

Revised: 3 May 2023

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**SAFETY DATA SHEET**

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

## 1.1 Product identifier

Product Name: Salts Odour Eliminating Spray  
Product Description: 'Bag in Can' aerosol containing an aqueous solution of quaternary polyphenolic compounds derived from grapeseed extracts, citric acid, ascorbic acid, niacin, thiamine hydrochloride, glycerol and pulegone.

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

Use of the substance/mixture: To remove excess flatus odour from surrounding area  
Use advised against: Do not spray directly on to the skin

## 1.3 Details of the supplier of the safety data sheet

Name of Supplier: Salts Healthcare UK  
Address of Supplier: Richard St,  
Aston,  
Birmingham  
United Kingdom  
B7 4AA  
Telephone: +44 (0) 121 333 2000  
Fax: +44 (0) 121 359 0830  
Email: hello@salts.co.uk

## 1.4 Emergency telephone number

+44 (0) 121 333 2000

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**SECTION 2: Hazards identification**

## 2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]: Aerosol 3, H229  
Additional information: For full text of Hazard- and EU Hazard-statements: see section 16

## 2.2 Label elements

Hazard pictograms: None  
Signal Word: Warning: USE ONLY AS DIRECTED

## Hazard statements

H229 - Pressurised container: May burst if heated.

## Precautionary statements

P102 - Keep out of reach of children.  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P251 - Do not pierce or burn, even after use.  
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.

## Supplemental Hazard information (EU)

None

## 2.3 Other hazards

Not a PBT according to REACH Annex XIII  
Not a vPvB according to REACH Annex XIII

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**SECTION 2: Hazards identification (....)**

Does not contain any substances with endocrine disrupting properties

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**SECTION 3: Composition/information on ingredients**

## 3.1 Substances

Not applicable

## 3.2 Mixtures

Contains the following hazardous ingredients or ingredients with a workplace exposure limit:

Chemical Name	Conc.	CAS No.	EC No.	Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]	SCL/ M-Factor/ ATE	REACH Registration Number	WEL/ OEL
Glycerin Kosher (glycerol, mist)	1 - 10%	56-81-5	200-289-5	Not classified (Substance with a workplace exposure limit)	-	-	Yes
Pulegone (p-menth-4(8)-en-3-one)	< 2%	89-82-7	201-943-2	Acute Tox. 4, H302	-	-	No
Quaternary polyphenolic compounds derived from grapeseed extracts, citric acid, ascorbic acid and thiamine hydrochloride	-	-	-	-	-	-	-

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**SECTION 4: First aid measures**

## 4.1 Description of first aid measures

## Contact with eyes

If substance has got into eyes, immediately wash out with plenty of water for several minutes  
 Remove contact lenses, if present and easy to do. Continue rinsing.  
 Irrigate eyes thoroughly whilst lifting eyelids  
 If eye irritation persists: Get medical advice/attention.

## Contact with skin

Wash affected area with plenty of soap and water  
 If skin irritation or rash occurs: Get medical advice/attention.

## Ingestion

Give plenty of water to drink  
 IF exposed or concerned: Get medical advice/attention.

## Inhalation

If you feel unwell, seek medical advice (show the label where possible)

## 4.2 Most important symptoms and effects, both acute and delayed

## Contact with eyes

May cause eye irritation

## Contact with skin

May cause mild skin irritation  
 May cause sensitisation by skin contact

## Ingestion

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**SECTION 4: First aid measures (....)**

The ingestion of significant quantities may cause nausea/vomiting

**Inhalation**

In cases of severe exposure, irritation of the respiratory tract may develop

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

May cause skin sensitisation. Stop using product if skin sensitisation occurs.

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**SECTION 5: Firefighting measures****5.1 Extinguishing media**

Suitable extinguishing media: In case of fire use water, alcohol resistant foam, carbon dioxide or dry agent

In the event of an adjacent fire, cool containers with water spray

Unsuitable extinguishing media: High volume water jet

**5.2 Special hazards arising from the substance or mixture**

In a fire or if heated, a pressure increase will occur and the container may burst

Gives off irritating or toxic fumes (or gases) in a fire.

Decomposition products may include carbon oxides

**5.3 Advice for firefighters**

In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion.

