



**SAFETY DATA SHEET**  
SOLUPAK Anti Viral cleaner Revision 1

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Compilation date: 01/05/2020

Revision date: 14/05/2020

Revision No: 3

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

**1.1. Product identifier**

Product name: SOLUPAK Anti Viral Cleaner

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

Use of substance / mixture: PC35: Washing and cleaning products (including solvent based products).

**1.3. Details of the supplier of the safety data sheet**

Company name:

Solupak Limited  
Unit 6  
Ripley Close Normanton  
WF6 1TB  
UK

Tel: +44 1924 565 120

Email: sales@solupak.com

**1.4. Emergency telephone number**

Emergency tel: +44 1924 565 120

**Section 2: Hazards identification**

(office hours only)

**2.1. Classification of the substance or mixture**

Classification under CLP: Aquatic Acute 1: H400; Aquatic Chronic 3: H412; Skin Corr. 1B: H314

Most important adverse effects:

**2.2. Label elements**

Label elements: Hazard

statements: Hazard

pictograms:

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Signal words:

Causes severe skin burns and eye damage. Very toxic to aquatic life. Harmful to aquatic life with long lasting effects.

H314: Causes severe skin burns and eye damage.

H400: Very toxic to aquatic life.

H412: Harmful to aquatic life with long lasting effects.

GHS05: Corrosion

GHS09: Environmental



Danger

[cont...]

Precautionary statements:

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water .

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

## 2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

## 3.2. Mixtures

[cont...]

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Hazardous ingredients:

SODIUM CARBONATE

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

EINECS	CAS	PBT / WEL	CLP Classification	Percent
207-838-8	497-19-8	-	Eye Irrit. 2: H319	50-70%

QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C8-18-ALKYLDIMETHYL, CHLORIDES - REACH registered number(s): 01-2119983287-23-XXXX

264-151-6	63449-41-2	-	Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1B: H314; Aquatic Acute 1: H400	1-10%
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QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-18-ALKYLDIMETHYL, CHLORIDES

269-919-4	68391-01-5	-	Acute Tox. 4: H302; Skin Corr. 1B: H314; Aquatic Acute 1: H400	1-10%
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QUATERNARY AMMONIUM COMPOUNDS C12-C18- ALKYL-[(ETHYLBENZYL) METHYL] DIMETHYL, CHLORIDES

273-318-2	68956-79-6	-	Acute Tox. 4: H302; Skin Corr. 1B: H314; Aquatic Acute 1: H400; Flam. Liq. 3: H226; Acute Tox. 4: H312	1-10%
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AMINES, C12-18-ALKYLDIMETHYL - REACH registered number(s): 01-2119485586-22-XXXX

269-923-6	68391-04-8	-	Acute Tox. 4: H302; Skin Corr. 1B: H314; Aquatic Chronic 1: H410	<1%
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4.1. Description of first aid measures

**Section 4: First aid measures**

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

[cont...]

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- Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
- Ingestion:** Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

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

- Skin contact:** Blistering may occur. Progressive ulceration will occur if treatment is not immediate.
- Eye contact:** Corneal burns may occur. May cause permanent damage.
- Ingestion:** Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.
- Inhalation:** There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

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

5.1. Extinguishing media

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Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Corrosive. In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**Section 7: Handling and storage**

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Do not create dust. Refer to section 8 of SDS for personal protection details.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

**Section 8: Exposure controls/personal protection**

**Section 5: Fire-fighting measures**

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.  
Do not handle in a confined space. Avoid the formation or spread of dust in the air.

**Section 6: Accidental release measures**

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

8.1. Control parameters

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Workplace exposure limits: No data available.

