

SPECIFICATION

Spec No.:	3341	Product Name:	Salicylic Acid 99% Min.
CAS No.:	69-72-7	Date:	29.04.22
INCI Name:	Acidum Salicylicum	Version:	1

PARAMETER	SPECIFICATION
Assay (As C ₆ H ₄ CO ₂ HOH):	99% min.
Appearance:	White to slightly off white powder or needles
Melting Point:	157 – 161°C


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ACCORDING TO EC-REGULATIONS 1907/2006, 1272/2008, 453/2010 & 830/2015

1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier	GHS Product Identifier	Salicylic Acid
	Chemical Name	2-Hydroxybenzoic Acid
	CAS No.	69-72-7
	EC No.	200-712-3
	Pre-Registration No.	05-2117600317-54-XXXX
1.2 Relevant identified uses of the substance or mixture and uses advised against	Identified use(s)	Chemical Intermediate. Cosmetics. Pharmaceutical preparations. Chemical manufacturing.
	Uses advised against	Other than uses listed.
1.3 Details of the supplier of the Safety Data Sheet	Company Identification	Madar Corporation Limited
	Address	19 - 20 Sandleheath Industrial Estate Fordingbridge SP6 1PA
	Country	United Kingdom
	Telephone	+44 (0) 1425 655 555
	E-Mail (competent person)	technical@madarcorporation.co.uk
1.4 Emergency telephone number	Emergency Phone No.	+44 (0) 425655555 (9am – 5pm GMT)

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture																					
2.1.1 Regulation (EC) No. 1272/2008 (CLP)	<table border="0"> <tr> <td>Physical hazards</td> <td>:</td> <td>Not classified.</td> <td></td> </tr> <tr> <td>Health hazards</td> <td>:</td> <td>Acute Tox. 4</td> <td>H302</td> </tr> <tr> <td></td> <td></td> <td>Eye Dam. 1</td> <td>H318</td> </tr> <tr> <td></td> <td></td> <td>Repr. 2</td> <td>H361d</td> </tr> <tr> <td>Environmental hazards</td> <td>:</td> <td>Not classified.</td> <td></td> </tr> </table>	Physical hazards	:	Not classified.		Health hazards	:	Acute Tox. 4	H302			Eye Dam. 1	H318			Repr. 2	H361d	Environmental hazards	:	Not classified.	
Physical hazards	:	Not classified.																			
Health hazards	:	Acute Tox. 4	H302																		
		Eye Dam. 1	H318																		
		Repr. 2	H361d																		
Environmental hazards	:	Not classified.																			
2.2 Label Elements																					
2.2.1 Label Elements	According to Regulation (EC) No. 1272/2008 (CLP)																				
	GHS Product Identifier	Salicylic Acid																			
	Hazard Pictogram																				
	Signal word(s)	Danger																			
	Hazard Statement(s)	H302 - Harmful if swallowed.																			

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H318 - Causes serious eye damage.
H361d - Suspected of damaging the unborn child.

Precautionary Statement(s)

P202 - Do not handle until all safety precautions have been read and understood.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312 - IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 - IF exposed or concerned: Get medical advice/attention.
P405 - Store locked up.

2.3 Other Hazards

No data available.

2.4 Additional Information

No additional information available.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

EC Classification No.1272/2008

Hazardous Ingredients	%W/W	EC No.	CAS No.	Hazard Statements and Hazard Pictogram(s)
Salicylic Acid	≥99	200-712-3	69-72-7	Acute Tox. 4, H302 Eye Dam. 1, H318 Repr. 2, H361d GHS05 GHS07 GHS08

3.2 Mixtures

EC Classification No.1272/2008

3.3 Additional Information

For the full text of the H & P-Phrases see Section 16.

4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

General

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

Inhalation

Remove casualty from exposure ensuring one's own safety whilst doing so. If conscious, ensure the casualty sits or lies down. If unconscious and breathing is OK, place in the recovery position. If unconscious, check for breathing and apply artificial respiration if necessary. If symptoms develop seek medical attention.

Ingestion

Wash out mouth with water. Do not induce vomiting.