Keep container(s) exposed to fire cool, by spraying with water

Wear chemical protection suit and positive-pressure breathing apparatus

Clothing for firefighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents

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**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

Only trained and authorised personnel should carry out emergency response

Personal precautions for non-emergency personnel: Avoid contact with skin and eyes; Do not breathe spray/mists

Personal precautions for emergency responders: Wear chemical protection suit; Wear self-contained breathing apparatus (SCBA)

**6.2 Environmental precautions**

Do not empty into drains

**6.3 Methods and material for containment and cleaning up**

Absorb spillage in earth or sand

Place in appropriate container

Remove contaminated material to safe location for subsequent disposal

Seek expert advice for removal and disposal of all contaminated materials and wastes

**6.4 Reference to other sections**

See section(s): 7, 8 & 13

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**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

Ensure adequate ventilation

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**SECTION 7: Handling and storage (....)**

Avoid breathing vapours or spray  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.  
Do not expose to temperatures exceeding 50°C/ 122°F.  
Do not eat, drink or smoke when using this product.

**7.2 Conditions for safe storage, including any incompatibilities**

Keep locked up and out of reach of children  
Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.  
Keep in a cool, dry, well ventilated place  
Incompatible with strong oxidizing substances

**7.3 Specific end use(s)**

To remove excess flatulence odour from surrounding area

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**SECTION 8: Exposure controls/personal protection****8.1 Control parameters**

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.  
Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace exposure - Measurement of exposure by inhalation to chemical agents - Strategy for testing compliance with occupational exposure limit values). European Standard EN 14042 (Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents). European Standard EN 482 (Workplace exposure. General requirements for the performance of procedures for the measurement of chemical agents). Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

Glycerin Kosher (glycerol, mist)

WEL (long term) 10 mg/m<sup>3</sup> (UK, glycerol, mist)

Pulegone (p-menth-4(8)-en-3-one)

No exposure limits have been set for this substance

**8.2 Exposure controls**

Selection and use of personal protective equipment should be based on a risk assessment of exposure potential

Engineering controls

Engineering controls are not required for normal handling

Respiratory protection

None required for normal handling of product

In case of fire: Wear suitable respiratory protection

Skin protection

None required for normal handling of product

Eye/face protection

None required for normal handling of product

Thermal hazards

Not applicable

Hygiene measures

Use good personal hygiene practices

Do not eat, drink or smoke when using this product.

Wash thoroughly after handling.

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**SECTION 8: Exposure controls/personal protection (....)**

Environmental exposure controls

Do not empty into drains

Do not allow to penetrate the ground/soil.

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**SECTION 9: Physical and chemical properties**

## 9.1 Information on basic physical and chemical properties

Physical state:	Pressurized aerosol container
Colour:	Liquid contents are colourless to yellow
Odour:	Mint; menthol
Melting point/freezing point:	No information available
Boiling point or initial boiling point and boiling range:	100 °C
Flammability:	Not flammable
Lower and upper explosion limit:	No data available
Flash point:	Not applicable
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
pH:	Not applicable
Kinematic viscosity:	No data available
Solubility:	No data available
Partition coefficient n-octanol/water (log value):	No data available
Vapour pressure:	No data available
Density and/or relative density:	0.900 - 0.910 @ 20°C
Relative vapour density:	No data available
Particle characteristics:	Not applicable

## 9.2 Other information

Refractive Index: 1.460 - 1.467 @ 20°C

Optical rotation: -16 to -30

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**SECTION 10: Stability and reactivity**

## 10.1 Reactivity

No information available

## 10.2 Chemical stability

Considered stable under normal conditions

## 10.3 Possibility of hazardous reactions

Explosive when mixed with oxidizing substances

## 10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.

## 10.5 Incompatible materials

Incompatible with strong oxidizing substances

## 10.6 Hazardous decomposition products

Decomposition products may include carbon oxides

**SECTION 11: Toxicological information**

## 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

## Acute Toxicity

Based on available data, the classification criteria are not met

## Substances

Chemical Name	LD <sub>50</sub> (oral, rat)	LC <sub>50</sub> (inhalation, rat)	LD <sub>50</sub> (dermal, rabbit)
Glycerin Kosher (glycerol, mist)	27 200 mg/kg	(4 h) 5.85 mg/L	45 mL/kg (guinea pig)
Pulegone (p-menth-4(8)-en-3-one)	No data available	No data available	No data available

