



# MATERIAL SAFETY DATA SHEET

8<sup>TH</sup> December, 2020

## PINE DISINFECTANT

### SECTION 1: IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY

#### 1.1 Product Identification

Pine Disinfectant

#### 1.2 Intended use

General Disinfectant

#### 1.3 Emergency Contact Details

**Supplier:** R.K. & J. Jones Limited  
**Address:** Southery Road, Feltwell  
 Thetford, Norfolk, IP26 4EH, UK.  
**Telephone:** 01842 828101  
**Fax:** 01842 828171  
**Email:** [sales@birdbrand.co.uk](mailto:sales@birdbrand.co.uk)

#### 1.4 Emergency Telephone Number

**Emergency telephone number:** 01223 968282

### SECTION 2: HAZARD IDENTIFICATION

#### 2.1 Classification of the substance or mixture according to 1999/45/EC

2.1.1 Classification – 1999/45/EC SKIN IRRITANTAT.2 H315

Main Hazards Irritation to skin

#### 2.2 Label Elements Labelling according to 1999/45/EC Symbols



**Signal Word**  
**Hazard Statement**

**Warning**  
 H315-Causes skin irritation

**Precautionary Statement:**  
**Prevention**

P 102-KEEP OUT OF REACH OF CHILDREN  
 P 15- Restricted to Professional Users

P301+P330+P331- IF SWALLOWED: Rinse mouth. Do Not induce vomiting.  
 P302+352- IF ON SKIN: gently wash with plenty of water.  
 P332 +P313-If skin irritation occurs: Get medical advice/attention

**Precautionary Statement:  
Response**

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.  
P501-Dispose of contents/container to an appropriate local waste system.

**2.3 Other Hazards**

Not classified as PBT or vPvB

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Name	Range	EC No	CAS No	Reach No/Submission No	Classification according to 67/548/EEC
Decan-1-OL, Ethoxylated	1-5%	500-046-6	26183-52-8		H318; H302
Pine Oil	1-5%	304-455-9	8002-09-3		H315
Quaternary Ammonium Compounds, Benzyl-C18-Alkyldimethyl, Chlorides	5-10%	270-325-2	68424-85-1		H302; H312; H314; H400
Tetrasodium EDTA	.01-1%	200-573-9	64-02-8	01-2119486762-27	H302; H332; H318

The Full text for all R-Phrases and Hazard Statements is displayed in Section 16

**SECTION 4: FIRST AID MEASURES****4.1 Description of first aid measures neat product**

Inhalation	If you feel unwell, seek medical advice (show the label where possible). In case of accident by inhalation: remove casualty to fresh air and keep at rest. Rinse immediately with plenty of water for 15 minutes. Rinse immediately with plenty of water
Eye contact	
Skin Contact	
Ingestion	DO NOT INDUCE VOMITING. Drink 1 to 2 glasses of water. if swallowed, rinse mouth with water (only if person is conscious)

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

Inhalation	Inhalation may cause nausea and vomiting.
Eye contact	Irritating to eyes
Skin Contact	Irritating to skin
Ingestion	Ingestion may cause nausea and vomiting

Prolonged or repeated exposure to the skin may lead to irritation.  
If mixture comes into contact with eyes may cause transient stinging.

If ingested, the mixture will lead to irritation of the mouth and upper digestive tract.  
If significant quantities (>50ml) are ingested, then nausea and vomiting may occur.

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

Inhalation	If you feel unwell, seek medical advice (show label where possible) remove the effected person from the source of contamination immediately.
Eye contact	Irritating to eyes. Bathe the eye with running water for 15 minutes. Remove contact lenses, if present and easy to do.
Skin Contact	Irritating to skin. Rinse immediately with plenty of water.
Ingestion	Ingestion may cause nausea and vomiting, Rinse mouth thoroughly. Drink 1 to 2 glasses of water

#### General Information

Avoid contact with eyes and skin. in case of accident or if you feel unwell seek medical advice immediately (show label where possible)

## **SECTION 5: FIRE FIGHTING MEASURES**

### **5.1 Extinguishing media**

Water Spray

### **5.2 Special hazards arising from the substance or mixture**

Carbon Dioxide (CO<sub>2</sub>), Irritating Gases or Vapours

### **5.3 Advice for fire fighters**

In case of fire of large quantities, (SCBA) self-contained breathing apparatus and protective clothing should be worn.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### **6.1 Personal Precautions, Protective equipment and emergency procedures**

Avoid contact with eyes. Avoid prolonged skin contact. Keep out of reach of children.

