

## SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER:	<b>WALNUT SHELL</b>
OTHER MEANS OF IDENTIFICATION:	Walnut Shell Fine, Medium & Coarse
RECOMMENDED USE:	Oilwell drilling fluid additive
RESTRICTIONS ON USE:	None known
SUPPLIER IDENTIFIER:	<b>Di-Corp</b> <b>8750-53 Ave</b> <b>Edmonton, AB T6E 5G2</b> <b>780-440-4923</b>
EMERGENCY PHONE NUMBER:	780-468-4064 (24 hr)

## SECTION 2: HAZARD IDENTIFICATION

CLASSIFICATION:	Not hazardous per Part 2 of the HPR
LABEL SYMBOLS:	Not applicable
SIGNAL WORD:	Not applicable
CLASSIFICATION INFORMATION:	Not applicable
OTHER HAZARDS:	Walnut Shell may contain trace amounts of walnut proteins that have been known to cause allergic reaction.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
Natural Walnut Shell	84012-43-1	100

## SECTION 4: FIRST AID MEASURES

SKIN CONTACT:	If irritation occurs, or when shift ends, wash with soap and water until clean. If irritation persists, obtain medical attention.
EYE CONTACT:	Flush eyes with gently flowing warm water until particles are dislodged. If irritation persists, obtain medical attention.
INGESTION:	No first aid normally required. If symptoms develop seek medical attention.
INHALATION:	Move to area free from dust. If victim is not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. If breathing difficulties or distress continues, obtain medical attention.
MOST IMPORTANT SYMPTOMS / EFFECTS:	May cause mechanical eye irritation. Inhalation of dust may cause mechanical irritation to the respiratory tract.
IMMEDIATE MEDICAL ATTENTION / SPECIAL TREATMENT:	Treat symptomatically.

## SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	Water, carbon dioxide, chemical or foam.
UNSUITABLE EXTINGUISHING MEDIA:	None.
SPECIFIC FIRE HAZARDS:	This product will burn in fire conditions. Fine dust can form an explosive mixture with air.
HAZARDOUS COMBUSTION PRODUCTS:	Oxides of carbon.
SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS:	Self-contained breathing apparatus and chemical resistant clothing required for firefighting personnel.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Use appropriate safety equipment. Eliminate ignition sources. Avoid creating dust clouds.

### METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Sweep up or vacuum to collect spilled material. Collect uncontaminated material for repackaging. Collect contaminated material in approved containers for disposal. Flush spill area with copious quantities of water.

## SECTION 7: HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

Avoid generating dust. Ensure dust does not accumulate on surfaces. Practice reasonable caution and personal cleanliness. Launder contaminated clothing before reuse.

### CONDITIONS FOR SAFE STORAGE & INCOMPATIBILITIES

Store in cool, dry area away from ignition sources and oxidizers.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS:	Not listed.
ENGINEERING CONTROLS:	Use only with adequate ventilation. If user operations generate dust use process enclosure, local exhaust ventilation or other engineering controls to keep worker exposure below limits.
	PERSONAL PROTECTIVE MEASURES
RESPIRATORY PROTECTION:	Dust mask sufficient for normal conditions of use.
PROTECTIVE GLOVES:	Personal preference.
EYE PROTECTION:	Safety glasses with side shields recommended.
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 granules
ODOUR:	Odourless
ODOUR THRESHOLD:	Not determined
pH:	4 – 5
MELTING POINT / FREEZING POINT:	Not applicable
BOILING POINT / RANGE:	Not applicable
FLASH POINT:	193°C
EVAPORATION RATE:	Not applicable
FLAMMABILITY:	Combustible
FLAMMABILITY / EXPLOSIVE LIMITS:	Not determined
VAPOUR PRESSURE:	Not applicable
VAPOUR DENSITY:	Not applicable
RELATIVE DENSITY:	1.2 – 1.35
SOLUBILITY:	Insoluble in water
PARTITION COEFFICIENT:	Not applicable
AUTO-IGNITION TEMPERATURE:	243°C
DECOMPOSITION TEMPERATURE:	Not available
VISCOSITY:	Not available

## SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:	Not reactive.
CHEMICAL STABILITY:	Stable.
POSSIBILITY OF HAZARDOUS REACTIONS:	None known.
CONDITIONS TO AVOID:	Excessive heat. Ignition sources.
INCOMPATIBLE MATERIALS:	Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	Not available.

## SECTION 11: TOXICOLOGICAL INFORMATION

PRODUCT TOXICITY:	No information available.
SKIN CONTACT:	No adverse effects expected.
EYE CONTACT:	May cause mechanical irritation.
INGESTION:	No adverse effects expected.
INHALATION:	May cause irritation of the upper respiratory tract.
CARCINOGENICITY:	Does not contain any carcinogens or potential carcinogens.
TERATOGENICITY:	No information available.
REPRODUCTIVE TOXICITY:	No information available.
MUTAGENICITY:	No information available.
CHRONIC TOXICITY:	No information available.
TARGET ORGAN EFFECTS:	Not available.

## SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY:	No data available. Not expected to be hazardous to the environment.
PERSISTENCE AND DEGRADABILITY:	Not determined.
BIOACCUMULATIVE POTENTIAL:	Low potential for bioaccumulation.
MOBILITY IN SOIL:	Not determined.
OTHER ADVERSE EFFECTS:	No known significant effects or critical hazards.

## 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. It may be possible to dispose of noncontaminated walnut in general landfill; check with local operator.

## SECTION 14: TRANSPORTATION INFORMATION

TDG	Not regulated
DOT	Not regulated
IATA	Not regulated
IMDG HAZARDS:	Not regulated
BULK TRANSPORT:	Not regulated
SPECIAL PRECAUTIONS:	None

**SECTION 15: REGULATORY INFORMATION**

DSL:	Listed
WHMIS CLASS:	Not controlled
TSCA:	Listed

**SECTION 16: OTHER INFORMATION**

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