



Cleaning Chemicals  
& Hygiene Specialists

## Product Information



- Colour activation efficacy system
- Non-corrosive
- Multi-purpose cleaner & disinfectant
- Rapid acting high level disinfectant
- Kills broad range of pathogens including C.difficile (027 spores) in 30 seconds

### Product Description:

Peracide™ is a broad spectrum biocide, reacting to produce peracetic acid in-situ which is a high level disinfectant that boasts strong, oxidizing properties. Peracide™ is extremely effective against a wide range of healthcare-associated pathogens including spore forming Clostridium difficile, MRSA, Norovirus, Legionella, E.coli, etc. and will work to destroy established biofilms.

Peracide™ is both safe to use and environmentally friendly and is suitable for high level sanitising and disinfecting on porous and non-porous surfaces. Unlike other disinfectants Peracide™ is unaffected by organic matter. Upon breakdown Peracide™ is completely bio-degradable producing carbon dioxide, water, and oxygen.

### Dilutions:

Refer to the Peracide™ dilution guide for full instructions

### Application:

Insert the appropriate amount of tablets into water and wait for the tablets to dissolve and the solution colour to change (refer to the colour guide). Peracide can be used to sanitise a variety of hard surfaces including floors, beds, office equipment, washrooms etc. Peracide can also be used to disinfect a variety of instruments and medical equipment, etc.

### Test Certificates:

BSEN 1276	<i>E.coli</i> , <i>S.aureus</i> and <i>E.hirae</i>	Abbot Analytical
BSEN 13623	<i>Legionella pneumophila</i>	Abbot Analytical
BSEN 13704	<i>Clostridium difficile</i> 027 Spores	NHS UCLH
BSEN 14675	Norovirus	BluTest
BSEN 1276	MRSA, <i>Klebsiella pneumonia</i> , <i>Pseudomonas aeruginosa</i>	NHS UCLH
ASTM E2197	<i>Clostridium difficile</i>	NHS UCLH
DEFRA	General Orders England, Scotland & Wales	Defra Disinfectant Approvals

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### Useful Information:

**Product Characteristics:** Spotty Coloured Tablet

**Storage:** Store container in a dry and cool place

**Availability:** Tubs of 200 x 3g or 100 x 6g tablets packed

**Composition:** Based on TAED, sodium percarbonate, adipic acid, dye and perfume

*For any further information on this product or any other Sky Chemicals product, please contact us and we will be more than willing to help.*

# Safety Data

## 1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

### 1.1) Product identifier

**Product Name:** Peracide – Peracetic Acid in situ

**Date Updated:** 05/03/2018

**1.2) Relevant identified uses of the substance or mixture and uses advised against:** None known

**Use of substance / mixture:** Industrial/professional use only

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

**Company name:** SKY CHEMICALS (UK) LTD, UNIT 12, SHEFFIELD DESIGN STUDIOS, 40 BALL STREET, SHEFFIELD, S3 8DB

**Tel:** 0114 2780222

**Fax:** 0114 2727750

**Email:** info@skychemicals.co.uk

### 1.4) Emergency telephone number

**Emergency tel:** 0114 278 0222 (in office hour only)

## 2. HAZARDS IDENTIFICATION

### 2.1) Classification of the substance or mixture

**Classification under CLP:** Acute Tox. 4: H302; Eye Dam. 1: H318; EUH208

**Most important adverse effects:** Contains perfume: may produce an allergic reaction. Harmful if swallowed. Causes serious eye damage.

### 2.2) Label elements

**Hazard statements EUH208:** Contains perfume: May produce an allergic reaction. H302: Harmful if swallowed. H318: Causes serious eye damage.

**Signal words:** Danger

**Hazard pictograms:**



**Precautionary statements:** P264: Wash hands 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. P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P330: Rinse mouth.

