


SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006		
SALICYLIC ACID PHARMA GRADE		
Revision: 3.00		

Issuing date: 24.11.2010

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**Product identifier**

Trade name : SALICYLIC ACID PHARMA GRADE

Product number : 200-712-3

Registration number : 01-2119486984-17-0000

Relevant identified uses of the substance or mixture and uses advised against

Uses of the Substance/Mixture : Specific use(s): Industrial Manufacturing (all), Intermediate, Pharmaceuticals, Cosmetics, personal care products, Mining, (without offshore industries), Air care products, Polishes and wax blends, Washing and cleaning products (including solvent based products)

Details of the supplier of the safety data sheet

Company : RHODIA Opérations
190 Avenue Thiers
69457 LYON Cedex 06 - France
Tel : +33 (0)4.37.24.88.88


Emergency telephone number : MULTI LINGUAL EMERGENCY NUMBER (24/7)
Europe/America/Africa : +44 1235 239 670 (UK)
Middle East & Africa speaking Arabic : +44 1235 239 671 (UK)
Asia Pacific : +65 3158 1074 (Singapore)
China : +86 10 5100 3039 (Beijing)

E-mail address : information.fds@eu.rhodia.com

2. HAZARDS IDENTIFICATION**Classification****Classification (REGULATION (EC) No 1272/2008)**

Acute toxicity, Oral, Category 4 H302: Harmful if swallowed.

Serious eye damage, Category 1 H318: Causes serious eye damage.

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Classification (67/548/EEC,1999/45/EC)

Xn: Harmful.
Xi: Irritant.

R22: Harmful if swallowed.
R41: Risk of serious damage to eyes.

Label elements

Hazardous products which must be listed on the label:

- 69-72-7 salicylic acid

REGULATION (EC) No 1272/2008

Pictogram

:



Signal word

: Danger

Hazard statements

: H302
H318

Harmful if swallowed.
Causes serious eye damage.

Precautionary statements

: **Prevention:**

P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/ eye protection/ face protection.

Response:

P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.

P330 Rinse mouth.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.


P310 Immediately call a POISON CENTER or doctor/ physician.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

Slightly irritating to the skin. Combustible solid. Divided solid. May form explosive dust-air mixture.

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3. COMPOSITION/INFORMATION ON INGREDIENTS**Substance**

CAS-No. : 69-72-7

EINECS-No. : 200-712-3

Information on ingredients

Chemical Name	CAS-No. EINECS-No.	Classification 67/548/EEC	Classification REGULATION (EC) No 1272/2008	Concentration [%]
salicylic acid	69-72-7 200-712-3 self classification	Xn; R22 Xi; R41		>= 99

For the full text of the R-phrases mentioned in this Section, see Section 16.


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

4. FIRST AID MEASURES**Description of necessary first-aid measures**

- General advice : Show this safety data sheet to the doctor in attendance.
First aider needs to protect himself.
Place affected clothing in a sealed bag for subsequent decontamination.
- Inhalation : If breathed in, move person into fresh air.
- Skin contact : Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.
Call a physician if irritation develops or persists.
- Eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Get immediate medical advice/ attention.
- Ingestion : Do NOT induce vomiting.
Do not give anything to drink.
Consult a physician if necessary.

5. FIRE-FIGHTING MEASURES**Extinguishing media**

Suitable extinguishing media : Foam

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powder
Water spray

Unsuitable extinguishing media : None known.
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Special hazards arising from the substance or mixture

Specific hazards during fire fighting : Risk of dust explosion.
on heating.
Toxic and flammable vapours are released (explosion hazard).

Advice for firefighters

Special protective equipment for fire-fighters : Special protective equipment for fire-fighters
Self-contained breathing apparatus (EN 133)

Specific fire fighting methods : Cool containers / tanks with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Avoid contact with the skin and the eyes.
Do not breathe dust.
For further information refer to section 8 "Exposure controls/personal protection".
Boots
Mark the contaminated area with signs and prevent access to unauthorized personnel.
Signal word
Stop leak if safe to do so.


Environmental precautions : Do not allow uncontrolled discharge of product into the environment.

Methods for Cleaning or Taking Up

Recovery : Keep in properly labelled containers.
Keep in suitable, closed containers for disposal.

Decontamination/cleaning : Decontaminate and wash the floor with:
sodium hydroxide (2 to 5%).
Wash off with plenty of water.
Recover the cleaning water for subsequent disposal.

Disposal : Treat recovered material as described in the section "Disposal considerations".

