

MATERIAL SAFETY DATA SHEET

DD 2000

SECTION I – Product Identification

MANUFACTURER'S NAME:	Control Chemical (1989) Corporation
MANUFACTURER'S ADDRESS:	7016, 30 th Street S.E. Calgary, Alberta, Canada T2C 1N9
EMERGENCY PHONE NUMBER:	(403) 720-7044
SUPPLIER IDENTIFIER:	
SUPPLIER'S ADDRESS:	
SUPPLIER'S EMERGENCY PHONE NUMBER:	
PRODUCT IDENTIFIER:	DD 2000
PRODUCT USE:	Drilling mud – Co-polymer of Acrylamide and Sodium Acrylate

SECTION II – Hazardous Ingredients of Materials

Chemical Identity	Concentration	CAS#/NA#/UN#	LD (50)	LC (50)
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No regulated components.

This is not a WHMIS controlled product.

SECTION III – Physical Data for Product

PHYSICAL STATE:	Solid
ODOUR AND APPEARANCE:	Granular white solid. Faint odour
ODOUR THRESHOLD:	Not available
SPECIFIC GRAVITY:	0.80
VAPOR PRESSURE:	Very low
VAPOR DENSITY (Air = 1):	Not available
EVAPORATION RATE:	Not available
BOILING POINT:	Decomposes
FREEZING POINT:	Not available
pH:	Not available
DENSITY (g/ml):	0.80
COEFFICIENT OF WATER / OIL DISTRIBUTION:	Not available

SECTION IV – Fire and Explosion Hazard of Product

CONDITIONS OF FLAMMABILITY:	Requires a source of ignition, the presence of air, and a temperature greater than the flash point.
MEANS OF EXTINCTION:	Use dry chemical, foam, or carbon dioxide. Water may cause excessive slipperiness
FLASHPOINT AND METHOD OF DETERMINATION:	No flash point
UPPER EXPLOSION LIMIT (% by Vol):	Not available
LOWER EXPLOSION LIMIT (% by Vol):	Not available

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AUTO-IGNITION TEMPERATURE:	Not available
FLAMMABILITY CLASSIFICATION:	Not available. Not a controlled product.
HAZARDOUS COMBUSTION PRODUCTS:	Not available
EXPLOSION DATA:	Not available
SENSITIVITY TO STATIC DISCHARGE:	Not available

SECTION V – Reactivity Data

CHEMICAL STABILITY:	Stable under normal conditions. Hazardous polymerization will not occur
INCOMPATIBLE MATERIALS:	Avoid strong oxidizing and reducing agents.
CONDITIONS OF REACTIVITY:	Avoid contamination with reactive substances
HAZARDOUS DECOMPOSITION PRODUCTS:	Not available

SECTION VI – Toxicological Properties of Product

ROUTES OF ENTRY:	
SKIN CONTACT:	No effects of exposure expected due to contact. Prolonged contact may cause skin irritation or dermatitis in some individuals.
SKIN ABSORPTION:	No known hazard due to skin absorption
EYE:	No effects of exposure expected with the exception of possible irritation
INHALATION:	May cause sneezing, slight irritation of nose and throat
INGESTION:	
ACUTE OVER EXPOSURE EFFECTS:	
CHRONIC OVER EXPOSURE EFFECTS:	Skin irritation or dermatitis may occur upon frequent or prolonged contact.
EXPOSURE LIMITS:	TWAEV = 0.03 mg/m ³ (skin) (Ont. Reg. 654/86).
IRRITANCY OF PRODUCT:	Eye: mild irritant.
SENSITIZATION TO MATERIAL:	Repeated or prolonged contact may cause sensitization in some individuals
CARCINOGENICITY, REPRODUCTIVE EFFECTS:	
TERATOGENICITY, MUTAGENICITY:	Not available
TOXICOLOGICALLY SYNERGISTIC PRODUCTS:	Not available

SECTION VII – Preventive Measures

PERSONAL PROTECTIVE EQUIPMENT:	Chemical goggles, impervious gloves, and protective clothing as required to prevent contact. Use a mechanical-filter respirator as required to prevent exposure.
SPECIFIC ENGINEERING CONTROLS:	General ventilation with a good source of make-up air recommended for all indoor situations

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LEAK AND SPILL PROCEDURES:	Ventilate area. Wear rubber boots, gloves, and a self-contained breathing apparatus if ventilation is not adequate. Collect into waste container. Avoid raising dust. Wash spill site after material pickup. Water solutions are very slippery. May constitute a hazard following a spill
WASTE DISPOSAL:	Dispose of waste according to Federal, Provincial, and Municipal regulations.
HANDLING PROCEDURES AND EQUIPMENT:	Avoid prolonged or frequent contact when handling material. Do not inhale dust or breathe vapor. Wear a NIOSH approved mechanical-filter respirator, if adequate ventilation cannot be provided. Avoid skin or eye contact.
STORAGE REQUIREMENTS:	Keep container closed when not in use. Store in cool and dry location away from oxidizing and reducing agents.
SPECIAL SHIPPING INFORMATION:	None

SECTION VIII – First Aid Measures

SPECIFIC FIRST AID PROCEDURES:	Skin contact: wash exposed area with soap and water. If irritation or abnormalities persist, call a physician. Eye contact: Immediately flush eyes with water for 15 minutes and call a physician. Inhalation: remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician. Ingestion: do not induce vomiting. If conscious, dilute by giving two glasses of water. Call a physician immediately.
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SECTION X – Preparation Date of Material Safety Data Sheet

PREPARED BY:	Safety Committee
PHONE NUMBER OF PREPARER:	(403) 720-7044
DATE PREPARED:	April 28, 2011

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