# FLINN SCIENTIFIC, INC. Safety Data Sheet (SDS)

**SDS #:** 677.00

Revision Date: March 21, 2014

# SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

# Salicylic Acid

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

CHEMTREC Emergency Phone Number: (800) 424-9300

Signal Word

**DANGER** 

Pictograms

# **SECTION 2 — HAZARDS IDENTIFICATION**

Hazard class: Acute toxicity, oral (Category 4). Harmful if swallowed (H302). Do not eat, drink or smoke when using this product (P270).

Hazard class: Skin corrosion or irritation (Category 3). Causes mild skin irritation (H316).

Hazard class: Serious eye damage or irritation (Category 1). Causes serious eye damage (H318).

Hazard class: Specific target organ toxicity, single exposure; respiratory tract irritation (Category 3). May cause respiratory irritation (H335).



SECTION 3 — COMPOSITION, INFORMATION ON INGREDIENTS

Component Name	CAS Number	Formula	Formula Weight	Concentration
Salicylic acid	69-72-7	2-HOC <sub>6</sub> H <sub>4</sub> COOH	138.13	
Synonym: 2-Hydroxybenzoic acid				

# **SECTION 4 — FIRST AID MEASURES**

Call a POISON CENTER or physician if you feel unwell (P312).

If inhaled: Remove victim to fresh air and keep at rest 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). Immediately call a POISON CENTER or physician (P310).

If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice or attention (P332+P313).

If swallowed: Rinse mouth (P330). Call a POISON CENTER or physician if you feel unwell (P301+P312).

# **SECTION 5 — FIRE FIGHTING MEASURES**

Class IIIB combustible solid.	NFPA CODE
Flash point: 157 °C Flammable limits: Lower: 1.1% Autoignition Temperature: 540 °C	H-1
When heated to decomposition, may emit toxic fumes.	F-1
<b>In case of fire:</b> Use a tri-class dry chemical fire extinguisher.	R-0

#### **SECTION 6 — ACCIDENTAL RELEASE MEASURES**

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

Safety Data Sheet Salicylic Acid

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#### **SECTION 7 — HANDLING AND STORAGE**

Flinn Suggested Chemical Storage Pattern: Organic #1. Store with acids, anhydrides and peracids. Moisture and light sensitive. 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 crystalline powder. Odorless.

Soluble: Many organic solvents. Slightly in water.

Boiling point: 211 °C

Melting point: 159 °C

Specific gravity: 1.443

# **SECTION 10 — STABILITY AND REACTIVITY**

Avoid strong oxidizers and strong bases. Shelf life: Indefinite, if stored properly.

#### **SECTION 11 — TOXICOLOGICAL INFORMATION**

Acute effects: Toxic, irritant ORL-RAT  $LD_{50}$ : 891 mg/kg Chronic effects: Possible mutagen IHL-RAT  $LC_{50}$ : > 900 mg/m³/1H Target organs: Central nervous system SKN-RBT  $LD_{50}$ : > 10g/kg

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

# **SECTION 12 — ECOLOGICAL INFORMATION**

Data not yet available.

# <u>SECTION 13 — DISPOSAL CONSIDERATIONS</u>

Please review all federal, state and local regulations that may apply before proceeding. Flinn Suggested Disposal Method #24a 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**

TSCA-listed, EINECS-listed (200-712-3).

#### **SECTION 16 — OTHER INFORMATION**

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Consult your copy of the Flinn Science Catalog/Reference Manual for additional information about laboratory chemicals.

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