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7. HANDLING AND STORAGE**Handling**

- Technical measures : Electrical bonding of pneumatic conveyor.
Earth the equipment.
Blanket with inert gas.
- Advice on safe handling and usage : Protect from moisture.
Avoid dust formation.
Provide adequate ventilation.
Do not get in eyes or mouth or on skin.

Storage

- Technical Measures for storage : The floor of the depot should be impermeable and designed to form a water-tight basin.
Local ventilation required when opening the packaging.

Storage conditions

- Recommended : Protect against light.
Keep away from open flames, hot surfaces and sources of ignition.
Keep container tightly closed.
Protect from moisture.


- Incompatible products : Alkalis and caustic products.
Oxidizing materials.

Packaging Measures

- : Store in original container., Flexible container lined with a plastic film., Paper bag lined with a plastic film.
- Packaging materials - Recommended : Stainless steel, Plastic materials (polyethylene)., Polypropylene
- Packaging materials - To be avoided : Steel

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

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Control measures

Engineering measures : Dust must be extracted directly at the point of origin.

Personal protective equipment

Respiratory protection : Use a respirator with an approved filter if a risk assessment indicates this is necessary
Handling product in bulk:
Respirator with a particle filter (EN 143)

Hand protection : Where there is a risk of contact with hands, use appropriate gloves

Eye protection : Safety glasses with side-shields

Skin and body protection : Protective suit

Hygiene measures : Ensure that eyewash stations and safety showers are close to the workstation location.
Use clean, well-maintained personal protection equipment.
Wash hands before breaks and immediately after handling the product.
When using do not eat, drink or smoke.

Protective measures : The protective equipment must be selected in accordance with current CEN standards and in cooperation with the supplier of the protective equipment.
Selection of appropriate personal protective equipment should be based on an evaluation of the performance characteristics of the protective equipment relative to the task(s) to be performed, conditions present, duration of use, and the potential hazards and/or risks that may occur during use.


General advice : Do not allow uncontrolled discharge of product into the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

Form : Crystalline powder Needles

Physical state : solid

Colour : white
colourless

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Odour : none to very slight

Odour Threshold : no data available

Safety data

pH : 2,4 at 2 % (m/v) (aqueous suspension)

Melting point/range : 157 - 160 °C

Boiling point/boiling range : 256 °C at 1.013 hPa

Sublimation point : 76 °C

Flash point : 157 °C
closed cup

Flammability (solid, gas) : The product is not flammable.

Autoignition temperature : Not applicable solid for which the melting point is < 160 °C;

Oxidizing properties : Not considered as oxidizing, Structure-activity relationship (SAR)

Water solubility : 2 g/l at 20 °C

Solubility in other solvents : Diethylether
soluble

Acetone
soluble

Ethanol
soluble

Chloroform
soluble

Partition coefficient: n-octanol/water : log Pow: ca. 2

Vapour pressure : 0,0002 hPa at 25 °C

Evaporation rate : no data available

Relative vapour density : no data available

Density : 1,44 g/cm³ at 20 °C


Bulk density : 700 - 800 kg/m³
Tamped product

400 - 500 kg/m³
loose

Oxidation/Reduction Potential : no data available

Viscosity, dynamic : not applicable, solid

Viscosity, kinematic : not applicable, solid

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Thermal decomposition	: 230 °C Heating rate: 2 K/min
Dust explosion constant	: 216 m.bar/s
Minimum ignition concentration	: 30 g/m ³
Minimum ignition energy	: 3 - 10 mJ Method: modified Hartmann tube - MIKE 3
Minimum ignition temperature	: 340 °C
Lower explosion limit	: not applicable, solid
Upper explosion limit	: not applicable, solid
Molecular Weight	: 138,12 g/mol


10. STABILITY AND REACTIVITY

Chemical stability	: Stable at room temperature. Stable under recommended storage conditions.
Hazardous reactions Conditions to avoid	: Decomposes on heating. Risk of dust ignition in air at concentrations > 30 g/m ³
Materials to avoid	: Alkalis and caustic products. Oxidizing materials.
Decomposition products	: At high temperatures releases: flammable vapours which may generate fire or explosion hazards On combustion or on thermal decomposition (pyrolysis) releases: toxic vapours. (Carbon oxides (CO + CO ₂)). (Phenol).

