

MATERIAL SAFETY DATA SHEET



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EXTREME NUMBER ONE

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PAGE 1 OF 5

WHMIS HAZARD INDEX:

DEGREE OF HAZARD:

HEALTH 1
FIRE 0
REACTIVITY 0
OTHER: B (GLASSES & GLOVES)

HAZARD RATING:

0 LEAST
1 SLIGHT
2 MODERATE
3 HIGH
4 EXTREME

SECTION 1

PRODUCT IDENTIFICATION

PRODUCT NAME:	EXTREME NUMBER ONE
CHEMICAL IDENTIFICATION:	Acrylamide, Acrylate Copolymer
MATERIAL USE:	Drilling Fluid Additive
WHMIS CLASSIFICATION:	Not Regulated
WORK PLACE HAZARD:	Not Applicable

TRANSPORTATION OF DANGEROUS GOODS (TDGR)

CLASSIFICATION:	Not Dangerous Goods
PACKAGE GROUP:	Not Applicable
CAS NUMBER:	Not Applicable
MSDS CODE:	Not Applicable

SECTION 2

HAZARDOUS INGREDIENTS

INGREDIENT:	None Considered Hazardous
PERCENTAGE:	Not Available
CAS NUMBER:	Not Available
LD (50):	Not Available
LC (50):	Not Available

EXTREME NUMBER ONE

MATERIAL SAFETY DATA SHEET**SECTION 3****PHYSICAL DATA**

APPEARANCE AND ODOUR:	Slight, mild odour, white, granular solid
DENSITY (SPECIFIC GRAVITY):	.80
BOILING POINT:	Not Available
MELTING POINT:	Not Available
SOLUBILITY:	Soluble
EVAPORATION RATE: (EE=1):	Not Available
VAPOUR PRESSURE: (MM HG):	Not Available
VAPOUR DENSITY: (AIR = 1):	Not Available

SECTION 4**FIRE AND EXPLOSION**

FLASHPOINT:	Not Applicable
FLAMMABLE LIMIT:	Not Available
AUTO IGNITION TEMP:	No Data
EXTINGUISHING MEDIA:	Dry Chemical, Carbon Dioxide, Foam
SPECIAL FIRE FIGHTING PROCEDURES:	Self-Contained Respirators For Fire Fighting Personnel.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Products of incomplete combustion and oxides of nitrogen and carbon.

SECTION 5**REACTIVITY DATA**

STABILITY (THERMAL, LIGHT, ETC.):	Stable
INCOMPATIBILITY (CONDITIONS TO AVOID):	Strong oxidizing agents and highly alkaline solutions
HAZARDOUS POLYMERIZATION:	Will not occur
HAZARDOUS DECOMPOSITION PRODUCTS:	None

EXTREME NUMBER ONE

MATERIAL SAFETY DATA SHEET

SECTION 6**HEALTH HAZARDS**

ROUTE OF ENTRY:

(X) SKIN

(X) EYE CONTACT

(X) INHALATION

(X) INGESTION

SKIN CONTACT:

May be minimally irritating to sensitive skin upon prolonged direct contact.

EYE CONTACT:

May be minimally irritating to eyes upon direct contact.

INHALATION:

May cause irritation to nose and throat.

SECTION 7**PREVENTATIVE MEASURES**

SKIN PROTECTION:

Impervious gloves, protective clothing as required
Goggles.

EYE PROTECTION:

General mechanical; 10 changes per hour.

VENTILATION:

Approved dust mask; MESA type

RESPIRATORY PROTECTION:

Ventilate area, wear rubber boots, gloves and a self-contained respirator if ventilation inadequate.

LEAK & SPILL PROCEDURE:

Collect into waste container. wash site after pick up. Water solutions extremely slippery.

WASTE DISPOSAL:

Dispose in compliance with government regulations and local requirements.

STORAGE REQUIREMENTS:

Cool, dry area, away from oxidizing and reducing agents. Keep containers closed when not in use. Avoid prolonged contact when handling. Do not inhale dust.

EXTREME NUMBER ONE**MATERIAL SAFETY DATA SHEET****SECTION 8****FIRST AID MEASURES**

SKIN:

Wash thoroughly with soap and warm water

EYE:

Flush with water for at least 15 minutes. Seek medical attention.

INHALATION:

Remove to fresh air. if not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

INGESTION:

Do not induce vomiting. If conscious, dilute by giving two glasses of water. Seek medical attention.

SECTION 9**PREPARATION DATE**

DATE ISSUED:

April 18, 2009

BY:

PRODUCT SAFETY COMMITTEE

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EXTREME NUMBER ONE

MATERIAL SAFETY DATA SHEET

ADDENDUM

SECTION 10ECOLOGICAL INFORMATION

ACUTE TOXICITY:

- Oral:
- Dermal:
- Inhalation:

LD50/oral/rat > 5000 mg/kg

The results of lab testing showed this material to be non-toxic even at high dose levels.

The product is not expected to be toxic by inhalation.

IRRITATION:

- Skin:
- Eyes:

The results of lab testing showed this material to be non-irritating to the skin.

Testing conducted according to the Draize technique showed the material produces no corneal or iridial effects and only slight transitory conjunctival effects similar to those which all granular materials have no conjunctivae.

SENSITIZATION:

The results of lab testing showed this material to be non-sensitizing.

CHRONIC TOXICITY:

The results of extensive lab testing did not reveal adverse health effects.

ECOTOXICITY

- Fish:
- Algae:

LC50 / Fathead minnows / 96 hours > 1000 mg/l

EC50 / Selenastrum capricornutum > 96 hours > 500 mg/l

Bioaccumulation:

The product is not expected to bioaccumulate.

Persistence / degradability:

Not readily biodegradable.