

Material Safety Data Sheet

DD 605L

Material Identification and Use

MANUFACTURER'S NAME Control Chemical (1989) Corporation
MANUFACTURER'S ADDRESS 7016 30 Street SE Calgary, Alberta T2C 1N9
EMERGENCY PHONE NUMBER..... (403) 720-7044
SUPPLIER IDENTIFIER
SUPPLIER'S ADDRESS
SUPPLIER EMERGENCY PHONE NUMBER
PRODUCT IDENTIFIER DD 605L
PRODUCT USE Drilling Fluid Thinner

Hazardous Ingredients of Materials

Chemical Identity	Concentration	CAS#/NA#/UN#	LD(50)	LC(50)
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Physical Data For Product

PHYSICAL STATE..... Liquid
ODOUR AND APPEARANCE Pale amber viscous liquid. Odourless.
ODOUR THRESHOLD Not Available
SPECIFIC GRAVITY..... (H20=1) 1.2-1.3 at 25 degrees C
VAPOUR PRESSURE..... <1.0
VAPOUR DENSITY (air=1)..... >10.0
EVAPORATION RATE.....
BOILING POINT 100 degrees C
FREEZING POINT Not Available
pH..... 7.0 - 9.0 at 25 degrees C
DENSITY (g/ml).....
COEFFICIENT OF WATER/OIL DISTRIBUTION

Fire and Explosion Hazard of Product

CONDITIONS OF FLAMMABILITY Requires a source of ignition, a presence of air, and temperature greater than flashpoint.
MEANS OF EXTINCTION Dry Chemical, CO2, foam and water are effective, but may cause frothing.
FLASHPOINT AND METHOD OF DETERMINATION .. >93.3 degrees C (C.C.)
UPPER EXPLOSION LIMIT(% BY VOL) Not Available
LOWER EXPLOSION LIMIT(% BY VOL)..... Not Available
AUTO-IGNITION TEMPERATURE Not Available
FLAMMABILITY CLASSIFICATION
HAZARDOUS COMBUSTION PRODUCTS Carbon oxides and products of incomplete combustion.
EXPLOSION DATA Not sensitive.
SENSITIVITY TO STATIC DISCHARGE Not Sensitive

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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.

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	Not available
EYE.....	May cause watering of eyes and inflammation of conjunctiva.
INHALATION.....	If misted, may cause sneezing, slight irritation of nose and throat.
INGESTION	May cause nausea and vomiting.
ACUTE OVER EXPOSURE EFFECTS	Inhalation: Not a like route of exposure. Ingestion, eyes, and skin: Not established.
CHRONIC OVER EXPOSURE EFFECTS	Skin irritation or dermatitis may occur upon frequent or prolonged contact.
EXPOSURE LIMITS.....	None established
IRRITANCY OF PRODUCT	Eye: mild irritant.
SENSITIZATION TO MATERIAL	No evidence to indicate sensitizer.
CARCINOGENICITY, REPRODUCTIVE EFFECTS	Product has not been listed as a carcinogen or potential carcinogen by either the ACGTH or the IARC.
TERATOGENICITY, MUTAGENICITY.....	
TOXICOLOGICALLY SYNERGISTIC PRODUCTS	Not available

Preventive Measures

PERSONAL PROTECTIVE EQUIPMENT.....	Safety glasses recommended. Rubber Gloves. Avoid skin and eye contact. Keep containers tightly closed. Water solutions are very slippery, they can constitute a hazard following spills.
SPECIFIC ENGINEERING CONTROLS.....	Adequate ventilation should be provided.
LEAK AND SPILL PROCEDURES	Small amounts - Flush with water. Large amounts - Contain spill and collect into waste container. Absorb remaining product with earth or sand and dispose of with solid waste. Flush spill area with water. Water solutions are very slippery. May hazardous slippery conditions. For significant release, contact appropriate regulatory authorities.
WASTE DISPOSAL.....	Dispose of waste according to federal, provincial, and local regulations.
HANDLING PROCEDURES AND EQUIPMENT	Avoid prolonged or frequent contact when handling material. Avoid breathing mist or vapour. Use a NIOSH approved chemical cartridge 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. Avoid extreme temperatures. Do not freeze.
SPECIAL SHIPPING INFORMATION.....	Not Regulated.

First Aid Measures

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

Preparation Date of Material Safety Data Sheet

PREPARED BY Safety Committee
PHONE NUMBER OF PREPARER (403) 720-7044
DATE PREPARED January 1, 2010

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