse out mouth and give 240 to 300 mL of water to drink. If spontaneous vomiting occurs, keep head below hips to prevent aspiration, and give more water. Obtain immediate medical attention or contact Poison Control Center. Never give anything by mouth if patient is unconscious, rapidly losing consciousness or convulsing.
INHALATION:	Move to area free from contaminants. Apply oxygen or artificial respiration if required. Obtain immediate medical attention or contact Poison Control Center.
MOST IMPORTANT SYMPTOMS / EFFECTS:	May cause severe eye irritation. Prolonged contact or repeated exposure may cause skin irritation. May cause nausea, vomiting, diarrhea and possible organ damage if ingested. Swallowing large quantities may be toxic. May be fatal if swallowed and enters airways. May cause decreased fetal weights and/or increased fetal deaths.
IMMEDIATE MEDICAL ATTENTION / SPECIAL TREATMENT:	Immediate first aid is necessary for eye contact to prevent possible eye damage. Treat symptomatically. Contact poison control specialist immediately if large quantities have been ingested or inhaled.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	Dry chemical, carbon dioxide, foam or water spray.
UNSUITABLE EXTINGUISHING MEDIA:	None.
SPECIFIC FIRE HAZARDS:	In a fire, or if heated, a pressure increase will occur and the container may burst.
HAZARDOUS COMBUSTION PRODUCTS:	Oxides of carbon, oxides of sulfur, sodium oxides.
SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS:	Self-contained breathing apparatus required for fire-fighting personnel. Move containers from fire area, or cool with water spray, if possible.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Use appropriate safety equipment. Evacuate nonessential personnel. Eliminate ignition sources. Stop leak if possible to do so without risk. Dike to prevent spread of spilled material. Do not breathe vapour or mist. Provide adequate ventilation. Do not allow material to enter sewers or public waterways. Notify relevant authorities if the product has caused environmental pollution.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Small spills; soak up with absorbent material; collect used absorbent material in approved containers for disposal. Large spills; dike to prevent spread; collect diked material with vacuum truck. Collect uncontaminated material for repackaging. Collect contaminated material in approved containers for disposal. Treat remaining material as a small spill. Wash spill area thoroughly with water.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Avoid ingestion. Practice reasonable caution and personal cleanliness. Avoid skin and eye contact. Avoid breathing vapours and mists. Use only with adequate ventilation or wear appropriate respiratory protection. Remove and launder contaminated clothing before reuse. Avoid exposure during pregnancy.

CONDITIONS FOR SAFE STORAGE & INCOMPATIBILITIES

Store in a cool, dry area away from incompatible materials and ignition sources. Keep container tightly closed when not in use. Store unused material in original container. Follow all directions for use given on container label. Empty packages contain residual hazardous material and should be stored and handled as if full.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

CHEMICAL NAME

Benzenesulfonic acid, C₁₀₋₁₃-alkyl derivs.,
sodium salts

Distillates (petroleum), hydrotreated heavy
naphthenic

Benzenesulfonic acid, C₁₀₋₁₄-alkyl derivs.,
sodium salts

Gas oils (petroleum), straight run

Polycyclic aromatic hydrocarbons (PAC)

EXPOSURE LIMITS

Not available

ACGIH TLV TWA = 5 mg/m³/8 hr (inhalable fraction)

Not available

OSHA TWA = 5 mg/m³ (for oil mist, mineral)

OSHA TWA = 0.2 mg/m³ (for benzene soluble fraction)

ENGINEERING CONTROLS:

Use only with adequate ventilation. Use process enclosure, local exhaust ventilation or other engineering controls to keep worker exposure below limits.

PERSONAL PROTECTIVE MEASURES

RESPIRATORY PROTECTION:

Use approved respirators with organic vapor cartridges or self-contained breathing apparatus if airborne mist/vapor concentration exceeds limits.

PROTECTIVE GLOVES:

Viton (or other impermeable material) gauntlets recommended.

EYE PROTECTION:

Wear chemical goggles when handling.

OTHER PROTECTIVE EQUIPMENT (SPECIFY):

Protective clothing as required to prevent contact. Ensure eye-wash station and emergency shower are available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

Brown liquid

ODOUR:

Oily odour.

