
SAFETY DATA SHEET

1 Identification of the substance or preparation and of the company/undertaking

Product Name: **Nicotine Salicylate**
Datasheet Number: Nicotine Salicylate 27022008 2. 1. 0
Use of the substance/preparation: Active ingredient used in antismoking therapy products such as lozenges, aerosols or disintegrable oral films.



Very Toxic Dangerous for the Environment

Name of Supplier: Nicobrand Ltd
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UK

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Responsible Person:
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Emergency Telephone: +44 (0) 1865 407 333

2 Hazards identification

- Contact with eyes: Causes irritation
- Contact with skin: Very toxic in contact with skin (R27), Can be absorbed through skin, Causes irritation
- Inhalation: Very toxic by inhalation (R26), Causes irritation, May cause nausea/vomiting, May cause dizziness, confusion, headache or stupor, Causes cyanosis
- Ingestion: Very toxic if swallowed (R28), Causes gastro-intestinal disturbances, Causes nausea/vomiting, Causes diarrhoea, Causes cyanosis
- Teratological Effects: Possible Teratogen
- Can form methaemoglobin in the blood, causing cyanosis

3 Composition/information on ingredients

Chemical Name	Concentration	CAS Number	EC Number	R Phrases*	Symbols
Nicotine Salicylate	100%	29790-52-1		R26/27/28-51/53	T+, N

*See Section 16

4 First aid measures

Contact with skin

- Seek immediate medical attention
- Remove contaminated clothing
- After contact with skin, wash immediately with plenty of water (S28)

4 First aid measures (....)

Contact with eyes

- Seek immediate medical attention
- If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
- Irrigate eyes thoroughly whilst lifting eyelids

Ingestion

- Seek immediate medical attention
- Rinse mouth with water (do not swallow)
- Never give anything by mouth to an unconscious person

Inhalation

- Seek immediate medical attention
- Remove patient to fresh air
- If breathing is difficult, oxygen should be given by a trained person
- Apply artificial respiration only if patient is not breathing

Notes to Physicians

- Early symptoms of overdose may include nausea, vomiting, increased salivation, watery eyes, abdominal pain, diarrhoea, cold sweat, headache, dizziness, disturbed hearing and vision, agitation, high blood pressure, confusion and weakness. Late symptoms of overdose include fainting, drop in blood pressure, difficult breathing, weak, rapid or irregular pulse, lethargy, convulsions and coma. Death may occur from paralysis of respiratory muscles. Treatment should be symptomatic and supportive, in particular the respiratory system and cardiovascular systems. Ventilation & inotropic support may be necessary in the short term until the nicotine is absorbed. Nicotine is usually metabolised 1-2 hours. Gastric lavage if ingestion <4 hours. If > 4 hours, use cathartic, e.g. Magnesium Sulphate. Diazepam to control convulsions.

5 Fire-fighting measures

- Substance evolves toxic fumes, wear self-contained breathing apparatus
 - In case of fire use water spray, carbon dioxide or dry agent (S43)
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6 Accidental release measures

Personal Precautions

- Evacuate the area

Environmental Precautions

- Do not allow to enter public sewers and watercourses
- If contamination of drainage systems or water courses is unavoidable, immediately inform appropriate authorities
- Use appropriate containment to avoid environmental contamination (S57)

Clean Up Actions

- Sweep or shovel-up spillage and remove to a safe place
 - Place in sealable container
 - Ventilate the area and wash spill site after material pick-up is complete
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7 Handling and storage

Handling

- When using do not eat, drink or smoke (S20/21)
 - Keep away from food, drink and animal feedingstuffs (S13)
 - Ensure adequate ventilation
 - Avoid contact with skin and eyes (S24/25)
 - Wash hands thoroughly after using this substance
 - Do not breathe dust (S22)
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7 Handling and storage (....)

Storage

- Keep in a cool, dry, well ventilated place
 - Protect from heat
 - Protect from frost
 - Keep locked up and out of reach of children (S1/2)
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8 Exposure controls and personal protection

Exposure Limits

- There are no recommended or established controls for this product

Exposure controls

- Engineering controls should be provided which maintain airborne concentrations as low as practicable

Occupational exposure controls

- Ensure adequate ventilation
 - Wear goggles giving complete eye protection
 - Wear apron or other light protective clothing
 - Wear neoprene or nitrile gloves
 - Wear suitable respiratory protection
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9 Physical and chemical properties

- Odour: No information available
 - Appearance: Solid, white, powder
 - Melting point 110 °C
 - Specific gravity 1.01 g/cm³
-

10 Stability and reactivity

- Stable
 - Avoid contact with oxidising substances, Avoid contact with moisture
 - Decomposition products may include nitrogen and carbon oxides
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11 Toxicological information

Toxicological information

- May disturb the eyes, skin and mucous membranes
- May disturb the respiration
- Causes cyanosis
- May cause nausea/vomiting
- May cause diarrhoea
- May cause gastro-intestinal disturbances
- May cause headache
- In cases of severe exposure, systemic effects may develop
- Can be absorbed through skin

Teratogenicity

- Possible Teratogen
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12 Ecological information

Ecotoxicity

- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment (R51/53)

Mobility

- No information available

Persistence and Biodegradability

- No information available

Bioaccumulation Potential

- No information available

13 Disposal considerations

Disposal considerations

- Disposal should be in accordance with local, state or national legislation
- Mix with a suitable solvent and incinerate at a licensed facility

14 Transport information



Toxic

Proper Shipping Name: Nicotine Salicylate

UN

Proper Shipping Name:	Nicotine Salicylate	UN No.:	1657
Hazard Class:	6.1	Packing Group:	II

Road/Rail (ADR/RID)

Proper Shipping Name:	Nicotine Salicylate	ADR UN No.:	1657
ADR Hazard Class:	6.1	ADR Classification Code:	
ADR Packing Group:			

Sea (IMDG)

Proper Shipping Name:	Nicotine Salicylate	IMDG UN No.:	1657
IMDG Hazard Class.:	6.1	IMDG Pack Group.:	II
IMDG EmS:	F-A, S-A		

Air (ICAO/IATA)

Proper Shipping Name:	Nicotine Salicylate	ICAO Un No.:	1657
ICAO Hazard Class.:	6.1	ICAO Packing Group.:	II

15 Regulatory information

Classification and labelling

- Caution: Substance not yet fully tested
- This Safety Data Sheet does not constitute a workplace risk assessment



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Applicable Laws

- Refer to current COSHH Regulations
- Refer to current EC Directive 1907/2006 (REACH)
- Refer to current Health and Safety at Work Act
- Refer to current Management of Health and Safety Regulations

Risk Phrases

- Very toxic by inhalation, in contact with skin and if swallowed (R26/27/28)
- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment (R51/53)

Safety Phrases

- Keep locked up and out of reach of children (S1/2)
- Keep away from food, drink and animal feedingstuffs (S13)
- After contact with skin, wash immediately with plenty of water (S28)
- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)
- Avoid release to the environment. Refer to special instructions/Safety data sheets (S61)

16 Other information

Text of R and S phrase codes used in this safety data sheet:- R26/27/28: Very toxic by inhalation, in contact with skin and if swallowed; R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties