



## Section 1. Product and Company Identification.

**1.1 Model Number;** SCS201 v1  
**1.2 Description;** Rust Remover 500ml

### 1.3 Manufacturer;

Sealey Group.  
Kempson Way,  
Bury St. Edmunds,  
Suffolk.  
IP32 7AR

**1.4 Emergency telephone number;** 44 (0) 1284 757 500 (Office Hours)

**Date of source compilation;** 14 July 2015

## Section 2. Hazards Identification.

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

Skin Corr. 1B

**2.2 Label elements.**

**Hazard pictogram(s)**



**Signal Word.**

Warning

**Hazard statements;**

H302: Harmful if swallowed.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

**Precautionary statements;**

P264: Wash exposed skin thoroughly after handling.

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

P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P302+352: IF ON SKIN: Wash with plenty of water.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.

P321: Specific treatment (see information on this label)

P330: Rinse mouth.

P501: Dispose of contents/container to comply with local, national and international skyline,

**2.3 Other hazards.**

No information available.



### Section 3. Substances.

3.1 Chemical Name (substance)	3.1 CAS No.	3.2 Concentration Volume	Classification	
			Hazard Class & Category Code	Hazard Statements <sup>1</sup>
Orthophosphoric Acid	7664-38-2	10 - 30%	Skin Corr. 1B	H314

<sup>1</sup>For full text of Statements, see Section 16.

### Section 4. First Aid Measures.

#### 4.1 Description of first aid measures

##### Inhalation

Remove casualty from exposure ensuring one's own safety whilst doing so.  
Get medical attention.

##### Skin Contact

Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin.  
Get medical attention if any discomfort continues.

##### Eye Contact

Bathe the eye with running water for 15 minutes.  
If symptoms persist get medical attention

##### Ingestion

Wash out mouth with water.  
Do not induce vomiting.  
If conscious, give half a litre of water to drink immediately.  
Never give anything by mouth to an unconscious person.

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

**Skin contact:** There may be mild irritation at the site of contact.  
**Eye contact:** There may be irritation and redness.  
**Ingestion:** There may be soreness and redness of the mouth and throat.  
**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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

No data available.



## Section 5. Fire Fighting Measures.

### 5.1. 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

In combustion emits toxic fumes.

### 5.3. Advice for fire-fighters

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

## Section 6. Accidental Release Measures.

### 6.1. Personal precautions, protective equipment and emergency procedures

If outside do not approach from downwind and keep bystanders upwind and away from danger point  
Mark out the contaminated area with signs and prevent access to unauthorised personnel.  
Turn leaking containers leak-side up to prevent the escape of liquid.

### 6.2. Environmental precautions

Do not discharge into drains or rivers.  
Contain the spillage using bunding.

### 6.3. Methods and material for containment and cleaning up

Absorb into dry earth or sand.  
Absorb into dry earth or sand.  
Transfer to a closable, labelled salvage container for disposal by an appropriate method.

### 6.4. Reference to other sections

See Section 7 for information on Safe Handling  
See Section 8 for information of Personal Protective Equipment.  
See Section 13 for information on disposal.

## Section 7. Handling and Storage.

### 7.1. Precautions for safe handling

Wear protective gloves/protective clothing/eye protection/face protection.  
Ensure there is sufficient ventilation of the area.  
Do not handle in a confined space.  
Avoid the formation or spread of mists in the air.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in a cool, well ventilated area. Keep container tightly closed.  
Suitable packaging: Polyethylene.  
Must only be kept in original packaging.

### 7.3. Specific end use(s)

Intended for use as Rust Remover: Model Number identified in 1.1 with Description stated in 1.2.



## Section 8. Exposure Controls/Personal Protection.

### 8.1. Control parameters

Workplace exposure limits.

Substance	CAS number	Workplace exposure limit.			
		Long term.		Short term.	
		ppm	mg.m <sup>3</sup>	ppm	mg.m <sup>3</sup>
Orthophosphoric Acid	7664-38-2	-	1	-	2

### 8.2. Exposure controls

#### Appropriate Engineering Controls

Ensure there is sufficient ventilation of the area.

#### Eye/Face Protection

Safety goggles or face shield.

#### Skin Protection

Nitrile Protective gloves.

