

Section 1. Identification

- 1.1 Product Identifier** PH4600
- Product Name PHENYL SALICYLATE pure 100g.
- CAS Number 118-55-8
- REACH Registration No A registration number is not available as the substance or its uses are exempt, the annual tonnage does not require a registration or the registration is envisaged for a later date.
- Molecular Formula $C_9H_8(OH)COOC_6H_5 = 214.22$
- 1.2 Relevant identified uses of the substance or mixture & uses advised against**
- Uses of Material Chemical for industrial and laboratory use. Not suitable for domestic use.
- 1.3 Supplier** WF Education Group
-  Phoenix House
Battlefield Enterprise Park
Stafford Drive
Shrewsbury
Shropshire
SY1 3FE
UNITED KINGDOM
- Phone +44(0)1743 812200
Email sales@wf-education.com
Website www.timstar.co.uk
- 1.4 Emergency Telephone** (08:30-17:00) +44(0)1743 812200
(24hr) 112
(Have this document to hand)

Section 2. Hazards Identification

2.1 Classification of the substance or mixture

Classification according to regulation 1272/2008/EC

Skin corrosion/irritation, category 2

Skin sensitization, category 1

Reproductive toxicity, category 2

Hazard to aquatic environment, category 2

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H361: Suspected of damaging fertility or the unborn child.

H411: Toxic to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to regulation 1272/2008/EC

Signal word Warning

Hazard Pictograms



Hazard Statements	Causes skin irritation. May cause an allergic skin reaction. Suspected of damaging fertility or the unborn child. Toxic to aquatic life with long lasting effects.
Precautionary Statements	Wash thoroughly after handling. Wear protective gloves / protective clothing / eye protection. Do not breathe fumes. Use only outdoors or in a well-ventilated area. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention.

Section 3. Composition

3.1 Substances

Component	CAS No.	EEC No.	REACH No.	Conc w/w	CLP Classification (1272/2008/CE)
Phenyl Salicylate	118-55-8	204-259-2		>98%	Skin Irrit. 2, Skin Sens. 1, Repr. 2, Aquatic Chronic 2

Section 4. First Aid

4.1 Description of first aid measures

Eyes	Irrigate thoroughly with plenty of water for at least 10 minutes, holding the eye open. OBTAIN MEDICAL ATTENTION URGENTLY.
Skin	Thoroughly wash off skin with soap and water. Remove contaminated clothing immediately and wash before re-use. OBTAIN MEDICAL ATTENTION.
Inhalation	Remove from exposure. Keep warm and at rest. If there is difficulty in breathing give oxygen if available. If breathing stops or shows signs of failing, apply artificial resuscitation. If unconscious place in the recovery position. OBTAIN MEDICAL ATTENTION URGENTLY.
Ingestion	If conscious give plenty of water to drink. Keep warm and at rest. If there is difficulty in breathing give oxygen if available. If breathing stops or shows signs of failing, apply artificial resuscitation. If unconscious place in the recovery position. OBTAIN MEDICAL ATTENTION URGENTLY.
Personal protection for first aiders	Wear protective gloves / eye protection.

4.2 Most important symptoms and effects, both acute & delayed.

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed.

No further relevant information available.

Section 5. Fire Fighting

5.1 Extinguishing media

Extinguishing Media	Water spray, foam, dry powder or carbon dioxide.
Unsuitable Media	Nothing specified.

5.2 Special hazards arising from the substance or mixture

Hazards	Emits toxic fumes under fire conditions.
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5.3 Advice for firefighters

Advice for firefighters	Consider all other materials in the vicinity.
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Section 6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Protection	Avoid breathing dust-wear respiratory protective equipment. Wear goggles, respirator, rubber boots and heavy rubber gloves.
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6.2 Environmental precautions

Environmental	In case of major spillage contact a chemically trained supervisor or manager who will decide Notify the Environmental Agency and local Environmental Health Officer if major spillage occurs.
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6.3 Methods and material for containment and cleaning up

Major Spillage	Sweep up, place in a bag and hold for waste disposal. Ventilate area and wash spill site after material pickup is complete.
Minor Spillage	Contain and absorb on inert material. Allow solvent to evaporate in remote area, then dispose of absorbent as solid chemical waste. Wash area down with detergent and copious amounts of water.

6.4 Reference to other sections

See section 8.2 for information on protective equipment and section 13 for information on disposal.

Section 7. Storage & Handling

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Do not breath vapours. Do not allow to contaminate clothing.

Ensure Local Exhaust Ventilation maintains vapour concentrations below the recommended limits.

7.2 Conditions for safe storage, including any incompatibilities

Well ventilated, cool, dry storage .

7.3 Specific end use(s)

See section 1.2.

