**Material Safety Data Sheet**

**DC-223**

**HMIS: HEALTH-2 FIRE-1 REACTIVITY-1**

Date-Issued 7/2/2008

Date-Revised 7/2/2008

 Revision # New MSDS

**1. PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: DC-223

PRODUCT CODE: 223

MANUFACTURE INFORMATION PHONE (302) 791-0338

Design Chemicals Corp. EMERCENCY PHONE (800) 846-3242

501 Silverside Road

Wilmington, DE 19809

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name wt.% CAS # ENECS #

Chemical identity of all ingredients is kept trade secret

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3. **HAZARDS IDENTIFICATION**

No reportable quantities of hazardous ingredients are present.

POTENTIAL HEALTH EFFECTS

SKIN: Prolonged or repeated skin contact can cause skin irritation and may cause dermatitis.

EYE: Moderately irritation; may aggravate existing conditions.

INHALATION: Mildly irritation.

INGESTION: No harmful effects have been reported upon ingestion.

CARCINOGENICITY: Not listed by NTP, IARC, or OSHA as a carcinogen.

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**4. FIRST AID MEASURES**

EYE: Flush eyes for 15 minutes or more, if irritation persists consult physician.

SKIN: Immediately and thoroughly, wash off with soap and water.

INGESTION: Seek medical advice.

INHALATION: Ensure supply of fresh air.

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**5. PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE: Liquid

ODOR: Acryl ate odor

COLOUR: light yellow liquid

BOLING RANGE: 190=1930C

VAPOUR DENSITY 0.01mm Hg at 200C

SOLUBILITY IN WATER: Insoluble

SPECIFIC GRAVITY: 1.12

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**5. FIRE AND EXPLOSION HAZARD IDENTIFICATION**

FLASH POINT: > 1850C

EXTINGUISHING MEDIA: CO2 Dry Powder, Water Spray

EXPLOSION HAZARDS: High temperature and fire conditions may cause rapid and uncontrollable polymerization which can result in violent rupture of containers.

FIRE FIGHTING PROCEDURES: Fire fighters to wear self contained breathing apparatus and wear protective suit. Cool fire endangered containers by water spray.

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**7. REACTIVITY**

STABLE: YES

CONDITION TO AVOID: Storage > 1000F, exposure to light, loss of dissolved air, contamination with in compatible materials.

HAZARDOUS POLYMERIZATION: Under normal conditions no polymerization.

HAZARDOUS DECOMPOSITION: Thermal decomposition may produce CO and Co2.

INCOMPATIBILITY: Polymerization initiators, including peroxides, strong oxidizing agents, copper, copper alloys, carbon steel, iron, rust, and strong bases.

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**8. FOR SAFE HANDLING AND USE**

STEPS TO BE TAKEN IF MATERIAL IS SPILLED: Appropriate protective equipment must be worn when handling spill of this material. SEE CONTROL MEASURE SECTION for recommendation. If exposed to material during cleanup operation, see the FIRST AID PROCEDURES for action to fallow. Absorb with inert material. Keep spills and runoff out of municipal sewers and open bodies of water

WASTE DISPOSAL METHOD: Incinerate or use biological treatment with Federal and local regulations.

HANDLING AND STORAGE: Store at temperature below 900F. Do not expose to light for extended period of time.

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**9. CONTROL MEASURES**

RESPORATORY PROTECTION: None required if used at room temperature. If material is heated, wear MSHA/NIOSH approved full mask air purifying respirator.

VENTILATION: Use local exhaust ventilation.

PROTECTIVE GLOVES: Gloves made of neoprene provide adequate protection against permeation.

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**TRANSPOTATION INFORMATION**

Not classified as dangerous in meaning of transpotation regulations.

**REGULATORY INFORMATION**

Regulatory Information Inventory Status

 On TSCA, on DSL

 NFPA Rating (0-4)

 Health=2 Flammability=1 Reactivity=1 Special=0

 NO Hazard Class

Symbol(s) None

R-phrases(s) None

S-phrases(s) S26 In case of contact with eyes, rinse immediately with plenty of water and soap.S36/37/39 Wear suitable protective clothes, gloves and safety glasses.

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