SDS #: 221.70 Revision Date: March 24, 2014

WARNING

# SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION (+)-Catechol

Flinn Scientific, Inc. P.O. Box 219, Batavia, IL 60510 (800) 452-1261

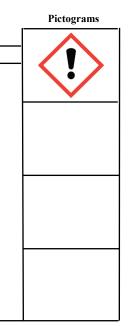
CHEMTREC Emergency Phone Number: (800) 424-9300

Signal Word

# **SECTION 2 — HAZARDS IDENTIFICATION**

Hazard class: Skin and serious eye damage, corrosion or irritation (Category 2, 2A). Causes skin and serious eve irritation (H315+H319).

Hazard class: Specific target organ toxicity, single exposure; Respiratory tract irritation (Category 3). May cause respiratory irritation (H335). Avoid breathing dust or fumes (P261).



# SECTION 3 — COMPOSITION, INFORMATION ON INGREDIENTS

<u>Component Name</u>	CAS Number	Formula	Formula Weight	Concentration
(+)-Catechol	225937-10-0	$C_{15}H_{14}O_6$ ·x $H_2O$	290.27	
Synonyms: (+)-Catechin hydrate; Catechin (flavan) hydrate; (+)-Catechin hydrate; (D)-Catechin hydrate				

## **SECTION 4 — FIRST AID MEASURES**

If exposed or concerned: Get medical advice or attention (P308+P313).

If inhaled: Remove victim to fresh air in a position comfortable for breathing (P304+P340).

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing (P305+P351+P338). If eve irritation persists: Get medical advice or attention (P337+P313).

If on skin: Rinse cautiously with water for several minutes (P351).

If swallowed: Rinse mouth. Call a POISON CENTER or physician if you feel unwell.

# **SECTION 5 — FIRE FIGHTING MEASURES**

Nonflammable solid.

When heated to decomposition, may emit toxic fumes. In case of fire: Use a tri-class dry chemical fire extinguisher.

# SECTION 6 — ACCIDENTAL RELEASE MEASURES

Sweep up the spill, place in a sealed bag or container, and dispose. Ventilate area and wash spill site after material pickup is complete. See Sections 8 and 13 for further information.

None established

NFPA CODE

## SECTION 7 — HANDLING AND STORAGE

Flinn Suggested Chemical Storage Pattern: Organic #8. Store with phenols and cresols. Store away from light and air. Keep container tightly closed (P233). Use only in a hood or well-ventilated area (P271).

## SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

Wear protective gloves, protective clothing, and eye protection (P280). Wash hands thoroughly after handling (P264). Use only in a hood or well-ventilated area (P271).

## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

White to light brown powder. Odorless. Soluble: Hot water and alcohol. Partially in cold water. Melting point: 176 °C (anhydrous)

## SECTION 10 — STABILITY AND REACTIVITY

Avoid contact with strong oxidizers. May decompose on exposure to light and air. Prepare solutions fresh. Shelf life: Fair to poor, light and air sensitive. See Section 7 for further information.

## SECTION 11 — TOXICOLOGICAL INFORMATION

Acute effects: Body tissue irritant. Chronic effects: N.A. Target organs: Eyes, skin, and respiratory tract.

SKN-RBT LD<sub>50</sub>: N.A.

ORL-RAT LD<sub>50</sub>: N.A.

IHL-RAT LC<sub>50</sub>: N.A.

N.A. = Not available, not all health aspects of this substance have been fully investigated.

## SECTION 12 — ECOLOGICAL INFORMATION

Data not yet available.

#### SECTION 13 — DISPOSAL CONSIDERATIONS

Please review all federal, state and local regulations that may apply before proceeding. Flinn Suggested Disposal Method #26a is one option.

#### SECTION 14 — TRANSPORT INFORMATION

Shipping name: Not regulated. Hazard class: N/A. UN number: N/A.

#### N/A = Not applicable

## SECTION 15 — REGULATORY INFORMATION

Not listed.

#### SECTION 16 — OTHER INFORMATION

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Consult your copy of the *Flinn Science Catalog/Reference Manual* for additional information about laboratory chemicals. **Revision Date:** March 24, 2014

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