

**SAFETY DATA SHEET****Pine-Sol® Multi-Surface Cleaner - Sparkling Wave - US**

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product name Pine-Sol® Multi-Surface Cleaner - Sparkling Wave - US
Product number PS41900US

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

Identified uses All purpose cleaner.
Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier Cbee Europe Ltd
Eton House
2nd Floor
18-24 Paradise Road
Richmond
TW9 1SE, UK
Tel: +44 (0) 208 614 7120
Fax: +44 (0) 208 940 2040
consumerservices@clorox.co.uk

1.4. Emergency telephone number

Emergency telephone +44 (0) 208 614 7120
Monday - Thursday:- 09:00 - 17:30
Friday:- 09:00 - 17:00

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification****Physical hazards**

Not Classified

Health hazards

Eye Irrit. 2 - H319

Environmental hazards

Not Classified

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

Xi; R36

2.2. Label elements**Pictogram****Signal word**

Warning

Pine-Sol® Multi-Surface Cleaner - Sparkling Wave - US**Hazard statements**

H319 Causes serious eye irritation.

Precautionary statements

P102 Keep out of reach of children.

P264 Wash contaminated skin thoroughly after handling.

P280 Wear eye and face protection.

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

P337+P313 If eye irritation persists: Get medical advice/attention.

Detergent labelling

< 5% non-ionic surfactants, < 5% perfumes, Contains D-LIMONENE, CITRONELLOL, BUTYLPHENYL METHYLPROPIONAL, AMYL CINNAMAL, GERANIOL, LINALOOL

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients**3.2. Mixtures**

Alcohols, C10-14, ethoxylated		1 - <2.5%
CAS number: 66455-15-0 EC number: —		
Classification	Classification (67/548/EEC or 1999/45/EC)	
Eye Irrit. 2 - H319	Xi; R36/37	
STOT SE 3 - H335		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation**

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

Ingestion

Rinse mouth thoroughly with water. Give plenty of water to drink. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

Skin contact

Wash skin thoroughly with soap and water.

Eye contact

Remove any contact lenses and open eyelids wide apart. Continue to rinse.

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

Irritation of nose, throat and airway.

Ingestion

May cause discomfort if swallowed.

Skin contact

Prolonged skin contact may cause redness and irritation.

Eye contact

Irritation of eyes and mucous membranes. Prolonged contact may cause redness and/or tearing.

4.3. Indication of any immediate medical attention and special treatment needed**Notes for the doctor**

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Pine-Sol® Multi-Surface Cleaner - Sparkling Wave - US**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture**Hazardous combustion products**

Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Toxic gases or vapours.

5.3. Advice for firefighters**Special protective equipment for firefighters**

Use protective equipment appropriate for surrounding materials.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****Personal precautions**

Avoid contact with eyes and prolonged skin contact. Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions**Environmental precautions**

Avoid discharge into drains or watercourses or onto the ground.

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

Absorb in vermiculite, dry sand or earth and place into containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

6.4. Reference to other sections**Reference to other sections**

See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

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

Read and follow manufacturer's recommendations.

Advice on general occupational hygiene

Avoid contact with eyes and prolonged skin contact.

7.2. Conditions for safe storage, including any incompatibilities**Storage precautions**

Store in a cool and well-ventilated place.

7.3. Specific end use(s)**Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection**8.1. Control parameters****Occupational exposure limits****Ingredient comments**

Pine-Sol® Multi-Surface Cleaner - Sparkling Wave - US

No exposure limits known for ingredient(s).

8.2. Exposure controls

Eye/face protection

Wear chemical splash goggles.

Hand protection

No specific hand protection recommended.

Hygiene measures

No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Clear liquid.

Colour

Blue.

Odour

Citrus. Floral.

Odour threshold

Not determined.

pH

pH (concentrated solution): 10 - 11

Melting point

Not relevant.

Initial boiling point and range

Not determined.

Flash point

> 93°C CC (Closed cup).

Evaporation rate

Not determined.

Evaporation factor

Not determined.

Flammability (solid, gas)

Not relevant.

Upper/lower flammability or explosive limits

Not relevant.

Vapour pressure

Not determined.

Vapour density

Not relevant.

Relative density

Not determined.

Bulk density

Not determined.