Eyes

Get medical attention immediately. Call a poison centre or physician. Immediately flush eyes with plenty of water,

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occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20-30 minutes.

Skin

Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin. If irritation develops or persists seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

Show this safety data sheet to the doctor in attendance. A decontamination shower should be available on the premises.

5. SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media

Water spray. CO₂. Alcohol/Polymer foam. Dry chemical powder.

5.2 Special hazards arising from the substance or mixture

Dust-Air mixtures may ignite or explode. Keep containers exposed to fire cool with water spray. In combustion emits toxic fumes. May release Phenol.

5.3 Advice for fire-fighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Do not breathe vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

6.2 Environmental precautions

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

6.3 Methods and materials for containment and cleaning up

Transfer to a closable, labelled salvage container for disposal by an appropriate method. Product may be dampened with a little water to reduce dust formation. Wash the spillage site with large amounts of water.

6.4 References to other sections






See Section 7 for information on safe handling. Wear protective clothing as described in Section 8. See Section 11 for addition information on Health Hazards. See Section 12 for additional information on Ecological Hazards. For disposal see Section 13.

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7. SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling** Wear suitable protective clothing. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of dust in the air. Avoid contact with the material and breathing its dust. Isolate all sources of ignition. Earth any equipment used in handling.
- 7.2 Conditions for safe storage, including and incompatibilities** Store in cool, well ventilated area. Keep container tightly closed. Avoid contact with water or humidity. Do not store near foodstuffs. Must only be kept in original packaging.
- 7.3 Specific end use(s)** See Section 1.2

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters**
Components with workplace control parameters Contains no substance with operator exposure limits.
- 8.2 Exposure controls/ engineering controls** Ensure good ventilation of the work station.
- 8.2.1 Personal protective equipment**
Protective Equipment
- Eye/ Face Protection
 Chemical goggles. Full face shield may be required for supplementary but never for primary protection of eyes.
- Skin Protection
 Wear chemical protective gloves, e.g. PVC. Wear safety footwear or safety gumboots, e.g. Rubber.
- Body Protection
 Wear suitable protection, i.e. Overalls. P.V.C. apron. Barrier cream. Skin cleansing cream. Eye wash unit.
- Respiratory Protection
 In case of insufficient ventilation, wear suitable respiratory equipment EN 143.
- Control of Environmental Exposure
 Avoid release to the environment.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical Properties

Appearance	Solid - crystalline powder
Colour	White to Off-White
Odour/Odour threshold	Barely perceptible odour
pH value (10 % in water)	Not conclusive.
Boiling point	211°C @ 760 mm
Melting point	157-161°C
Flash point	157°C

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Auto-ignition temperature	540°C
Vapour pressure	1 mmHg @ 113.7°C
Relative density	Not conclusive.
Solubility in water	Slightly soluble
Solubility in organic solvents	Soluble in Diethyl Ether and Ethanol.
Surface tension	Not conclusive.
Partition coefficient (Log Po/w)	2
Viscosity	Not conclusive.
Dissociation constant	Not conclusive.

9.2 Other information

Flammability limits %: Lower	1.1%
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10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under recommended transport or storage conditions.
10.2 Chemical stability	Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions	Hazardous reactions will not occur under normal transport or storage conditions.
10.4 Conditions to avoid	Heat. Hot surfaces. Sources of ignition. Flames. Moist air. Humidity. Moisture.
10.5 Incompatible materials	Strong bases. Strong oxidising agents. Strong reducing agents.
10.6 Hazardous Decomposition Product(s)	It decomposes dispersing a strong odour of Phenol, by sudden heating. May liberate corrosive gas/vapours.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects	
11.1.1 Substances	
Acute toxicity	
Ingestion	Harmful if swallowed. Nausea and stomach pain may occur. There may be vomiting and diarrhoea. May induce sleep, muscular in co-ordination and respirator depression.
Inhalation	May cause irritation of the mucous membranes and respiratory system. May cause shortness of breath, sneezing and coughing.
Dermal	Not conclusive.
Skin irritation	Irritation or pain may occur at the site of contact.
Eye irritation	Risk of serious damage to eyes. There may be irritation and redness. The eyes may water profusely. May cause mechanical irritation to the eyes.
Respiratory or Skin Sensitisation	Sensitisation of the skin is possible in susceptible persons.
Germ Cell Mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Suspected of damaging the unborn child.