Wear appropriate protective clothing to prevent contact with skin.

#### Respiratory Protection

In case of inadequate ventilation or risk of inhalation, use suitable respiratory protection equipment with particle filter

## Section 9. Physical and Chemical Properties.

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

**The following information is not a technical specification or sales specification.**

(a) Appearance:	Pink liquid
(b) Odour:	Odourless
(c) Odour threshold;	No data available
(d) pH:	<2
(e) Melting point/freezing point;	No data available
(f) Initial boiling point and boiling range;	>100°C
(g) Flash point;	No data available
(h) Evaporation rate;	No data available
(i) Flammability (solid, gas);	No data available
(j) Upper/lower flammability or explosive limits;	No data available
(k) Vapour pressure;	No data available
(l) Vapour density;	Not relevant
(m) Relative density;	No data available
(n) Solubility(ies);	Soluble in water
(o) Partition coefficient: n-octanol/water;	No data available
(p) Auto-ignition temperature;	No data available
(q) Decomposition temperature;	No data available
(r) Viscosity;	> 20 poise
(s) Explosive properties;	No data available
(t) Oxidising properties.	Oxidising

### 9.2 Other information

No data available



## Section 10. Stability and Reactivity.

<b>10.1.</b> Reactivity	Stable under recommended transport or storage conditions.
<b>10.2.</b> Chemical stability	Stable under normal conditions.
<b>10.3.</b> Possibility of hazardous reactions	Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
<b>10.4.</b> Conditions to avoid	Heat.
<b>10.5.</b> Incompatible materials	Strong oxidizing agents. Strong acids.
<b>10.6.</b> Hazardous decomposition products	In combustion emits toxic fumes.

## Section 11. Toxicological Information.

**11.1.** Information on toxicological effects

### Hazardous ingredients:

**ORTHOPHOSPHORIC ACID (100% concentration)**

ORL	RAT	LD50	1530	mg/kg
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## Section 12. Ecological Information.

**12.1.** Toxicity

Species	Test	Value	Unit
Mosquito/Fish	TLM/24-96hrs in Turb	138	mg/l

<b>12.2.</b> Persistence and degradability	No data available.
<b>12.3.</b> Bioaccumulative potential	No data available.
<b>12.4.</b> Mobility in soil	No data available.
<b>12.5.</b> Results of PBT and vPvB assessment	This product is not identified as a PBT/vPvB substance.
<b>12.6.</b> Other adverse effects	No data available.

## Section 13. Disposal Considerations.

**13.1.** Waste treatment methods

Dispose of in accordance with local authority regulations.



## Section 14. Transport Information.

### ADR. International Carriage of Dangerous Goods by Road.

14.1. UN number	UN 1805
14.2. Name and Description	Phosphoric acid, solution
14.3. Class	8
14.4. Packing group	III
14.5. Environmental hazards	Does not present an environmental hazard.
14.6. Special precautions for user	No special precautions necessary.

### IATA. International Air Transport Association.

14.1. UN number	UN 1805
14.2. UN Proper Shipping Name/Description	Phosphoric acid, solution
14.3. Class or Division	8
14.4. Packing group	III
14.5. Environmental hazards	Does not present an environmental hazard.
14.6. Special precautions for user	No special precautions necessary.

### IMDG. International Maritime Dangerous Goods.

14.1. UN number	UN 1805
14.2. UN proper shipping name	Phosphoric acid, solution
14.3. Class or Division	8
14.4. Packing group	III
14.5. Environmental hazards	Does not present an environmental hazard.
14.6. Special precautions for user	No special precautions necessary.
14.7. Transport in bulk – Maritime only.	Bulk transport is not applicable to this product

## Section 15. Regulatory Information.

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture  
No data available

15.2. Chemical safety assessment  
No data available

## Section 16. Additional Information.

Full text of Phrases and Statements used in Section 3;  
H314 Causes severe skin burns and eye damage.

The above information is believed to be accurate and represents the best information currently available.

No warranty is expressed or implied by the above information.

We assume no liability resulting from use of the above information.

The end user should conduct their own investigations to determine the suitability of the above information for their particular purpose.

Issue level	Date	Revisions
1	06/09/21	First issue.

End of Safety Data Sheet.