
SAFETY DATA SHEET

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

Product Name: **Nicotine Polacrilex**
Datasheet Number: Nicotine Polacrilex 27022008 2.4.0
Use of the substance/preparation: Active ingredient used in antismoking therapy products such as nicotine chewing gum.



Very Toxic Dangerous for the Environment

Name of Supplier: Nicobrand Ltd
Address of Supplier: 189 Castleroe Road
Coleraine
N Ireland
BT51 3RP
UK

Telephone: +44 (0) 2870 868 733
Fax: +44 (0) 2870 868 735
Responsible Person:
Email: safetydatasheets@nicobrand.com
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), May cause irritation
 - Inhalation: Can cause damage to the mucous membranes, Causes dizziness
 - Ingestion: Toxic if swallowed (R25), May cause nausea/vomiting, May cause diarrhoea, May cause gastro-intestinal disturbances
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3 Composition/information on ingredients

Chemical Name	Concentration	CAS Number	EC Number	R Phrases*	Symbols
Nicotine	10-30%	54-11-5	200-193-3	R25-27-51/53	T+, N
Glycerine	0-50%	56-81-5	200-289-5		

*See Section 16

4 First aid measures

Contact with skin

- Seek immediate medical attention
- Remove contaminated clothing immediately and drench affected skin with plenty of water

Contact with eyes

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

4 First aid measures (....)

Ingestion

- Seek immediate medical attention
- Do not induce vomiting
- Rinse mouth with water (do not swallow)

Inhalation

- Seek immediate medical attention
- Remove patient to fresh air
- Keep warm and at rest

General

- Seek immediate medical attention

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

- In case of fire use water, carbon dioxide or dry agent (S43)
 - May form explosive dust/air mixtures
 - Substance evolves toxic fumes, wear self-contained breathing apparatus
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6 Accidental release measures

Personal Precautions

- Avoid raising dust

Environmental Precautions

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

Clean Up Actions

- Avoid raising dust
 - Sweep or shovel-up spillage and remove to a safe place
 - Place in appropriate container for disposal
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7 Handling and storage

Handling

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

Storage

- Keep in a cool, dry, well ventilated place
 - Keep away from alkalis (strong bases) (S14)
 - Keep away from oxidising substances (S14)
 - 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

Nicotine

- WEL (long term) 0.5 mg/m³
- WEL (short term) 1.5 mg/m³

Glycerine

- WEL (long term) 10 mg/m³

Exposure controls

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

Occupational exposure controls

- Wear apron or other light protective clothing
 - Wear plastic or rubber gloves
 - Wear goggles giving complete eye protection
 - Wear suitable respiratory protection
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9 Physical and chemical properties

- Odour: No information available
 - Appearance: Solid, powder, off-white
 - Insoluble in water
 - Density 1.01 g/cm³ at 20 deg C
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10 Stability and reactivity

- Stable
 - Avoid overheating
 - Incompatible with alkalis (strong bases), Incompatible with oxidizing substances
 - Decomposition products may include acrylic monomers, Decomposition products may include toxic and irritant fumes, Decomposition products may include nitrogen and carbon oxides
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11 Toxicological information

Toxicological information

- May cause nausea/vomiting
- May cause dizziness
- May cause diarrhoea

Teratogenicity

- May cause birth defects (R47)
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12 Ecological information

Ecotoxicity

- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment (R51/53)
- Dangerous to game, wild birds and animals.

Mobility

- Insoluble in water

13 Disposal considerations

Classification

- Do not discharge into drains or the environment, dispose to an authorised waste collection point
- Disposal should be in accordance with local, state or national legislation

Disposal considerations

- Incinerate under controlled conditions, using incinerator suitable for the disposal of noxious chemical waste

14 Transport information



Toxic

Proper Shipping Name: Nicotine Preparation, Solid, N.O.S.

UN

Proper Shipping Name:	Nicotine Preparation, Solid, N.O.S.		
UN No.:	1655		
Hazard Class:	6.1	Packing Group:	III

Road/Rail (ADR/RID)

Proper Shipping Name:	Nicotine Preparation, Solid, N.O.S.		
ADR UN No.:	1655		
ADR Hazard Class:	6.1	ADR Classification Code:	
ADR Packing Group:	III		

Sea (IMDG)

Proper Shipping Name:	Nicotine Preparation, Solid, N.O.S.		
IMDG UN No.:	1655		
IMDG Hazard Class.:		IMDG Pack Group.:	III
IMDG EmS:	F-A, S-A		

Air (ICAO/IATA)

Proper Shipping Name:	Nicotine Preparation, Solid, N.O.S.		
ICAO Un No.:	1655		
ICAO Hazard Class.:	6.1	ICAO Packing Group.:	III

15 Regulatory information

Classification and labelling

- This Safety Data Sheet does not constitute a workplace risk assessment



Very Toxic Dangerous for the Environment

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

- Toxic if swallowed (R25)
- Very toxic in contact with skin (R27)
- 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)
- Wear suitable protective clothing and gloves (S36/37)
- 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:- R25: Toxic if swallowed; R27: Very toxic in contact with skin; R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

This Safety Data Sheet does not constitute a workplace risk assessment

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

The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents