

**SECTION I: IDENTIFICATION OF PRODUCT**

COMPANY: **Diversity Technologies Corp.**      DATE: **November 29, 2016**  
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PRODUCT NAME: **Modified Starch**

PRODUCT USE: Blend Intermediate  
CHEMICAL FAMILY: Sodium carboxymethyl starch      CAS #: 9063-38-1

**WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)**

WHMIS CLASSIFICATION: Not a controlled product under WHMIS  
WORKPLACE HAZARD: Treat as a nuisance dust

**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
Contains no WHMIS controlled ingredients.					

**SECTION III: HEALTH HAZARDS**

ROUTE OF ENTRY:       EYE CONTACT     SKIN CONTACT     INHALATION     INGESTION

EYE CONTACT:      May cause irritation.

SKIN CONTACT:      No evidence of harmful effects from available information.

INGESTION:      No evidence of harmful effects from available information.

INHALATION:      May cause irritation. No evidence of harmful effects from available information.

CARCINOGENICITY:      No information available.

TERATOGENICITY:      No information available.

REPRODUCTIVE TOXICITY:      No information available.

MUTAGENICITY:      No information available.

SYNERGISTIC PRODUCTS:      No information available.



**SECTION VII: REACTIVITY DATA**

STABILITY:	<input checked="" type="checkbox"/> STABLE	<input type="checkbox"/> UNSTABLE
INCOMPATIBILITY (CONDITIONS TO AVOID):	Avoid contact with strong oxidizers. Avoid handling in area where sparks or open flames are present.	
CONDITIONS OF REACTIVITY:	Not available	
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon produced upon combustion.	
HAZARDOUS POLYMERIZATION:	<input checked="" type="checkbox"/> WILL NOT OCCUR	<input type="checkbox"/> MAY OCCUR

**SECTION VIII: PREVENTIVE MEASURES****SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION:	Wear NIOSH/MESA approved dust mask or respirator with dust cartridges if dust is generated during use.
VENTILATION:	General mechanical ventilation is normally adequate. Use local exhaust ventilation, process enclosure or other engineering controls to maintain level of airborne dust below TLV.
PROTECTIVE GLOVES:	Suggest plastic or rubber.
EYE PROTECTION:	Suggest goggles or safety glasses with side-shields be worn.
OTHER PROTECTIVE EQUIPMENT (SPECIFY):	Ensure emergency eye wash station and safety shower are available when handling chemicals.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Keep away from heat, sparks, and open flames. Avoid contact with eyes. Wash thoroughly after handling. Launder contaminated clothing before reuse. Avoid dispersion of dust in air to reduce potential for dust ignition/explosion. Handle in properly bonded and grounded, electrically conductive equipment. Store in sealed containers in a cool, dry area away from oxidizers.

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

Wear suitable protective equipment. Avoid creating dust clouds. Collect with vacuum if possible. Collect uncontaminated material for repackaging. Collect contaminated material in an approved container for disposal.

**WASTE DISPOSAL METHOD**

Dispose in accordance with federal, provincial and local regulations. This product, if uncontaminated, can be land-filled in most areas; check with local operator. It is the responsibility of the end-user to determine if material meets the criteria of hazardous waste at the time of disposal. Dispose of, or recycle, empty packaging in accordance with local regulations.

## **SECTION IX: PREPARATION**

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

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