



# MATERIAL SAFETY DATA SHEET

SYSTEC 1998® FL

EFFECTIVE DATE: 5/17/05

## SECTION I - IDENTIFICATION

**MANUFACTURER'S NAME:** Regal Chemical Company

**ADDRESS:** 600 Branch Dr. Alpharetta, GA 30004

**TELEPHONE NUMBER:** 770-475-4837

**CHEMICAL NAME AND SYNONYMS:** Thiophante-methyl

**TRADE NAME AND SYNONYMS:** SysTec 1998 FL

EPA Reg. 48234-12

**FORMULA:** C<sub>12</sub>H<sub>14</sub>N<sub>4</sub>O<sub>4</sub>S<sub>2</sub> - (dimethyl [(1,2-phenylene)-bis(iminocarbonothioyl)] bis [carbamate])

## SECTION II - HAZARDOUS INGREDIENTS

CAS NUMBER:	INGREDIENT:	PERCENT BY WEIGHT:	THRESHOLD LIMIT VALUE:
23564-05-8	Thiophante-methyl	46.2%	N/A

## SECTION III - PHYSICAL DATA

**BOILING POINT (°C) :** 100°C

**BULK DENSITY:** N/A

**VAPOR PRESSURE (MM HG):** Not Established

**% VOLATILE BY VOL:** N/A

**VAPOR DENSITY (AIR=1):** N/A

**SOLUBILITY IN WATER:** Dispersible

**APPEARANCE AND ODOR:** Off white, Characteristic odor

**PHYSICAL STABILITY:** Stable

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 1.213 @ 20/21°C

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT(METHOD USED):** N/A

**FLAMMABLE LIMITS:** N/A

**EXTINGUISHING MEDIA:** Water, Foam, CO<sub>2</sub>, Dry Chemical, Or Earth Or Sand

**SPECIAL FIRE FIGHTING PROCEDURES:** N/A

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** N/A

## SECTION V - HEALTH HAZARD DATA

**ORAL INGESTION:** N/A

**EYE CONTACT:** Mild Irritation (transient)

**SKIN CONTACT:** N/A

**SKIN ABSORPTION:** N/A

**INHALATION:** N/A

## FIRST AID PROCEDURES

**EYES:** Flush with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

**SKIN:** Flush with soap and water. Contaminated clothing needs to be removed and washed.

**INHALATION:** Remove to fresh air.

**INGESTION:** Get medical attention. Induce vomiting. Give two glasses of water

## SECTION VI - REACTIVITY DATA

**STABILITY:** Stable under normal conditions

**CONDITIONS TO AVOID:** None

**INCOMPATIBILITY (MATERIALS TO AVOID):** Not Established

**HAZARDOUS DECOMPOSITION PRODUCTS:** N/A

**HAZARDOUS POLYMERIZATION:** N/A

## SECTION VII - SPILL OR LEAK PROCEDURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Absorb with sand or inert material. Sweep or scoop up and remove. Flush with water.

**DISPOSAL METHODS:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

**VENTILATION:** Use with adequate ventilation

**RESPIRATORY PROTECTION:** Not Required - use normal safety precautions

**PROTECTIVE CLOTHING:** Wear protective clothing, which prevents skin contact.

**EYE PROTECTION:** Not Required - use normal safety precautions.

**OTHER:**

## SECTION IX - SPECIAL PRECAUTIONS/COMMENTS

**Precautions to be taken in handling and storing.** Store in a cool, dry place in closed containers. Avoid breathing dust. Avoid direct or prolonged contact with skin and eyes. Wash hands thoroughly after handling. Do not eat, drink, or smoke in work area. Keep out of reach of children and animals. Read label carefully before use. Avoid contaminating water. Do not reuse containers. Open dumping is prohibited.

## SECTION X - REGULATORY INFORMATION

**Other regulations, restrictions and prohibitions**

**TSCA (Toxic Substances Control Act) Regulations, 40CFR 710:** This material is listed on the Toxic Substances Control Act Inventory.

**Sara 312 Hazards Classification:** Acute and chronic health

**Sara 313 Inventory Ingredients:** Thiophante-methyl (46.2%)

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