

Material Safety Data Sheet

Section1. Product Information and Company Identification			
Product name	Sodium Salicylate		
Mol.formula	C ₇ H ₅ NaO ₃	CAS NO	54-21-7
Mol.wt	160.1g/mol		
Manufacture name	Pioneers for laboratory chemicals		
Brand name	Piochem		
Address	Area 540, Industrial Zone 6th October city Giza, Egypt.		
Website	www.piochem.com		
E-mail	info@piochem.com		
Phone number	+201225728304 , +201023932115		


SECTION 2: Hazards identification 2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008

Acute toxicity, Oral (Category 4), H302

Eye irritation (Category 2), H319

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 Label elements Labelling according Regulation (EC) No 1272/2008

Pictogram	
Signal word	Warning
Hazard statement(s)	
H302	Harmful if swallowed.
H319	Causes serious eye irritation.
Precautionary statement(s)	
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Supplemental Hazard Statements	none

2.3 Other hazards - none

SECTION 3: Composition/information on ingredients 3.1 Substances

Synonyms	: Salicylic acid sodium salt 2-Hydroxybenzoic acid sodium salt
Formula	: C ₇ H ₅ NaO ₃
Molecular weight CAS-No.	: 160.10 g/mol 54-21-7

EC-No. : 200-198-0

Hazardous ingredients according to Regulation (EC) No 1272/2008

Component	Classification	Concentration
Sodium salicylate		
CAS-No. 54-21-7 Acute Tox. 4; Eye Irrit. 2; H319	<= 100 % EC-No.	200-198-0 H302,

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures 4.1 Description of first aid measures General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media Suitable

extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Carbon oxides, Sodium oxides **5.3 Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

No data available

SECTION 6: Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Avoid breathing dust. For personal protection see section 8.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols.
Provide appropriate exhaust ventilation at places where dust is formed.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
Storage class (TRGS 510): Combustible Solids

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure controls/personal protection 8.1 **controls Appropriate engineering controls**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Control parameters 8.2

Exposure

Personal protective equipment Eye/face protection

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle r (US) or type ABEKP2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Do not let product enter drains.

SECTION 9: Physical and chemical properties 9.1 **properties**

Information on basic physical and chemical

- | | |
|---|--------------------------------------|
| a) Appearance | Form: solid |
| b) Odour | No data available |
| c) Odour Threshold | No data available |
| d) pH | 6.5 |
| e) Melting point/freezing point | Melting point/range: > 300 °C - lit. |
| f) Initial boiling point and boiling range | No data available |
| g) Flash point | No data available |
| h) Evaporation rate | No data available |
| i) Flammability(solid, gas) | No data available |
| j) Upper/lower flammability or explosive limits | No data available |
| k) Vapour pressure | No data available |
| l) Vapour density | No data available |
| m) Relative density | 0.35 g/cm ³ at 20 °C |

n) Water solubility	No data available
o) Partition coefficient: noctanol/water	No data available
p) Auto-ignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	No data available

9.2 Other safety information No data available

SECTION 10: Stability and reactivity **10.1 Reactivity** No data available **10.2 Chemical stability**
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions No data available **10.4 Conditions to avoid** No data available **10.5 Incompatible materials**
Strong oxidizing agents, Strong acids

10.6 Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, Sodium oxides
Other decomposition products - No data available
In the event of fire: see section 5

SECTION 11: Toxicological information **11.1 Information on toxicological effects** **Acute toxicity**

LD50 Oral - Rat - 930 mg/kg(Sodium salicylate)
LD50 Oral - Mouse - 540 mg/kg(Sodium salicylate)
LD50 Oral - Rabbit - 1,700 mg/kg(Sodium salicylate)
LD50 Intraperitoneal - Rat - 542 mg/kg(Sodium salicylate)
LD50 Intramuscular - Mouse - 760 mg/kg(Sodium salicylate)
LD50 Intraperitoneal - Mouse - 500 mg/kg(Sodium salicylate)
LD50 Intravenous - Mouse - 500 mg/kg(Sodium salicylate)
LD50 Subcutaneous - Mouse - 550 mg/kg(Sodium salicylate)
LD50 Intravenous - Rabbit - 415 mg/kg(Sodium salicylate)
LD50 Intravenous - Dog - 562 mg/kg(Sodium salicylate)

Skin corrosion/irritation

No data available(Sodium salicylate)

Serious eye damage/eye irritation

Eyes - Rabbit(Sodium salicylate)

Result: Eye irritation

Respiratory or skin sensitisation

No data available(Sodium salicylate)

Germ cell mutagenicity

No data available(Sodium salicylate)

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

No data available(Sodium salicylate)

Specific target organ toxicity - single exposure

No data available(Sodium salicylate)

Specific target organ toxicity - repeated exposure

No data available

Aspiration hazard

No data available(Sodium salicylate)

Additional Information

RTECS: VO5075000

Salicylic acid and other salicylates are transferred into breast milk. An salicylates by neonates may result in drug accumulation and toxic effects concerns, the WHO Working Group on Human Lactation classified the salicyl(Sodium salicylate)

SECTION 12: Ecological information 12.1 Toxicity

Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 1,370 mg/l - 96 h(Sodium salicylate)

12.2 Persistence and degradability

No data available

12.3 Bioaccumulativepotential

No data available

12.4 Mobility in soil

No data available(Sodium salicylate)

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects

No data available

SECTION 13: Disposal considerations 13.1 Waste treatment methods Product

Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chem scrubber.

Contaminated packaging

Dispose of as unused product.

SECTION 14: Transport information 14.1 UN number

ADR/RID: - IMDG: - IATA: -

14.2 UN proper shipping name

ADR/RID: Not dangerous
goods IMDG: Not dangerous
goods
IATA: Not dangerous goods

14.3 Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

14.4 Packaging group

ADR/RID: - IMDG: - IATA: -

14.5 Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

14.6 Special precautions for user

No data available

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislationspecific for the substance or mixture This safetydatasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out

SECTION 16: Other information

Full text of H-Statements referred to under sections 2 and 3.

H302	Harmful if swallowed.
H319	Causes serious eye irritation.