## Skin corrosion/irritation

Based on available data, the classification criteria are not met

## Substances

Chemical Name	Irritation/corrosion
Glycerin Kosher (glycerol, mist)	No adverse effect observed (not irritating)
Pulegone (p-menth-4(8)-en-3-one)	No data available

## - Serious eye damage/irritation

Based on available data, the classification criteria are not met

## Substances

Chemical Name	Irritation/corrosion
Glycerin Kosher (glycerol, mist)	No adverse effect observed (not irritating)
Pulegone (p-menth-4(8)-en-3-one)	No data available

## Respiratory or skin sensitisation

Based on available data, the classification criteria are not met

## Substances

Chemical Name	Skin sensitisation	Respiratory sensitisation
Glycerin Kosher (glycerol, mist)	No adverse effect observed (not sensitising)	No study available
Pulegone (p-menth-4(8)-en-3-one)	No data available	No data available

## Germ cell mutagenicity

Based on available data, the classification criteria are not met

## Substances

Chemical Name	Toxicity - In Vitro	Toxicity - In Vivo
Glycerin Kosher (glycerol, mist)	No adverse effect observed (negative)	No data available
Pulegone (p-menth-4(8)-en-3-one)	No data available	No data available

## Carcinogenicity

Based on available data, the classification criteria are not met

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**SECTION 11: Toxicological information (....)**

## Substances

Chemical Name	NOAEL (oral, rat)	NOAEC (inhalation, rat)	NOAEL (dermal, rat)
Glycerin Kosher (glycerol, mist)	No data available	No data available	No data available
Pulegone (p-menth-4(8)-en-3-one)	No data available	No data available	No data available

## Reproductive toxicity

Based on available data, the classification criteria are not met

## Substances

Chemical Name	NOAEL (oral, rat)	NOAEC (inhalation, rat)	NOAEL (dermal, rat)
Glycerin Kosher (glycerol, mist)	2 000 mg/kg bw/day (Effect on fertility)	No data available	No data available
Pulegone (p-menth-4(8)-en-3-one)	No data available	No data available	No data available

## Specific target organ toxicity (STOT) - single exposure

Based on available data, the classification criteria are not met

## Substances

Chemical Name	Route	Remarks
Glycerin Kosher (glycerol, mist)	Respiratory	No data available
Pulegone (p-menth-4(8)-en-3-one)	Respiratory	No data available

## Specific target organ toxicity (STOT) - repeated exposure

Based on available data, the classification criteria are not met

## Substances

Chemical Name	NOAEL (oral, rat)	NOAEC (inhalation, rat)	NOAEL (dermal, rat)
Glycerin Kosher (glycerol, mist)	10 000 mg/kg bw/day	662 mg/m <sup>3</sup>	5 040 mg/kg bw/day
Pulegone (p-menth-4(8)-en-3-one)	No data available	No data available	No data available

## Aspiration hazard

Based on available data, the classification criteria are not met

## Contact with eyes

May cause eye irritation

## Contact with skin

May cause mild skin irritation

May cause sensitisation by skin contact

## Ingestion

The ingestion of significant quantities may cause nausea/vomiting

## Inhalation

In cases of severe exposure, irritation of the respiratory tract may develop

## 11.2 Information on other hazards

Does not contain any substances with endocrine disrupting properties

**SECTION 12: Ecological information**

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**SECTION 12: Ecological information (....)**

## 12.1 Toxicity

Based on available data, the classification criteria are not met

## Substances

Chemical Name	LC <sub>50</sub> (fish)	EC <sub>50</sub> (aquatic algae)	EC <sub>50</sub> (aquatic invertebrates)
Glycerin Kosher (glycerol, mist)	(4 days) 54 g/L	(24 h) 10 g/L	2.9 g/L (freshwater)
Pulegone (p-menth-4(8)-en-3-one)	No data available	No data available	No data available

## 12.2 Persistence and degradability

No information available

## Substances

Chemical Name	Biodegradation
Glycerin Kosher (glycerol, mist)	Readily biodegradable (100%)
Pulegone (p-menth-4(8)-en-3-one)	No data available

## 12.3 Bioaccumulative potential

No information available

## Substances

Chemical Name	Bioconcentration Factor (BCF)	Log Kow
Glycerin Kosher (glycerol, mist)	Low potential for bioaccumulation (Log Kow ≤ 3)	(Log Pow) -1.75 @ 25 °C
Pulegone (p-menth-4(8)-en-3-one)	No data available	No data available