### **6.2 Environmental Precautions**

Advise local authorities if large spills cannot be contained.

### **6.3 Methods and materials containment and cleaning up**

#### **Small spills (less than 6 bottles)**

Wipe or mop up the spilled liquid with inert absorbent material and dispose in accordance with normal waste disposal measures. (Small spillages under 5 litres flush away with plenty of water.)

#### **Large spills (greater than 6 bottles)**

Contain the spilled liquid with sand or other inert absorbent material. Transfer used material to a suitable waste container and dispose of in accordance with local regulations. (Larger Spillage absorb with inert, absorbent material. Collect and place in suitable waste disposal containers and seal securely.)

### **6.4 Reference to other sections**

For Personal Protection see sections 8 & for Waste Disposal see Section 13

## **SECTION 7: HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

Adopt best manual handling consideration when handling, carrying and dispensing. Avoid contact with eyes. Avoid prolonged contact with skin. Use only as directed. Keep out of reach of children. Rinse and dry hands after use. Do not allow pets to walk on treated surfaces until dry, or lick surfaces that have been sprayed with mixture.

**7.2 Conditions for safe storage, including any incompatibilities**

Store in original container. Keep in a cool place out of the reach of children and pets.

**7.3 Specific end use(s)**

For the cleaning/disinfecting of dirty floor surfaces and general disinfecting.

**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION****8.1 Control parameters.**

No data is available on this product.

**8.1.1 Exposure Limit Values**

WEL 8hr limit ppm:

WEL 8-hr limit mg/m3:

WEL 15 min limit ppm: 2mg/m3

WEL 15 min limit mg/m3

**8.2 Exposure controls****8.2.1 Appropriate engineering Controls**

Not relevant

**8.2.2 Individual protection measures**

Avoid contact with eyes and skin. Wear suitable gloves and eye face protection

**Personal protective equipment:****Eye/Face Protection**

None during normal use. Avoid prolonged contact.

**Skin Protection**

Rubber Gloves

**Hand Protection**

Wear Suitable Gloves

**Skin protection – other**

Avoid contact with eyes and skin. Wear suitable gloves and eye face protection

**Respiratory protection**

Not normally required

**Thermal hazards**

Not applicable

**8.2.3 Environmental exposure controls:**

Not normally required

**Occupational Exposure controls:**

Not normally required

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.**

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

State	LIQUID
Colour	AMBER
Odour	CHARACTERISTIC
pH	7-8 (undiluted at 20 deg C)
Melting point	NOT APPLICABLE
Freezing point	-4
Boiling point	105 deg C
Flash point	NOT APPLICABLE
Evaporation rate	NOT APPLICABLE
Flammability limits	NOT APPLICABLE
Vapour flammability	NOT APPLICABLE
Vapour pressure	NOT APPLICABLE
Vapour density	-1
Relative density	1
Fat solubility	NOT APPLICABLE
Partition coefficient	NOT APPLICABLE
Autoignition temperature	NOT RELEVANT
Explosive	NOT APPLICABLE
Oxidising	NOT APPLICABLE
Solubility	NOT APPLICABLE
Viscosity:	30-200 flow cup seconds (at 20 deg C)
Explosive properties:	Mixture does not contain substances directly added or produced by reactions that are classified as explosive.
Oxidising properties:	Mixture does not contain substances directly added or produced by reactions that are classified as oxidising.

**9.2 Other information**

Conductivity	NOT APPLICABLE
Surface tension	NOT APPLICABLE
Gas group	CHLORINE
Benzene content	NOT APPLICABLE
Lead content	NOT APPLICABLE
VOC	NOT APPLICABLE
(volatile organic compounds)	

**SECTION 10: STABILITY AND REACTIVITY****10.1 Reactivity**

Stable under cool, dry conditions. No dangerous reactions known

**10.2 Chemical stability**

Do not allow to freeze. Stable under cool, dry conditions.