ODOUR THRESHOLD:

Not available

pH:

Not available

MELTING POINT / FREEZING POINT:	Not available
BOILING POINT / RANGE:	Not available
FLASH POINT:	Not available
EVAPORATION RATE:	Not available
FLAMMABILITY:	Combustible
FLAMMABILITY / EXPLOSIVE LIMITS:	Not available
VAPOUR PRESSURE:	Not available
VAPOUR DENSITY:	Not available
RELATIVE DENSITY:	0.96
SOLUBILITY:	Insoluble in water
PARTITION COEFFICIENT:	Not available
AUTO-IGNITION TEMPERATURE:	Not available
DECOMPOSITION TEMPERATURE:	Not available
VISCOSITY:	Not available

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:	Not reactive under normal conditions of storage and use.
CHEMICAL STABILITY:	Stable under normal conditions of storage and use.
POSSIBILITY OF HAZARDOUS REACTIONS:	None under normal conditions of use.
CONDITIONS TO AVOID:	Avoid high temperatures and ignition sources.
INCOMPATIBLE MATERIALS:	Strong oxidizers, strong acids and strong bases.
HAZARDOUS DECOMPOSITION PRODUCTS:	Not available.

SECTION 11: TOXICOLOGICAL INFORMATION

CHEMICAL NAME	LD50 ORAL	LD50 DERMAL	LC50 INHALATION
Benzenesulfonic acid, C ₁₀₋₁₃ -alkyl derivs., sodium salts	404 mg/kg (rat)	Not available	Not available
Distillates (petroleum), hydrotreated heavy naphthenic	>5000 mg/kg (rat)	Not available	Not available
Benzenesulfonic acid, C ₁₀₋₁₄ -alkyl derivs., sodium salts	Not available	Not available	Not available
Gas oils (petroleum), straight run	10000 mg/kg (rat)	Not available	Not available
Polycyclic aromatic hydrocarbons (PAC)	Not available	Not available	Not available

SKIN CONTACT:	May cause skin irritation. Prolonged or repeated contact may cause defatting, drying and cracking of the skin. Prolonged and repeated contact may lead to dermatitis.
EYE CONTACT:	May cause severe irritation based on ingredient information. Prolonged contact may cause damage. Aspiration in to lungs may occur during swallowing or vomiting, causing lung damage or even death due to chemical pneumonia.
INGESTION:	May cause nausea, vomiting, diarrhea and possible organ damage. Swallowing large quantities may be toxic.
INHALATION:	May cause respiratory irritation including coughing, sneezing, nasal discharge, headache, hoarseness and nose and throat pain.
CARCINOGENICITY:	May cause cancer. Long-term, repeated skin contact with gas oil may cause skin cancer. This material contains Polycyclic Aromatic Hydrocarbons (PAHs), some of which are animal carcinogens.

REPRODUCTIVE TOXICITY:	Contains an ingredient suspected of damaging the unborn child.
MUTAGENICITY:	No information available.
CHRONIC TOXICITY:	Long-term, repeated skin contact with gas oil may cause dermal sensitization. Liver, kidney and bone marrow injuries may occur. This product contains Polycyclic Aromatic Hydrocarbons. Prolonged contact with these compounds has been associated with the induction of skin and lung tumours, anemia, disorders of the liver, bone marrow and lymphoid tissues.
TARGET ORGAN EFFECTS:	May cause damage to organs (adrenal, bone marrow, kidneys, liver, lymphatic system, stomach, thymus) through prolonged or repeated exposure.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: No product information available.

CHEMICAL NAME	TOXICITY
Benzenesulfonic acid, C ₁₀₋₁₃ -alkyl derivs., sodium salts	LC50 = 5 mg/L/96 hr (oncohynchus mykiss)
Distillates (petroleum), hydrotreated heavy naphthenic	Not available
Benzenesulfonic acid, C ₁₀₋₁₄ -alkyl derivs., sodium salts	Not available
Gas oils (petroleum), straight run	Not available
Polycyclic aromatic hydrocarbons (PAC)	Not available

PERSISTENCE AND DEGRADABILITY:	Not available
BIOACCUMULATIVE POTENTIAL:	Not available
MOBILITY IN SOIL:	Not available
OTHER ADVERSE EFFECTS:	None know.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with federal, provincial and local regulations. It is the responsibility of the end-user to determine if material meets the criteria of hazardous waste at the time of disposal. Empty containers, which have not been cleaned and purged, contain residual hazardous material and must be recycled, or disposed of, in accordance with local regulations.

SECTION 14: TRANSPORTATION INFORMATION

TDG	Not regulated
DOT	Not regulated
IATA	Not regulated
IMDG	Not regulated
UN NUMBER:	Not applicable
PROPER SHIPPING NAME:	Not applicable
CLASS:	Not applicable
PACKING GROUP:	Not applicable
IMDG HAZARDS:	Not a marine pollutant
BULK TRANSPORT:	Not regulated
SPECIAL PRECAUTIONS:	None

SECTION 15: REGULATORY INFORMATION

DSL: All components are on or exempt from the list.
WHMIS 1988 CLASS: D2A, D2B
TSCA: All components are on or exempt from the list.

SECTION 16: OTHER INFORMATION

REVISION DATE: May 25, 2018
REPLACES: None

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