

## SAFETY DATA SHEET

### ARCO ESSENTIALS PINE DISINFECTANT

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Compilation date: 31/01/2017

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Revision No: 2

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

##### 1.1. Product identifier

**Product name:** ARCO ESSENTIALS PINE DISINFECTANT

**Product code:** 5540015

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

**Use of substance / mixture:** PC8: Biocidal products (e.g. Disinfectants, pest control). Disinfectant to British Standard 6424, group QAP30. Suitable for all surfaces EXCEPT direct raw food preparation areas.  
FOR PROFESSIONAL USE ONLY.

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

**Company name:** ARCO LTD  
P.O. Box 21  
Waverley Street  
HULL  
East Yorkshire  
HU1 2SJ

**Tel:** 01482 222522

**Fax:** 01482 218536

**Email:** [sales@arco.co.uk](mailto:sales@arco.co.uk)

##### 1.4. Emergency telephone number

**Emergency tel:** 01482 320432  
(office hours only)

**Manufacturer:** Multex Chemicals Ltd.  
Multex House  
Cannon Street  
HULL  
East Yorkshire  
HU2 OAB

**Tel:** 01482 320432

**Fax:** 01482 321777

**Email:** [sales@multexchemicals.co.uk](mailto:sales@multexchemicals.co.uk)

#### Section 2: Hazards identification

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

**Classification under CLP:** This product has no classification under CLP.

[cont...]

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**2.2. Label elements**

**Label elements:**

**Precautionary statements:** P264: Wash contaminated skin thoroughly after handling.  
P262: Do not get in eyes, on skin, or on clothing.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P102: Keep out of reach of children.

**2.3. Other hazards**

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

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

**3.2. Mixtures**

**Hazardous ingredients:**

QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14 -ALKYLDIMETHYL, CHLORIDES - REACH registered number(s): 01-2119970550-39-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
270-325-2	68424-85-1	-	Acute Tox. 4: H302; Acute Tox. 4: H312; Skin Corr. 1B: H314; Aquatic Acute 1: H400	<1%

**Section 4: First aid measures**

**4.1. Description of first aid measures**

**Skin contact:** Wash immediately with plenty of soap and water. If irritation persists seek medical advice.

**Eye contact:** Remove Contact Lenses. Bathe the eye with running water for 15 minutes. If irritation persists seek medical advice

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If patient continues to feel unwell, seek medical advice.

**Inhalation:** Significant levels of harmful fumes are not normally released. Get medical attention if any discomfort continues

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

**Skin contact:** There may be mild irritation at the site of contact. May cause skin dryness or cracking with repeated exposure.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat. Nausea and stomach pain may occur.

**Inhalation:** Harmful fumes are not normally present.

[cont...]

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

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

**Section 5: Fire-fighting measures**

**5.1. Extinguishing media**

**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**

**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**

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

**6.2. Environmental precautions**

**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:** Mop up spillage. Wash the spillage site with large amounts of water. Rinse residues away to foul water drain only.

**6.4. Reference to other sections**

**Reference to other sections:** Refer to section 8 of SDS. Refer to section 13 of SDS.

**Section 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.

**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)**

**Specific end use(s):** PC8: Biocidal products (e.g. Disinfectants, pest control).

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

[cont...]

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**8.1. Control parameters**

**Workplace exposure limits:** No data available.

**DNEL/PNEC Values**

**DNEL / PNEC** No data available.

**8.2. Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure all engineering measures mentioned in section 7 of SDS are in place.

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

**Hand protection:** Protective gloves.

**Eye protection:** If there is a risk of splashes Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

**Environmental:** Ensure all engineering measures mentioned in section 7 of SDS are in place.

**Section 9: Physical and chemical properties**

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

**State:** Liquid

**Colour:** Green

**Odour:** Pine

**Solubility in water:** Miscible in all proportions

**Viscosity:** Non-viscous

**Relative density:** About 1.0

**pH:** Neutral

**9.2. Other information**

**Other information:** No data available.

**Section 10: Stability and reactivity**

**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.  
Decomposition may occur on exposure to conditions or materials listed below.

**10.4. Conditions to avoid**

**Conditions to avoid:** Heat. Direct sunlight.

**10.5. Incompatible materials**

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

[cont...]

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**10.6. Hazardous decomposition products**

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

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Hazardous ingredients:**

**QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14 -ALKYLDIMETHYL, CHLORIDES**

DERMAL	RAT	LD50	1560	mg/kg
ORAL	RAT	LD50	200-2000	mg/kg

**Toxicity values:** No data available.

**Symptoms / routes of exposure**

**Skin contact:** There may be mild irritation at the site of contact. May cause skin dryness or cracking with repeated exposure.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat. Nausea and stomach pain may occur.

**Inhalation:** Harmful fumes are not normally present.

**Section 12: Ecological information**

**12.1. Toxicity**

**Hazardous ingredients:**

**QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14 -ALKYLDIMETHYL, CHLORIDES**

ALGAE	48H EC50	0.06	mg/l
DAPHNIA	48H EC50	0.02	mg/l
FISH	96H LC50	0.85-1.2	mg/l

**12.2. Persistence and degradability**

**Persistence and degradability:** Biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No bioaccumulation potential.

**12.4. Mobility in soil**

**Mobility:** Readily absorbed into soil. Soluble in water.

**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**

**Other adverse effects:** Negligible ecotoxicity.

[cont...]

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**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal operations:** Dispose of waste and residues in accordance with local authority requirements. For small amounts Used or surplus material may be discharged to a sewage drain with large volumes of water.

**Disposal of packaging:** Clean with water. Dispose of as normal industrial waste. Packaging is recyclable.

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

**Section 14: Transport information**

**Transport class:** This product does not require a classification for transport.

**Section 15: Regulatory information**

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

**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:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

**Phrases used in s.2 and s.3:** H302: Harmful if swallowed.  
H312: Harmful in contact with skin.  
H314: Causes severe skin burns and eye damage.  
H400: Very toxic to aquatic life.

**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.