

# Syntor Fine Chemicals Ltd

## Material Safety Data Sheet

### 1. IDENTIFICATION OF THE SUBSTANCE PREPARATION AND COMPANY

<b>Product name:</b>	<b>5-(N,N-Dibenzyl glycy) salicylamide</b>	
<b>Uses:</b>	Chemical intermediate	
<b>Synonyms:</b>	5-[[Bis(benzyl)amino]acetyl]salicylamide	
<b>Supplier:</b>	Syntor Fine Chemicals Ltd 11 Boleyn Court Manor Park Runcorn WA7 1SR	Emergency Telephone: +44 (0) 7720 149 777 Fax: +44 (0) 1928 579 734 Email: mr@Syntor.co.uk www.syntor.co.uk

### 2. HAZARDS IDENTIFICATION

**Classification of substances according to 67/548/EEC:** Not classified

**Classification of substance according to CLP, 1272/2008/EC:** Not classified

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Ingredient name:</b>	5-(N,N-Dibenzyl glycy) salicylamide ~ 99%
<b>Formula:</b>	C23H22N2O3
<b>CAS No:</b>	30566-92-8
<b>EC No:</b>	250-244-9

### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Remove to fresh air. If breathing is difficult give oxygen. If symptoms persist seek medical advice.
<b>Ingestion:</b>	Do not induce vomiting. Rinse out the mouth with water provided person is conscious. Seek medical advice.
<b>Eye contact:</b>	Immediately flush eyes with plenty of clean water for an extended time, not less than 15 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers and roll eyes in a circular motion
<b>Skin contact:</b>	If symptoms persist seek medical advice. Immediately flush affected areas with large quantities of water. Remove contaminated clothing.

### 5. FIRE-FIGHTING MEASURES

<b>Suitable extinguishing agents:</b>	Use carbon dioxide, extinguishing powder or water jet. Fight larger fires with water jet or alcohol resistant foam.
<b>Special hazards caused by the material, its products of combustion or flue gases:</b>	Can be released in case of fire: Carbon monoxide, carbon dioxide, Nitrous oxides
<b>Protective equipment:</b>	Wear self-contained breathing apparatus. Wear full protective suit.
<b>Other:</b>	Product is not considered a fire hazard, but will burn if ignited

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Wear protective clothing. Ensure adequate ventilation. Keep unprotected personnel away. Avoid dust formation. Vacuum or sweep up material. Keep in a tightly closed container until disposal. Dispose of spilt material as special waste
<b>Environmental precautions:</b>	Try to stop release if safe to do so. Do not flush liquid into public sewer, water systems or surface water

### 7. HANDLING AND STORAGE

<b>Handling Information for safe handling:</b>	Keep containers tightly sealed. Store in cool, dry place in tightly closed containers. Ensure good ventilation/exhaustion at the workplace. Keep ignition sources away - Do not smoke.
<b>Storage Further information about storage conditions:</b>	Store away from strong oxidising agents, acids, acid chlorides Keep container tightly sealed. Store in cool, dry conditions in well sealed containers.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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**Additional information about design of technical systems:**

Properly operating chemical fume hood designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute.

**Components with critical values that require monitoring at the workplace:**

No data

**General protective measures:**

The usual precautionary measures should be adhered to in handling the chemicals. Keep away from foodstuffs, beverages and food. Instantly remove any soiled and impregnated garments. Wash hands during breaks and at the end of the work. Store protective clothing separately. Avoid contact with the eyes and skin.

**Personal protective equipment:**

**Breathing equipment:**

Use breathing protection with high concentrations.

**Protection of hands:**

Check protective gloves prior to each use for their proper condition.

**Material of gloves:**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

**Eye protection:**

Safety glasses

Face protection

**Body protection:**

Protective work clothing.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Appearance:**

Powder

**Colour:**

Cream / light beige

**Melting point:**

168°C

**PH:**

Slightly alkaline

**Solubility in water:**

Insoluble

**Solubility (organic solvents):**

Methanol, ethanol, toluene

**Molecular Wt:**

374.44

**Density:**

1.249g/cm<sup>3</sup>

**Flash point:**

298.7 °C

**Boiling point:**

570.3 °C at 760 mmHg

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## 10. STABILITY AND REACTIVITY

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**Thermal decomposition / conditions to be avoided:**

No decomposition if used and stored according to specifications.

**Materials to be avoided:**

Strong oxidizing agents, acid, acid chlorides

**Dangerous reactions:**

No dangerous reactions known

**Dangerous products of decomposition:**

Carbon monoxide and carbon dioxide, Nitrous oxides

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## 11. TOXICOLOGICAL INFORMATION

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**Acute toxicity**

**Primary irritant effect:**

**on the skin:**

May be irritating for skin and mucous membrane

**on the eye:**

May be Irritating

**Sensitization:**

No sensitising effect known.

**Additional toxicological information:**

To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.

No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH.

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## 12. ECOLOGICAL INFORMATION

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**General:**

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage systems. Do not allow material to be released to the environment without proper governmental permits.

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## 13. DISPOSAL CONSIDERATIONS

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**Substance disposal:**

Arrange disposal as special waste, by licensed disposal company, in consultation with local Waste Disposal Authority, in accordance with national and regional regulations. Dispose of contaminated packaging as special waste

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## 14. TRANSPORT INFORMATION

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**Land transport ADR/RID e GGVS/GGVE (cross-border/domestic)**

**ADR/RID-GGVS/E Class:**

None hazardous for transport

**Maritime transport IMDG/GGVSea:**

**IMDG/GGVSea Class:**

None hazardous for transport

**Air transport ICAO-TI and IATA-DGR:**  
**ICAO/IATA Class:** None hazardous for transport

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**15. REGULATORY INFORMATION**

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**Designation according to EC guidelines:**

**Code letter and hazard designation of product:** Not classified

**Risk phrases:** Non

**Safety phrases:** S24/25 Avoid contact with skin and eyes

**Information about limitation of use:** For use only by technically qualified individuals

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**16. OTHER INFORMATION**

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The above Information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Syntor Fine Chemicals Ltd, shall not be held liable for any damage resulting from handling or from contact with the above product.

Disclaimer: For R&D use only. Not for drug, household or other uses.

We welcome any additional information about our products that customers have obtained by personal experience.



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