

MATERIAL SAFETY DATA SHEET

DD XPAND

SECTION I – Product Identification

MANUFACTURER'S NAME: Control Chemical (1989) Corporation
MANUFACTURER'S ADDRESS: 7016, 30th Street S.E.
Calgary, Alberta, Canada
T2C 1N9
EMERGENCY PHONE NUMBER: (403) 720-7044
CHEMICAL IDENTIFIER: Polyacrylamide
SUPPLIER'S ADDRESS:
SUPPLIER'S EMERGENCY PHONE NUMBER:
PRODUCT IDENTIFIER: DD XPAND
PRODUCT USE: Loss circulation and Plug Additive

SECTION II – Hazardous Ingredients of Materials

Chemical Identity	Concentration	CAS#/NA#/UN#	LD (50)	LC (50)
Free acrylamide				
Not a WHMIS controlled product				

SECTION III – Physical Data for Product

PHYSICAL STATE: White granular crystals
ODOUR AND APPEARANCE: White granular crystals. No odour.
ODOUR THRESHOLD:
SPECIFIC GRAVITY: 08 @ 25 degrees Celcius
VAPOR PRESSURE: Not applicable
VAPOR DENSITY (Air = 1): Not applicable
EVAPORATION RATE:
BOILING POINT: Not applicable
FREEZING POINT:
pH:
DENSITY (g/ml):
COEFFICIENT OF WATER / OIL
DISTRIBUTION:

SECTION IV – Fire and Explosion Hazard of Product

CONDITIONS OF FLAMMABILITY:
MEANS OF EXTINCTION: Dry chemical, carbon dioxide
FLASHPOINT AND METHOD OF DETERMINATION: > 93 degrees Celcius C.C.
UPPER EXPLOSION LIMIT (% by Vol): N/E
LOWER EXPLOSION LIMIT (% by Vol): N/E
AUTO-IGNITION TEMPERATURE:
FLAMMABILITY CLASSIFICATION: Will burn
HAZARDOUS COMBUSTION PRODUCTS: Oxides of nitrogen and carbon
EXPLOSION DATA:
SENSITIVITY TO STATIC DISCHARGE:

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SECTION V – Reactivity Data

CHEMICAL STABILITY: Stable
INCOMPATIBLE MATERIALS: Water, before use
CONDITIONS OF REACTIVITY:
HAZARDOUS DECOMPOSITION PRODUCTS: None

SECTION VI – Toxicological Properties of Product

ROUTES OF ENTRY:
SKIN CONTACT:
SKIN ABSORPTION:
EYE:
INHALATION:
INGESTION:
ACUTE OVER EXPOSURE EFFECTS:
CHRONIC OVER EXPOSURE EFFECTS:
EXPOSURE LIMITS:
IRRITANCY OF PRODUCT:
SENSITIZATION TO MATERIAL:
CARCINOGENICITY, REPRODUCTIVE
EFFECTS:
TERATOGENICITY, MUTAGENICITY:
TOXICOLOGICALLY SYNERGISTIC
PRODUCTS:

SECTION VII – Preventive Measures

PERSONAL PROTECTIVE EQUIPMENT: For respiratory protection: Dust mask. Safety glasses recommended
SPECIFIC ENGINEERING CONTROLS:
LEAK AND SPILL PROCEDURES:
WASTE DISPOSAL: Consult local, state or Federal authorities
HANDLING PROCEDURES AND EQUIPMENT:
STORAGE REQUIREMENTS:
SPECIAL SHIPPING INFORMATION: Not T.D.G. controlled

SECTION VIII – First Aid Measures

SPECIFIC FIRST AID PROCEDURES: Flush eyes with water. Rinse contaminated skin with soap and water. In case of discomfort by vapors or dusts, move to a ventilated area.

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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:	January 02, 2006

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