

# SoapGoods

## Safety Data Sheet

### Section 1: Identification

Trade Name: SALICYLIC ACID PHARMA GRADE

Company: Soapgoods Inc

Address: 1824 Willow Trail Pkwy, Ste 200. Norcross. GA 30093

Phone: (404) 924-9080

E-Mail: wecare@soapgoods.com

Emergency Phone: Chemtrec 1 800 424 9300

### Section 2: Hazard(s) 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.

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

Xn: Harmful. R22: Harmful if swallowed.

Xi: Irritant. R41: Risk of serious damage to eyes.

Label elements

Hazardous products which must be listed on the label:

<sup>35</sup>/<sub>17</sub> 69-72-7 salicylic acid

REGULATION (EC) No 1272/2008

Pictogram



Signal word : Danger Hazard statements : H302 Harmful if swallowed. H318 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.

### Section 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	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.

### Section 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.

## **Section 5: Fire-Fighting Measures**

Extinguishing media

Suitable extinguishing media : Foam

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.

## **Section 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".

### **Section 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

## **Section 8: Exposure Controls/Personal Protection**

Contains no substances with occupational exposure limit values.

### 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.

## Section 9: Physical and Chemical Properties

### Appearance

Form: Crystalline powder Needles

Physical state: solid

Colour : white  
colourless

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: noctanol/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/cm<sup>3</sup> at 20 °C

Bulk density : 700 - 800 kg/m<sup>3</sup>

Tamped product

400 - 500 kg/m<sup>3</sup>

loose

Oxidation/Reduction Potential : no data available

Viscosity, dynamic : not applicable, solid

Viscosity, kinematic : not applicable, solid

Thermal decomposition : 230 °C

Heating rate: 2 K/min  
Dust explosion constant : 216 m.bar/s  
Minimum ignition concentration : 30 g/m<sup>3</sup>  
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

## **Section 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<sup>3</sup>

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<sub>2</sub>)).

(Phenol).

## **Section 11: Toxicological Information**

Acute toxicity

Acute oral toxicity : LD<sub>50</sub> : 891 mg/kg - rat , males

Unpublished internal reports

Acute inhalation toxicity : LC<sub>50</sub> - 1 h : > 0,9 mg/l - rat

Dust

Unpublished internal reports

Acute dermal toxicity : LD<sub>50</sub> : > 2.000 mg/kg - rat

Published data

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



## Section 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

#### 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 - Desmodium subspicatum (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

### Bioaccumulation

Partition coefficient: octanol/water: Not potentially bioaccumulable

Published data

### 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

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.

### **Section 13: Disposal Considerations**

Product Disposal Interdiction : Do not let product enter drains.

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 regulation

### **Section 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.

### **Section 15: Regulatory Information**

## Section 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.

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Review Date: December 2015