## 12.4 Mobility in soil

No data available

## Substances

Chemical Name	Adsorption/desorption
Glycerin Kosher (glycerol, mist)	No data available
Pulegone (p-menth-4(8)-en-3-one)	No data available

## 12.5 Results of PBT and vPvB assessment

Not a PBT according to REACH Annex XIII

Not a vPvB according to REACH Annex XIII

## 12.6 Endocrine disrupting properties

Does not contain any substances with endocrine disrupting properties

## 12.7 Other adverse effects

No information available

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**SECTION 13: Disposal considerations**

## 13.1 Waste treatment methods



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**SECTION 13: Disposal considerations (....)**

Avoid release to the environment.  
Disposal should be in accordance with local, state or national legislation

**13.2 Classification**

The waste must be identified according to the List of Wastes (2000/532/EC)  
Hazardous Property Code(s): None assigned

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**SECTION 14: Transport information****14.1 UN number or ID number**

UN No.: 1950

**14.2 UN proper shipping name**

Proper Shipping Name: AEROSOLS

**14.3 Transport hazard class(es)**

Hazard Class: 2

**14.4 Packing group**

Not applicable

**14.5 Environmental hazards**

Presents little or no hazard to the environment

**14.6 Special precautions for user**

Ensure valve protection device (where provided) is correctly fitted.

**14.7 Maritime transport in bulk according to IMO instruments**

Not applicable

**14.8 Road/Rail (ADR/RID)**

Proper Shipping Name: AEROSOLS

ADR UN No.: 1950

ADR Hazard Class: 2

ADR Packing Group: N/A

Tunnel Code: D

**14.9 Sea (IMDG)**

Proper Shipping Name: AEROSOLS

IMDG UN No.: 1950

IMDG Hazard Class: 2

IMDG Packing Group.: N/A

**14.10 Air (ICAO/IATA)**

Proper Shipping Name: AEROSOLS, NON-FLAMMABLE

ICAO UN No.: 1950

ICAO Hazard Class: 2.2

ICAO Packing Group: N/A

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**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

This safety data sheet is provided in compliance with REACH Regulation (EC) No 1907/2006 (as amended by Regulation (EU) 2020/878) and UK REACH

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**SECTION 15: Regulatory information (....)**

The GB Classification, Labelling and Packaging Regulation (GB CLP) applies in Great Britain  
Regulation (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation) applies in Europe  
This product is covered by the Aerosol Dispensers Regulations 2009

**15.2 Chemical safety assessment**

A REACH chemical safety assessment has not been carried out

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**SECTION 16: Other information**

This information is intended to cover potential hazards at the place of work and does not detail medical uses, indications, contra-indications and precautions for the treatment of patients.

Sources of data: Information from company data, published literature and supplier safety data sheets

Created by ChemRegs (UK) Ltd June 2014

Revision No. 2.0.0. Revised December 2016.

Changes made: Updated sections to conform to latest version of REACH

Revision No. 3.0.0. Revised May 2023.

Changes made: Updated to conform to the latest version of REACH Annex II

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Aerosol 3, H229: Classification based on bridging principles of similar tested mixtures

Text not given with phrase codes where they are used elsewhere in this safety data sheet:

H229: Pressurised container: May burst if heated

H302: Harmful if swallowed

**Acronyms**

ATE: Acute Toxicity Estimate

CAS: Chemical Abstracts Service

DNEL: Derived No-Effect Level

EC: European Community

EC<sub>50</sub>: Effective Concentration, 50%

GHS: Globally Harmonised System

LC<sub>50</sub>: Lethal Concentration, 50%

LD<sub>50</sub>: Lethal Dose, 50%

NOAEC: No Observed Adverse Effect Concentration

NOAEL: No Observed Adverse Effect Level

OEL: Occupational Exposure Limit

PBT: Persistent, Bioaccumulative and Toxic

PNEC: Predicted No-Effect Concentration

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals

SCL: Specific Concentration Limit

STOT RE: Specific Target Organ Toxicity Repeated Exposure

STOT SE: Specific Target Organ Toxicity Single Exposure

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

WEL: Workplace Exposure Limit