Solubility(ies)

Soluble in water.

Partition coefficient

Not determined.

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Auto-ignition temperature

Not relevant.

Decomposition Temperature

Not relevant.

Viscosity

30 cP @ 40°C

Explosive properties

Not considered to be explosive.

Oxidising properties

The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising.

9.2. Other information

Other information

No information required.

SECTION 10: Stability and reactivity

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability

Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Will not polymerise.

10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials to avoid

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

None at ambient temperatures. Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Oxides of nitrogen.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Based on available data the classification criteria are not met.

Acute toxicity - dermal

Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Based on available data the classification criteria are not met.

Skin corrosion/irritation

Animal data

Based on available data the classification criteria are not met.

Serious eye damage/irritation

Eye Irrit. 2 - H319 May cause severe eye irritation.

Respiratory sensitisation

Based on available data the classification criteria are not met.

Pine-Sol® Multi-Surface Cleaner - Sparkling Wave - US**Skin sensitisation**

Based on available data the classification criteria are not met.

Germ cell mutagenicity**Genotoxicity - in vitro**

Based on available data the classification criteria are not met.

Genotoxicity - in vivo

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data the classification criteria are not met.

Reproductive toxicity**Reproductive toxicity - fertility**

Based on available data the classification criteria are not met.

Reproductive toxicity - development

Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure**STOT - single exposure**

Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure**STOT - repeated exposure**

Based on available data the classification criteria are not met.

Aspiration hazard

Not anticipated to present an aspiration hazard, based on chemical structure.

Toxicological information on ingredients.**Alcohols, C10-14, ethoxylated****Acute toxicity - oral****Acute toxicity oral (LD50 mg/kg)**

3,740.0

Species

Rat

Based on available data the classification criteria are not met.

ATE oral (mg/kg)

3,740.0

Acute toxicity - dermal**Acute toxicity dermal (LD50 mg/kg)**

4300.0

Species

Rabbit

Based on available data the classification criteria are not met.

ATE dermal (mg/kg)

4300.0

Serious eye damage/irritation

Eye Irrit. 2 - H319

Specific target organ toxicity - single exposure**STOT - single exposure**

STOT SE 3 - H335

SECTION 12: Ecological Information

Pine-Sol® Multi-Surface Cleaner - Sparkling Wave - US**12.1. Toxicity**

Not considered toxic to fish.

Ecological information on ingredients.**Alcohols, C10-14, ethoxylated****Acute toxicity - fish**

LC₅₀, 96 hours: 0.805 mg/l, Brachydanio rerio (Zebra Fish) REACH dossier information.

Acute toxicity - aquatic invertebrates

EC₅₀, 48 hours: 0.634 mg/l, Daphnia magna REACH dossier information.

Acute toxicity - aquatic plants

EC₅₀, 72 hours: 0.692 mg/l, Pseudokirchneriella subcapitata REACH dossier information.

Acute toxicity - microorganisms

EC₅₀, 3 hours: 46 mg/l, Activated sludge REACH dossier information.

12.2. Persistence and degradability**Persistence and degradability**

The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.

Ecological information on ingredients.**Alcohols, C10-14, ethoxylated****Biodegradation**

Water - Degradation (81%): 28 days REACH dossier information.

12.3. Bioaccumulative potential

No data available on bioaccumulation.

Partition coefficient

Not determined.

12.4. Mobility in soil**Mobility**

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Not relevant.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****General information**

Dispose of waste product or used containers in accordance with local regulations

SECTION 14: Transport information**General**

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

Pine-Sol® Multi-Surface Cleaner - Sparkling Wave - US**14.3. Transport hazard class(es)**

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

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

EH40/2005 Workplace exposure limits.

EU legislation

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended)

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information**Classification procedures according to Regulation (EC) 1272/2008**

Eye Irrit. 2 - H319: Calculation method.

Revision comments

Classification according to CLP Annex I.

Revision date 16/05/2014

Revision 4

Supersedes date 01/01/2012

SDS number 191

Risk phrases in full

R36 Irritating to eyes.

R36/37 Irritating to eyes and respiratory system.

Hazard statements in full

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

Pine-Sol® Multi-Surface Cleaner - Sparkling Wave - US**Disclaimer**

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