**DNEL/PNEC Values**

Hazardous ingredients:

AMINES, C12-18-ALKYLDIMETHYL

**Section 9: Physical and chemical properties**

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	1 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Oral	0.5 mg/kg bw/day	General Population	Systemic
PNEC	Fresh water	0.26ug/l	-	-
PNEC	Marine water	0.03ug/l	-	-
PNEC	STP	130ug/l	-	-
PNEC	Fresh water sediments	1.25 mg/kg sediment	-	-
PNEC	Marine sediments	0.125 mg/kg sediment	-	-
PNEC	Soil	1mg/kg soil sw	-	-

**8.2. Exposure controls**

**Section 10: Stability and reactivity**

- Engineering measures: Ensure there is sufficient ventilation of the area.
- Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.  
Respiratory protective device with particle filter.
- Hand protection: Protective gloves.
- Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.
- Skin protection: Protective clothing.
- Environmental: Prevent from entering in public sewers or the immediate environment.

**9.1. Information on basic physical and chemical properties**

State: Powder

[cont...]

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Colour: Green

Odour: Characteristic odour

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: Soluble

Viscosity: Not applicable.

Boiling point/range°C: No data available.

Melting point/range°C: No data available.

Flammability limits %:  
lower: No data available.

upper: No data available.

Flash point°C: No data available.

Part.coeff. n-octanol/water: No data available.

Autoflammability°C: No data available.

Vapour pressure: No data available.

Relative density: No data available.

pH: 10.9 (5% soln)

VOC g/l: No data available.

**9.2. Other information**

Other information: No data available.

**10.1. Reactivity**

Reactivity: Stable under recommended transport or storage conditions.

**10.2. Chemical stability**

Chemical stability: Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

**10.4. Conditions to avoid**

Conditions to avoid: Heat.

**10.5. Incompatible materials**

Materials to avoid: Strong oxidising agents. Strong acids.

**10.6. Hazardous decomposition products**

Haz. decomp. products: In combustion emits toxic fumes.

**11.1. Information on toxicological effects**

Hazardous ingredients:

[cont...]

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**SODIUM CARBONATE**

ORL	MUS	LD50	6600	mg/kg
ORL	RAT	LD50	4090	mg/kg
SCU	MUS	LD50	2210	mg/kg

**Section 11: Toxicological information**

**QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C8-18-ALKYLDIMETHYL, CHLORIDES**

IVN	MUS	LD50	16	mg/kg
ORL	MUS	LD50	150	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

**Symptoms / routes of exposure**

- Skin contact: Blistering may occur. Progressive ulceration will occur if treatment is not immediate.
- Eye contact: Corneal burns may occur. May cause permanent damage.
- Ingestion: Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.
- Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

**12.1. Toxicity**

Hazardous ingredients:

**QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C8-18-ALKYLDIMETHYL, CHLORIDES**

Daphnia magna	48H EC50	0.016	mg/l
GREEN ALGA ( <i>Selenastrum capricornutum</i> )	72H EC50	0.02	mg/l
RAINBOW TROUT ( <i>Oncorhynchus mykiss</i> )	96H LC50	0.85	mg/l

**12.2. Persistence and degradability**

**Section 12: Ecological information**

Persistence and degradability: Biodegradable.

**12.3. Bioaccumulative potential**

Bioaccumulative potential: No bioaccumulation potential.

**12.4. Mobility in soil**

Mobility: Soluble in water.

**12.5. Results of PBT and vPvB assessment**

[cont...]



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PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 13: Disposal considerations

Section 14: Transport information

14.1. UN number

UN number: UN1759

14.2. UN proper shipping name

Shipping name: CORROSIVE SOLID, N.O.S.

14.3. Transport hazard class(es)

Transport class: 8

14.4. Packing group

Packing group: II

[cont...]

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14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: No

14.6. Special precautions for user

Tunnel code: E

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Transport category: 2

**Section 15: Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Specific regulations: Not applicable.

**15.2. Chemical Safety Assessment**

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**Section 16: Other information**

**Other information**

Other information: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

\* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3:

H226: Flammable liquid and vapour.

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H314: Causes severe skin burns and eye damage.

H319: Causes serious eye irritation.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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