### Other hazards

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

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1) Substances:

### 3.2) Mixtures

SODIUM PERCARBONATE

EC	CAS	PBT/WEL	CLP Classification	Percent
-	15630-89-4	-	Ox. Sol. 2: H272; Acute Tox. 4: H302; Eye Dam. 1: H318	50-70%

ADIPIC ACID

EC	CAS	PBT/WEL	CLP Classification	Percent
204-673-3	124-04-9	-	-	10-13%

## 4. FIRST AID MEASURES

### 4.1) Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water. Eye contact: Bathe the eye with running water for 15 minutes. Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible. Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor

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

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat.

Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** Not likely in normal use.

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

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

**Immediate / special treatment:** Not applicable.

## 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

**Exposure hazards:** In combustion emits toxic fumes.

**5.3) Advice for fire-fighters:** Wear protective clothing to prevent contact with skin and eyes. Fires in closed or confined spaces should be tackled by trained personnel who should wear breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1) Personal precautions, protective equipment and emergency procedures:

Refer to section 8 of SDS for personal protection details. 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

**Clean-up procedures:** 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:

Refer to section 8 of SDS.

## 7. HANDLING AND STORAGE

### 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 mists in the air.

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

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

**Suitable packaging:** Original packaging

**7.3) Specific end use(s):** Industrial/ professional use only

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1) Control parameters

**Workplace exposure limits:**

PINE OIL

State	8 hour TWA	15min. STEL	8 hour TWA	15 min STEL
UK	560 mg/m3	-	-	-

### ORANGE TERPENES

UK	100 ppm	150 ppm 10 minutes	-	-

**DNEL/PNEC Values:** No data available.

### 8.2) Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Impermeable gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Impermeable protective clothing.

**Environmental:** No special requirement.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

**State:** Liquid

**Colour:** Yellow/orange

**Odour:** Characteristic / Perfumed

**Evaporation rate:** N/A

**Solubility in water:** Soluble

**Viscosity:** Viscous

**Boiling point/range°C:** 100°C

**Flash point/Rang°C:** No data available

# Safety Data

pH: 6 - 9

9.2) Other information: No data available

## 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:** 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. Hot surfaces.

10.5) Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids.

10.6) Hazardous decomposition products: In combustion emits toxic fumes.

## 11. TOXICOLOGICAL INFORMATION

11.1) Information on toxicological effects

**Hazardous ingredients:**

PINE OIL

DERMAL	RBT	LD50	>5000	mg/kg
ORAL	RAT	LD50	>3200	mg/kg

ORANGE TERPENES

DERMAL	RBT	LD50	>2000	mg/kg
ORAL	RAT	LD50	4400	mg/kg

**Relevant hazards for product:**

Effect	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	DRM	Hazardous: calculated

**Symptoms / routes of exposure**

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** Not likely in normal use.

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

## 12. ECOLOGICAL INFORMATION

12.1) Toxicity

**Ecotoxicity values:**

PINE OIL

ALGAE	72H EC50	68	mg/l
DAPHNIA	48H EC50	73	mg/l
FISH	96H LC50	68-80	mg/l

12.2) Persistence and degradability: Not biodegradable.

12.3) Bioaccumulative potential: Bioaccumulation potential.

12.4) Mobility in soil: Readily absorbed into soil.

12.5) Results of PBT and vPvB assessment

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

12.6) Other adverse effects: Toxic to aquatic organisms. Toxic to soil organisms.

## 13. DISPOSAL CONSIDERATIONS

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. Rinse out empty containers at least twice with water and recycle if facilities exist or dispose of as commercial waste.

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

## 14. TRANSPORT INFORMATION

14.1) UN number: N/A

14.2) UN proper shipping name: This product does not require a classification for transport.

14.3) Transport hazard class(es): N/A

14.4) Packing group: N/A

14.5) Environmental hazards

**Environmentally hazardous:** N/A

**Marine pollutant:** N/A

14.6) Special precautions for user

**Special precautions:** N/A

**Tunnel code:** N/A

**Transport category:** N/A

## 15. REGULATORY INFORMATION

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

**Specific regulations:** No information available

15.2) Chemical Safety Assessment: No information available

## 16. OTHER INFORMATION

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

**Phrases used in s.2 and s.3:**

H208: Contains orange terpenes. May produce an allergic reaction.

H226: Flammable liquid and vapour.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H411: 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.