

# MATERIAL SAFETY DATA SHEET

## TORQUELESS

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### Product Identification

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MANUFACTURER'S NAME: Control Chemical (1989) Corporation  
MANUFACTURER'S ADDRESS: 7016, 30<sup>th</sup> 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: TORQUELESS  
PRODUCT USE:

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### Hazardous Ingredients of Materials

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Chemical Identity	Concentration	CAS#/NA#/UN# LD (50) LC (50)
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This is not a hazardous or controlled product.

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### Physical Data for Product

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PHYSICAL STATE: Liquid  
ODOUR AND APPEARANCE: Dark brown, distinctive  
ODOUR THRESHOLD:  
SPECIFIC GRAVITY: 0.887  
VAPOR PRESSURE: Not established  
VAPOR DENSITY (Air = 1): Not established  
EVAPORATION RATE: Not established  
BOILING POINT: >300 degrees C  
FREEZING POINT: -18 degrees C  
pH: 7.0 – 7.2  
DENSITY (g/ml):  
COEFFICIENT OF WATER / OIL  
DISTRIBUTION: Not available

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### Fire and Explosion Hazard of Product

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CONDITIONS OF FLAMMABILITY:  
MEANS OF EXTINCTION: Foam, CO<sub>2</sub>, Dry Chemical, water spray  
FLASHPOINT AND METHOD OF DETERMINATION: 290 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: Not available  
EXPLOSION DATA: Not available  
SENSITIVITY TO STATIC DISCHARGE: None

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### Reactivity Data

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CHEMICAL STABILITY: Stable  
INCOMPATIBLE MATERIALS: None  
CONDITIONS OF REACTIVITY: None  
HAZARDOUS DECOMPOSITION PRODUCTS: If burnt, oxides of sulphur

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### Toxicological Properties of Product

ROUTES OF ENTRY:	
SKIN CONTACT:	Wash with soap and water
SKIN ABSORPTION:	None
EYE:	Flush with water for 15 minutes
INHALATION:	No hazard during normal use
INDIGESTION:	Do not induce vomiting, contact physician. Not toxic
ACUTE OVER EXPOSURE EFFECTS:	Inhalation: Not hazardous unless burning toxic fumes possible. Ingestion: Greater than 5000 mg/kg in rats. Eyes: Eye irritation not expected. Skin: No skin irritation or allergic reaction expected
CHRONIC OVER EXPOSURE EFFECTS:	Inhalation: Not hazardous unless burning toxic fumes possible. Ingestion: Greater than 5000 mg/kg in rats. Eyes: Eye irritation not expected. Skin: No skin irritation or allergic reaction expected
EXPOSURE LIMITS:	Not available
IRRITANCY OF PRODUCT:	Not an irritant
SENSITIZATION TO MATERIAL:	None
CARCINOGENICITY, REPRODUCTIVE EFFECTS:	Not available
TERATOGENICITY, MUTAGENICITY:	Not available
TOXICOLOGICALLY SYNERGISTIC PRODUCTS:	Not available

### Preventive Measures

PERSONAL PROTECTIVE EQUIPMENT:	Not necessary
SPECIFIC ENGINEERING CONTROLS:	
LEAK AND SPILL PROCEDURES:	Although product is environmentally safe, spills should be contained and wiped up
WASTE DISPOSAL:	Although product is environmentally safe, spills should be contained and wiped up. Dispose according to Federal, Provincial or Municipal Laws
HANDLING PROCEDURES AND EQUIPMENT:	None
STORAGE REQUIREMENTS:	None
SPECIAL SHIPPING INFORMATION:	None

### First Aid Measures

SPECIFIC FIRST AID PROCEDURES:	Eyes: Flush with water for 15 minutes Ingestion: Do not induce vomiting, contact physician. Not toxic. Skin: Wash with soap and water.
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### Preparation Date of Material Safety Data Sheet

PREPARED BY:	Safety Committee
PHONE NUMBER OF PREPARER:	(403) 720-7044
DATE PREPARED:	January 02, 2007

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