



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.



Section 2. Hazards Identification, continued.

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 Weight	Classification	
			Hazard Class & Category Code	Hazard Statements
Orthophosphoric Acid	7664-38-2	10 - 30%	Skin Corr. 1B	H314

For full text of Phrases and 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 information 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

- 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/doctor/ 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. 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 regulations.

Hazardous ingredients:

ORTHOPHOSPHORIC ACID (WEL for 100% concentration)

Workplace exposure limits:

Respirable dust

State	Workplace exposure limits:		Respirable dust	
	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1mg/m ³	2mg/m ³	-	-

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 information available.
(d) pH:	<2
(e) Melting point/freezing point;	No information available.
(f) Initial boiling point and boiling range;	No information available.
(g) Flash point;	No information available.
(h) Evaporation rate;	No information available.
(i) Flammability (solid, gas);	No information available.
(j) Upper/lower flammability or explosive limits;	No information available.
(k) Vapour pressure;	No information available.
(l) Vapour density;	Not relevant.
(m) Relative density;	1.1
(n) Solubility(ies);	Soluble in water.
(o) Partition coefficient: n-octanol/water;	No information available.
(p) Auto-ignition temperature;	No information available.
(q) Decomposition temperature;	No information available.
(r) Viscosity;	> 20 poise.
(s) Explosive properties;	No information available.
(t) Oxidising properties.	Oxidizing.

9.2 Other information

No information available.

Section 10. Stability and Reactivity.

10.1. Reactivity

Stable under recommended transport or storage conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. 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.

10.4. Conditions to avoid

Heat.

10.5. Incompatible materials

Strong oxidizing agents. Strong acids.

10.6. 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

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

15.2. Chemical safety assessment
No information available.

Section 16. Additional Information.

Full text of Phrases and Statements used in Section 3;

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	19/04/16	First issue.
2	13/03/17	Format only.

End of Safety Data Sheet.