

CHAITANYA CHS, 2<sup>nd</sup> FLOOR, OFFICE # 206, SIDDHARTH NAGAR, S.V.ROAD, GOREGAON (W), MUMBAI 400062, MH, INDIA.  
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**MATERIAL SAFETY DATA SHEET (MSDS)****SALICYLDEHYDE AZINE (2-HYDROXYBENZALDEHYDE AZINE)****1. Product Identification**

**Synonyms:**((2-Hydroxyphenyl) Methylene Hydrazone)-2-Hydroxy Benzaldehyde;

Salicylaldehydeazine.

**CAS No.:** 959-36-4

Product Coad: S0177000250

**Molecular Weight:** 240.26

**Chemical Formula:** C<sub>14</sub>H<sub>12</sub>N<sub>2</sub>O<sub>2</sub>

**2. Composition/Information on Ingredients**

Ingredient	CAS No	Percent	Hazardous
SALICYLDEHYDE AZINE	959-36-4	99 - 100%	NO

**3. Hazards Identification****Emergency Overview**

**CAUTION! MAY CAUSE IRRITATION TO SKIN, EYES, AND RESPIRATORY TRACT.**

**SAF-T-DATA<sup>(tm)</sup>** Ratings (Provided here for your convenience) Health Rating: 1 - Slight

Flammability Rating: 1 - Slight

Reactivity Rating: 1 - Slight

Contact Rating: 2 - Moderate

Lab Protective Equip: GOGGLES; LAB COAT; PROPER GLOVES

Eye:May cause eye irritation.

Skin:May cause skin irritation.

Ingestion:May cause irritation of the digestive tract. The toxicological

properties of this substance have not been fully investigated.

Inhalation:May cause respiratory tract irritation. The

toxicological properties of this substance have not been fully investigated.

Chronic:No information found.

**4. First Aid Measures**

Eyes:Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin:Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing

contaminated clothing and shoes. Wash clothing before reuse.

Ingestion:Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

Inhalation:Remove from exposure and move to fresh air immediately. If

not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician:Treat symptomatically and supportively.

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#### **5. Fire Fighting Measures**

General Information:As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media:Use agent most appropriate to extinguish fire. Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Flash Point:Not applicable.

Autoignition Temperature:Not applicable.

Explosion Limits, Lower:Not available.

Upper:Not available.

NFPA Rating:(estimated) Health: 1; Flammability: 0; Instability: 0

#### **6. Accidental Release Measures**

General Information:Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:Vacuum or sweep up material and place into a suitable disposal container. Clean

up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation.

#### **7. Handling and Storage**

Handling:Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly

closed. Avoid ingestion and inhalation.

Storage:Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

#### **8. Exposure Controls/Personal Protection**

Engineering Controls:Facilities storing or utilizing this material should be equipped with an

eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations

low.

Exposure LimitsOSHA Vacated PELs:Salicyladazine: No OSHA Vacated PELs are listed for this chemical.

Personal Protective Equipment

Eyes:Wear appropriate protective eyeglasses or chemical safety goggles as described by

OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin:Wear appropriate protective gloves to prevent skin exposure.

Clothing:Wear appropriate protective clothing to prevent skin exposure.

Respirators:Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European

Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced

**MATERIAL SAFETY DATA SHEET (MSDS)****SALICYLDEHYDE AZINE (2-HYDROXYBENZALDEHYDE AZINE)****9. Physical and Chemical Properties**

Physical State: Powder

Appearance: yellow

Odor: Not available.

pH: Not available.

Vapor Pressure: Not available.

Vapor Density: Not available.

Evaporation Rate: Not available.

Viscosity: Not available.

Boiling Point: Not available.

Freezing/Melting Point: 213-217C

Decomposition Temperature: Not available.

Solubility: Insoluble.

Specific Gravity/Density: Not available.

Molecular Formula: C<sub>14</sub>H<sub>12</sub>N<sub>2</sub>O<sub>2</sub>

Molecular Weight: 240.0962

**10. Stability and Reactivity**

Chemical Stability: Stable at room temperature in closed containers under normal storage and

handling conditions. Conditions to Avoid: Incompatible materials, dust generation, excess heat, strong oxidants.

Incompatibilities with Other Materials: Oxidizing agents. Hazardous Decomposition Products:

Nitrogen oxides, carbon monoxide, irritating and toxic fumes and gases, carbon dioxide.

Hazardous Polymerization: Has not been reported

**11. Toxicological Information**

RTECS#:

CAS# 959-36-4 unlisted.

LD50/LC50: Not available.

Carcinogenicity: CAS# 959-36-4: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Epidemiology: No information found

Teratogenicity: No information found

Reproductive Effects: No information found

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Mutagenicity: No information found

Neurotoxicity: No information found

#### **12. Ecological Information**

**Environmental Fate:** No information found.

**Environmental Toxicity:** No information found.

#### **13. Disposal Considerations**

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed. RCRA U-Series: None listed.

#### **14. Transport Information**

NON HAZARDOUS FOR AIR, ROAD AND SEA TRANSPORT

#### **15. Regulatory Information**

US FEDERAL

TSCA

CAS# 959-36-4 is listed on the TSCA inventory.

Health & Safety Reporting List None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules None of the chemicals in this product are under a Chemical Test Rule. Section 12b None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule None of the chemicals in this material have a SNUR under TSCA.

CERCLA Hazardous Substances and corresponding RQs None of the chemicals in this material have an RQ.

SARA Section 302 Extremely Hazardous Substances None of the chemicals in this product have a TPQ.

Section 313: No chemicals are reportable under Section 313.

Clean Air Act: This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depleters.

This material does not contain any Class 2 Ozone depleters.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

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OSHA:None of the chemicals in this product are considered highly hazardous by OSHA.

STATE

CAS# 959-36-4 is not present on state lists from CA, PA, MN, MA, FL, or NJ.

European Labeling in Accordance with EC Directives

Hazard Symbols:Not available. Risk Phrases:Safety Phrases:

S 37 Wear suitable gloves.

S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). S 28A After contact with skin, wash immediately with plenty of water

WGK (Water Danger/Protection)CAS# 959-36-4: No information available.

Canada - DSL/NDSL

CAS# 959-36-4 is listed on Canada's DSL List.

Canada - WHMISnot available. This product has been classified in

accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.  
Canadian Ingredient Disclosure List

**16. Other Information**

**Product Use:** Laboratory Reagent.

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008

**DISCLAIMER:**

- **SUVCHEM** Products are to be used as Lab Chemicals for R&D only. Not for drug, medicinal, household or other uses.
- **SUVCHEM** shall not be responsible for any damage resulting from handling or from contact with the above product.
- **SUVCHEM** provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product.

**End of document**