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Acute oral toxicity	: LD50 : 891 mg/kg - rat , males Unpublished internal reports
Acute inhalation toxicity	: LC50 - 1 h : > 0,9 mg/l - rat Dust Unpublished internal reports
Acute dermal toxicity	: LD50 : > 2.000 mg/kg - rat Published data

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Acute toxicity (other routes of administration) : no data available

Aspiration toxicity : not applicable

Skin corrosion/irritation

Skin irritation : Not irritating to rabbits on cutaneous application.
Unpublished internal reports
May cause slight temporary irritation

Serious eye damage/eye irritation

Eye irritation : rabbit
Risk of serious damage to eyes.
Severe eye irritation
Published data

Respiratory or skin sensitization

Sensitisation : Local lymph node assay - mouse
not sensitising
Published data

Human
not sensitising
Diluted product
Published data

Repeated dose toxicity


Repeated dose toxicity : Oral exposure
4 Months - rat
NOAEL: 45,4 mg/kg
Published data
Information given is based on data obtained from similar substances.

Oral exposure
24 Months - rat
NOAEL: 45,4 mg/kg
Published data
Information given is based on data obtained from similar substances.

STOT

STOT - single exposure : Toxicology Assessment:
The substance or mixture is not classified as specific target organ toxicant, single exposure.

STOT - repeated exposure : Toxicology Assessment:
The substance or mixture is not classified as specific target

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organ toxicant, repeated exposure.

Carcinogenicity

Carcinogenicity : No carcinogenic effects have been observed

Mutagenicity

Genotoxicity in vitro : In vitro tests did not show mutagenic effects
Published data

Genotoxicity in vivo : In vivo tests did not show mutagenic effects
Published data

Reproductive toxicity

Reproductive toxicity : Fertility study 3 generations - rat
NOEL parent: 250 mg/kg
NOEL F1: 75 mg/kg
NOEL F2: 75 mg/kg
Published data
Information given is based on data obtained from similar substances.

Developmental Toxicity /
Teratogenicity : rat
Oral exposure
NOAEL teratogenicity: 50 mg/kg
NOAEL maternal: 50 mg/kg

Published data

Experience with human exposure


Experience with human exposure : May cause respiratory irritation.
: Inhalation
Dust
Unpublished reports

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Aquatic Compartment (including sediment)

Toxicity to fish : LC50 - 96 h : 1.380 mg/l - Pimephales promelas (fathead minnow)
flow-through test
Published data

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Toxicity to daphnia and other aquatic invertebrates.	: EC50 - 48 h : 870 mg/l - Daphnia magna (Water flea) static test Published data
Toxicity to aquatic plants	: EC50 - 72 h : > 100 mg/l - Desmodesmus subspicatus (green algae) Biomass Published data
Toxicity to daphnia and other aquatic invertebrates. (Chronic toxicity)	: NOEC: 10 mg/l - 21 d - Daphnia magna (Water flea) Published data

Persistence and degradability

Biodegradability

Biodegradability	: Ultimate aerobic biodegradability Readily biodegradable Published data
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Bioaccumulation

Partition coefficient: n-octanol/water	: Not potentially bioaccumulable Published data
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Mobility

Distribution among environmental compartments	: Mobile in soils Unpublished internal reports
Known distribution to environmental compartments	: Ultimate destination of the product : Water


Other adverse effects

Environment assessment	: Not classified as Dangerous for the Environment, according to EC criteria Not classified as Dangerous for the Environment, according to REGULATION (EC) No 1272/2008
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13. DISPOSAL CONSIDERATIONS

Product Disposal

Interdiction	: Do not let product enter drains.
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Advice on cleaning and disposal of packaging

Advice : Completely empty the packaging prior to decontamination.

Reason for waste disposal : Incinerate bags and flexible containers.

Other data : Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION**ADR**

not regulated

RID

not regulated

IMDG

not regulated

IATA


not regulated

ADNR

not regulated

Note: The above regulatory prescriptions are those valid on the date of publication of this sheet. Given the possible evolution of transport regulations for hazardous materials, it would be advisable to check their validity with your sales office.

15. REGULATORY INFORMATION

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16. OTHER INFORMATION**Full text of R-phrases referred to under sections 2 and 3**

R22	Harmful if swallowed.
R41	Risk of serious damage to eyes.

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

H302	Harmful if swallowed.
H318	Causes serious eye damage.

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

P264	Wash skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves/ 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.
P310	Immediately call a POISON CENTER or doctor/ physician.
P330	Rinse mouth.
P501	Dispose of contents/ container to an approved waste disposal plant.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. Such information is only given as a guidance to help the user handle, use, process, store, transport, dispose and release the product in satisfactory safety conditions and is not to be considered as a warranty or quality specification. It should be used in conjunction with technical sheets but do not replace them. Thus, the information only relates to the designated specific product and may not be applicable if such product is used in combination with other materials or in an other manufacturing process, unless otherwise specifically indicated. It does not release the user from ensuring he is in conformity with all regulations linked to its activity.

NB: In this document the numerical separator of the thousands is the "." (point), the decimal separator is "," (comma).