Section 8. Workplace Exposure & Personal Protection

8.1 Control parameters

Component	CAS No	Concentration	Workplace Exposure Limits	
			Long Term (8hr TWA)	Short Term 15min period
Phenyl Salicylate	118-55-8	>98%	-	-

Exposure data source(s) No occupational exposure data currently available.

8.2 Exposure controls

Respiratory Protection	Wear NIOSH/MSHA-approved respirator.
Hand Protection	Wear gloves.
Eye Protection	Use tightly fitting chemical splash proof glasses or goggles.
Skin Protection	Avoid contact with skin. If skin contact or contamination of clothing is likely, protective clothing must be worn.
Special Hazards	No special precautions required.

Section 9. Physical & Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance	White crystalline solid.
Odour	No specific odour.
pH	Not applicable
Boiling Point	175°C
Melting Point	42°C
Flash Point	Not applicable
Upper Flammable Limit	99.9%
Lower Flammable Limit	99.9%
Auto Ignition	Not applicable
Explosive Properties	No.
Oxidising Properties	Not specified.
Vapour Pressure	Not applicable
Relative Density	1.0900
Water Solubility	Insoluble in water.

9.2 Other information

No data available.

Section 10. Stability & Reactivity

10.1	Reactivity	No data available.
10.2	Chemical Stability	Not specified.
10.3	Possibility of hazardous reactions	No data available.
10.4	Conditions to Avoid	Exposure to light.
10.5	Incompatible Materials	Strong oxidising agents.
10.6	Hazardous Decomposition Products	In combustion emits carbon dioxide & carbon monoxide.

Section 11. Toxicological Information

11.1 Information on toxicological effects

Eyes	The dust is irritating to the eyes.
Skin	Causes skin irritation. May cause an allergic skin reaction.
LD50 Skin	Not available
Ingestion	May be harmful by ingestion.
LD50 Oral	3000mg/kg Rat
Inhalation	The powder may seriously damage the membranes lining the nose, throat and upper respiratory tract.
LD50 Inhalation	Not available
TCLo	Not available
Carcinogenicity	Not considered to be a carcinogen.
Mutagenicity	Not considered to be a mutagen.
Reproductive Effects	Teratogen category 1. Suspected of damaging fertility or the unborn child.

Section 12. Ecological

12.1	Toxicity	Not specified.
	LC50 Algal	Not available
	LC50 Crustacea	Not available
	LC50 Fish	1.09 mg/L Fathead minnow (<i>Pimephales promelas</i>)
12.2	Persistence and degradability	No data available.
12.3	Bioaccumulative potential	No data available.
12.4	Mobility in soil	No data available.
12.5	Results of PBT & vPvB assessment	Assessment not required.
12.6	Other adverse effects	None known at present.

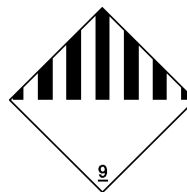
Section 13. Disposal Considerations

13.1 Waste treatment methods

Disposal Methods	Dissolve or mix the material with a combustible solvent. Burn in a chemical incinerator equipped with afterburners and scrubbers.
Contaminated Packaging	Dissolve or mix the material with a combustible solvent. Burn in a chemical incinerator equipped with afterburners and scrubbers.

Section 14. Transport Information

14.1 UN Number	3077
14.2 Proper Shipping Name	Environmentally hazardous substance, solid, N.O.S. (Phenyl Salicylate)
14.3 Transport classes	
UN classification	9
Subsidiary hazard(s)	None
Transport category	3
ADR Hazard ID	90
Tunnel Restriction Code	E
14.4 Packing Group	III
14.5 Environment hazards	Marine pollutant.
14.6 Special precautions for user	No special precautions required.
14.7 Transport in bulk	Not transported in bulk.



Section 15. Regulatory Information

15.1 Safety, health and environment regulations specific for substance/mixture.

Classification, Labeling & Packaging of Substances & Mixtures Regulations (1272/2008/CE)

Classification Skin corrosion/irritation, category 2; Skin sensitization, category 1; Reproductive toxicity, category 2; Hazard to aquatic environment, category 2

Signal word Warning

Hazard Pictograms



Hazard Statements H315, H317, H361, H411
Causes skin irritation. May cause an allergic skin reaction. Suspected of damaging fertility or the unborn child. Toxic to aquatic life with long lasting effects.

Precautionary Statements P264, P280, P260, P271, P332+P313, P337+P313
Wash thoroughly after handling. Wear protective gloves / protective clothing / eye protection. Do not breathe fumes. Use only outdoors or in a well-ventilated area. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention.

15.2 Chemical safety assessment

Assessment not required.

Section 16. Other Information

The information contained in this document only covers the hazards presented by this material, it DOES NOT constitute a workplace risk assessment. See sections 11 for toxicological information and section 12 for ecological information.

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