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	Specific Target Organ Toxicity – Single Exposure	Not classified.
	Specific Target Organ Toxicity – Repeated Exposure	Not classified.
	Aspiration Hazard	Not classified.
11.2	Other Adverse Effects	No data available.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	LC ₅₀ : 1370-2160 mg/l (96h), Fish EC ₅₀ : 870 mg/l (48h), Daphnia LC ₅₀ : >100 mg/l (72h), Algae
12.2	Persistence and degradability	Readily biodegradable.
12.3	Bioaccumulative potential	The product does not bioaccumulate.
12.4	Mobility in soil	Non-volatile. Low solubility in water, thus will only disperse slowly.
12.5	Results of PBT and vPvB assessment	This product is not identified as a PBT substance.
12.6	Other adverse effects	No known significant effects or critical hazards.

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods	
	Product	Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.
	Contaminated packaging	Contaminated containers must not be treated as household waste. Where practical, containers and packaging should be recycled by a licenced contractor.

14. SECTION 14: TRANSPORT INFORMATION

14.1	UN number	Not dangerous goods for transport.
14.2	UN proper shipping name	-
14.3	Transport hazard class(es)	-
14.4	Packaging group	-
14.5	Environmental hazards	-
14.6	Special precautions for user	-

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15. SECTION 15: REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture** This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.
- 15.2 Chemical Safety Assessment** A Chemical Safety Assessment is not required for this product when it is used in the specified applications outlined in this SDS.

16. SECTION 16: OTHER INFORMATION

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

H302: Harmful if swallowed.
H318: Causes serious eye damage.
H361d: Suspected of damaging the unborn child.

Full text of P-phrases referred to under sections 2 and 3.

P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P264: Wash hands thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P281: Use personal protective equipment as required.
P301+P312: IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313: IF exposed or concerned: Get medical advice/attention.
P310: Immediately call a POISON CENTER or doctor/physician.
P330: Rinse mouth.
P405: Store locked up.
P501: Dispose of contents and container to hazardous or special waste collection point.

Abbreviations:

ADN	International Carriage of Dangerous Goods by Inland Waterways
ADR	Accord European sur le transport des marchandises Danger uses par Route (European Agreement concerning the international Carriage of Dangerous goods by Road).
CAS	Chemical Abstract Service.
E _b C _x	Median effective concentration (biomass).
EC Number	European Community Number
E _r C _x	Median effective concentration (growth rate).
GHS	Globally Harmonized System of classification & labelling of chemicals.
GLP	Good Laboratory Practice
IATA	International Air Transport Association.
IC _x	Concentration that produces x% inhibition.
IMDG	International Maritime code for Dangerous Goods.
INCI	International Nomenclature of Cosmetic Ingredients.
K _{OW}	Distribution coefficient between n-octanol and water.
LC _x	Concentration required to kill x% of the test organisms.
LD _x	Dose required to kill x% of the test organisms.
LTEL	Long term exposure limit
NOEL	No observed effect level
PBT	Persistent, bioaccumulative and toxic
P _{OW}	Same as K _{OW} .
RID	International Carriage of Dangerous Goods by Rail.
SDS	Safety Data Sheet.
STEL	Short term exposure limit
STOT	Specific Target Organ Toxicity.

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SVHC
Trem Card
TWA
UN number
vPvB

Substance of very high concern
Transport Emergency Card.
Time weighted average
United Nations number
Very persistent and very bioaccumulative

Additional Information

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Ascot International (1996) Ltd. gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Madar Corporation accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.

CERTIFICATE OF ANALYSIS

Item Description:	Salicylic Acid	Batch Number:	4526007
Date of Manufacture: November 2023		Date of Expiry:	November 2026
PARAMETER	SPECIFICATION		RESULTS
Assay	99% min		100.5%
Melting Point	157 - 161°C		158.9°C
Sulphate	<0.1000		0.018

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