



### SECTION I: IDENTIFICATION OF PRODUCT

COMPANY: **Diversity Technologies Corp.** DATE: **February 18, 2016**  
**8750 – 53<sup>rd</sup> Ave.** PHONE: **780-440-4923**  
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PRODUCT NAME: **WALNUT**

PRODUCT USE: Oilwell drilling fluid additive  
 CHEMICAL FAMILY: Walnut shell (organic) CAS #: Not available

### WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: Not a controlled product under WHMIS  
 WORKPLACE HAZARD: **May form combustible dust concentrations in air.**

### TRANSPORTATION OF DANGEROUS GOODS (TDG)

PROPER SHIPPING NAME: Not regulated under TDG  
 TDG CLASSIFICATION: Not applicable  
 UN NUMBER (PIN): Not applicable  
 PACKING GROUP: Not applicable

### SECTION II: HAZARDOUS INGREDIENTS

INGREDIENT	% (w/w)	CAS NUMBER	LD <sub>50</sub> Oral-Rat	LC <sub>50</sub> Inhal-Rat	ACGIH-TLV
Natural walnut shell	100	84012-43-1	Not available	Not available	Not established

### SECTION III: HEALTH HAZARDS

ROUTE OF ENTRY:  EYE CONTACT  SKIN CONTACT  INHALATION  INGESTION  
 EYE CONTACT: May cause mechanical irritation.  
 SKIN CONTACT: No effects expected.  
 INGESTION: No toxic effects expected.  
 INHALATION: Possible irritation of nasal passages, throat and bronchial passages due to walnut hull dust contained in product.  
 CARCINOGENICITY: No information available.  
 TERATOGENICITY: No information available.  
 REPRODUCTIVE TOXICITY: No information available.  
 MUTAGENICITY: No information available.  
 SYNERGISTIC PRODUCTS: No information available.

# WALNUT

## SECTION IV: FIRST AID MEASURES

SKIN CONTACT:	Wash with soap and water. If irritation develops use hand lotion.
EYE CONTACT:	Flush eye to remove debris. If irritation persists consult a physician.
INGESTION:	No toxic effects expected.
INHALATION:	Remove patient from dusty environment. If breathing difficulty develops administer oxygen and get medical attention.

## SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR:	Tan, granular or flour-like solid; odourless
SPECIFIC GRAVITY:	1.2 – 1.4
BOILING POINT (°C):	Not applicable
MELTING POINT (°C):	Not applicable
SOLUBILITY IN WATER:	Insoluble
PERCENT VOLATILE BY VOLUME:	Not applicable
EVAPORATION RATE:	Not applicable
VAPOUR PRESSURE (mmHg):	Not available
VAPOUR DENSITY (air = 1):	Not available
BULK DENSITY:	Not available
	pH: Not applicable

## SECTION VI: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	Not applicable
FLAMMABLE LIMITS:	Not applicable
EXTINGUISHING MEDIA:	Use media suitable for packaging and surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES:	Self-contained breathing apparatus required for fire-fighting personnel.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	This product will burn in fire conditions. <b>Fine dust can form an explosive mixture with air.</b>
HAZARDOUS COMBUSTION PRODUCTS:	No information available.

## SECTION VII: REACTIVITY DATA

STABILITY:	<input checked="" type="checkbox"/> STABLE	<input type="checkbox"/> UNSTABLE
INCOMPATIBILITY (CONDITIONS TO AVOID):	None known.	
CONDITIONS OF REACTIVITY:	Not known.	
HAZARDOUS DECOMPOSITION PRODUCTS:	Not determined.	
HAZARDOUS POLYMERIZATION:	<input checked="" type="checkbox"/> WILL NOT OCCUR	<input type="checkbox"/> MAY OCCUR

# WALNUT

## SECTION VIII: PREVENTIVE MEASURES

### SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:	Suggest dust mask; nuisance dust.
VENTILATION:	No special ventilation required.
PROTECTIVE GLOVES:	Suggest gloves.
EYE PROTECTION:	Suggest goggles.
OTHER PROTECTIVE EQUIPMENT (SPECIFY):	Long sleeve shirt and coveralls.

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Eye and respiratory protection suggested when handling this material. **Avoid generation of dust.** **Ensure dust does not accumulate on surfaces.** Store in a cool dry area away from open flames.

### STEPS TO BE TAKEN IN CASE THE MATERIAL IS SPILLED OR RELEASED

Wear suitable protective equipment. **Eliminate ignition sources.** **Avoid creating dust clouds when cleaning.** Sweep up and collect uncontaminated material for repackaging. Sweep up, and collect contaminated material for disposal.

### WASTE DISPOSAL METHOD

This product is nonhazardous and can be disposed of as such. Dispose/incinerate in accordance with all 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.

## SECTION IX: PREPARATION

The information contained herein is given in good faith, but no warranty, expressed or implied, is made.

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