

Material Safety Data Sheet

Drill Fluid Additives

Nunavut Water
Board
JUL 27 2005
Public Registry

INTERNAL	
PC	dp
MA	
FO	
LA	
BS	
ST	
TA1	
TA2	
RC	
ED	
CH	
BRD	
EXT.	

Material Safety Data / Fiche signalétique

WESTCOAST DRILLING SUPPLIES LTD.

8089 River Way, Delta, British Columbia,
Canada V4C 1L3
Ph. (604) 940-8050 Fax (604) 940-6080

EMERGENCY 1-800-565-8645

SECTION I: IDENTIFICATION OF PRODUCT

PRODUCT NAME: 550X® POLYMER
CHEMICAL FAMILY: Anionic water soluble polymer
PRODUCT USE: Drilling mud additive
WHMIS CLASSIFICATION: Not WHMIS regulated

TRANSPORTATION OF DANGEROUS GOODS (TDGR)

CLASSIFICATION: Not applicable
PACKAGE GROUP: Not applicable
UN NUMBER (PIN): Not applicable

SECTION II: HAZARDOUS INGREDIENTS

INGREDIENT	PERCENTAGE	CAS NUMBER	LD50	LC50
Copolymer of Acrylamide and Sodium Acrylate		25085-02-3		
Acrylamide	0.1000	79-06-1		

SECTION III: HEALTH HAZARDS

ROUTES OF ENTRY
[XXX] Skin [XXX] Eye Contact [XXX] Inhalation [XXX] Ingestion

THRESHOLD LIMIT VALUE: Not determined
SKIN CONTACT: No effects of exposure expected due to contact. Prolonged contact may cause slight skin irritation or dermatitis in some individuals.

EYE CONTACT: No effects of exposure expected with the exception of mechanical irritation.

INGESTION: No adverse effects expected. Product may swell in throat causing choking.

INHALATION: May cause sneezing, slight irritation of nose and throat.

SECTION IV: FIRST AID MEASURES

SKIN CONTACT: Wash with soap and water as a precaution. In case of persistent skin irritation, consult a physician.

EYE CONTACT: Rinse thoroughly with plenty of water, also under the eyelid. In case of persistent eye irritation, consult a physician.

INGESTION: The product is not considered toxic based on studies on laboratory animals. Do not induce vomiting, give 2-3 glasses of water.

INHALATION: Move to fresh air. If not breathing give artificial respiration. Seek medical attention.

Material Safety Data / Fiche signalétique

WESTCOAST DRILLING SUPPLIES LTD.
8000 River Way, Delta, British Columbia,
Canada V40 1L8
Ph. (604) 940-8050 Fax (604) 940-8080

EMERGENCY 1-800-561-6815

550X® POLYMER

Page 2 of 4

SECTION V: PHYSICAL DATA

APPEARANCE	White granular solid
ODOR	None
SPECIFIC GRAVITY	0.8 at 25° C (77 F)
BOILING POINT (°C)	Not applicable
MELTING POINT (°C)	Not determined
SOLUBILITY IN WATER	Forms a gel
PERCENT VOLATILE BY VOLUME	Not determined
EVAPORATION RATE	Not determined
VAPOR PRESSURE (mm Hg)	Not determined
VAPOR DENSITY (Air=1)	Not determined
pH	4 - 9 @ 5g/L

SECTION VI: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT	93° C (200 F)
FLAMMABLE LIMITS	Not determined
EXTINGUISHING MEDIA	Dry Chemical, Carbon Dioxide
SPECIAL FIRE FIGHTING PROCEDURES	Aqueous solutions or powders that become wet render surfaces extremely slippery.
UNUSUAL FIRE AND EXPLOSION HAZARDS	No special equipment required.

SECTION VII: REACTIVITY DATA

STABILITY	[XXX] Stable [] Unstable
INCOMPATIBILITY (Conditions to avoid)	Oxidizing agents
CONDITIONS OF REACTIVITY	Not known
HAZARDOUS DECOMPOSITION PRODUCTS	NO _x CO _x
HAZARDOUS POLYMERIZATION	[XXX] Will not occur [] May occur

Material Safety Data / Fiche signalétique

WESTCOAST DRILLING SUPPLIES LTD.
8069 River Way, Delta, British Columbia,
Canada V4C 1L3
Ph. (604) 940-8050 Fax (604) 940-6080

EMERGENCY 1-800-585-8045

550X® POLYMER

Page 3 of 4

SECTION VIII: PREVENTIVE MEASURES**SPECIAL PROTECTION INFORMATION****RESPIRATORY PROTECTION**Dust masks are recommended where concentration of total dust is more than 10 mg/m³**VENTILATION**

General mechanical

PROTECTIVE GLOVES

Chemically resistant

EYE PROTECTION

Safety glasses with side shields

OTHER PROTECTIVE EQUIPMENT (Specify)

Not known

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

Do not flush with water. Clean up promptly by sweeping or vacuum.

Keep in suitable and closed containers for disposal.

After cleaning, flush away trace with water.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid contact with skin and eyes. Avoid dust formation. Do not breathe dust. Wash hands before breaks and at the end of the day. Keep in a cool dry place (0 - 30 °C)

WASTE DISPOSAL METHOD

Can be land filled or incinerated, when in compliance with local, provincial and federal regulations.

SECTION IX: TOXICOLOGICAL INFORMATION**CARCINOGENICITY**

Not determined

REPRODUCTIVE TOXICITY

Not determined

TERATOGENICITY

Not determined

MUTAGENICITY

Not determined

DEVELOPMENTAL TOXICITY

Not determined

CHRONIC EFFECTS:

This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.

Material Safety Data / Fiche signalétique

WESTCOAST DRILLING SUPPLIES LTD.
8069 River Way, Delta, British Columbia,
Canada V8C 1L3
Ph. (604) 940-8050 Fax (604) 940-6080

EMERGENCY 1-800-885-0843

550X POLYMER

Page 4 of 4

SECTION X: PREPARATION

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

DATE ISSUED: August, 2001

DATE REVISED: August, 1998

BY: Product Safety Committee

AMENDMENT HAZARDOUS INGREDIENTS (550X)

Material or component	WT% Hazard data
COPOLYACRYLAMIDE/SODIUM ACRYLATE	Not considered hazardous

ENVIRONMENTAL

DEGRADABILITY/AQUATIC TOXICITY:	Not determined	
OCTANOL/WATER PARTITION COEFFICIENT	Not determined	
WASTE DISPOSAL METHODS:	Incineration and/or disposal in Chemical Landfill. Disposer must comply with federal, provincial and local disposal or discharge laws.	
RCRA STATUS OF UNUSED MATERIAL IF DISCARDED:	Not a "Hazardous Waste"	
HAZARDOUS WASTE NUMBER:	Not available	
REPORTABLE QUANTITY:	EPA 40 CFR (CBRCLA 102):	Not applicable
THRESHOLD PLANNING QUANTITY:	EPA 40 CFR 355 (SBRA 301-304):	Not applicable
TOXIC CHEMICAL RELEASE REPORTING:	EPA 40 CFR 372 (SBRA 311-313):	Not applicable
EPA HAZARD CLASSIFICATION CODE:	ACUTE - Yes FIRE - No	CHRONIC - No PRESSURE - No REACTIVE - No
HMIS AND NFPA RATINGS:	HMIS	NFPA
HEALTH	1	1
FLAMMABILITY	0	0
REACTIVITY	1	1
SPECIAL	Not applicable	Not applicable