**10.3 Possibility of hazardous reactions**

See sections 10.1, 10.4, 10.5

**10.4 Conditions to avoid**

Avoid extreme temperatures, There are no known conditional that are likely to result in hazardous situations

**10.5 Incompatible materials**

Avoid contact with strong acids, strong bases or oxidising agents. No specific material or group of material is likely to react with the product to produce a hazardous situation

**10.6 Hazardous decomposition****Products**

No known hazardous decomposition products. Fumes containing carbon dioxide, carbon monoxide and sulphur dioxide may be found in large fires.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects****Acute Toxicity****Oral**

Mixture is not classified for acute oral toxicity by conventional classification.

**Dermal:**

Mixture does not contain any substances classified as acutely toxic by dermal route.

**Inhalation:**

Mixture does not contain any substances classified as acutely toxic by inhalation.

**Irritation**

**Dermal:** Mixture is not classified as irritating to skin by conventional classification.

**Eye:** Mixture is not classified as irritating to eyes by conventional classification.

**Corrosively**

**Dermal:** Mixture is not classified as corrosive by conventional classification or pH.

**Eye:** Mixture is not classified as corrosive by conventional classification or pH.

**Sensitisation**

**Dermal:** Mixture contains materials classified as Alleged Allergens. Mixture will be labelled with these materials in accordance with Detergents Regulations (648/2004/EC)

**Inhalation:** Mixture does not contain any substances classified as Respiratory Sensitisers.

**Specific Target Organ Toxicity – Single Exposure**

**Oral:** Mixture does not contain any substances classified as STOT – SE by any route of exposure.

**Dermal:** Mixture does not contain any substances classified as STOT – SE by any route of exposure.

**Inhalation:** Mixture does not contain any substances classified as STOT – SE by any route of exposure.

**Specific Target Organ Toxicity – Repeated Exposure**

**Oral:** Mixture does not contain any substances classified as STOT – RE by any route of exposure.

**Dermal:** Mixture does not contain any substances classified as STOT – RE by any route of exposure.

**Inhalation:** Mixture does not contain any substances classified as STOT – RE by any route of exposure.

**Aspiration Toxicity:** Mixture does not contain any substances classified as aspirational toxins by conventional calculations.

**Carcinogenicity:** Mixture does not contain any substances classified as carcinogens.

**Mutagenicity:** Mixture does not contain any substances classified as mutagens.

**Toxic for reproduction:** Mixture is not classified as toxic for reproduction by conventional calculation.

**Other information:** None

**SECTION 12 : ECOLOGICAL INFORMATION**

**12.1 Toxicity** No Data available. Aquatic Toxicity data provided by Raw Material manufacturers where provided can be made available

**12.2 Persistence and degradability** Readily biodegradable. The Surfactant(s) contained in this product complies (comply) with biodegradability criteria as laid down in regulation (EC) No. 648/2004 on detergents

**12.3 Bioaccumulative potential** Does not bioaccumulate.

**12.4 Mobility in soil** Not Known

**12.5 Results of PBT and vPvB** DNEL: Derived no effect level

**Assessment.**

**12.6 Other** DNEL: Derived no effect level

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

Discharge used solutions to drain. Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Large volumes must be sent for disposal as special waste. Rinse out empty container with water and consign to normal waste.

General Information:

This product is considered as non hazardous

Disposal Methods:

Local and National regulations. This material and its container must be disposed of in a safe way.

Disposal of Packaging:

Empty containers can be cleaned with water. Empty containers can be sent for disposal or recycling

**SECTION 14 : TRANSPORT INFORMATION****Land Transport (ADR/RID)**

Not classified as dangerous goods for transport

**Sea Transport (IMDG Code)**

Not classified as dangerous goods for transport

**Air Transport (ICAO-IATA)**

Not classified as dangerous goods for transport

**SECTION 15 : REGULATORY INFORMATION****15.1 Safety, health and environment regulations/legislation specific for the substance or mixture.**

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemical Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directive 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) establishing a European Chemical Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC and 2000/21/EC Dangerous Preparations Directive 1999/45/EEC

**15.2 Chemical safety assessment**

No data is available on this product

**SECTION 16: OTHER INFORMATION**

Text of risk phrases in Section 3

**H315-CAUSES SKIN IRRITATION**  
**H400-VERY TOXIC TO AQUATIC LIFE.**  
**H318-CAUSES SERIOUS EYE DAMAGE**  
**H302- HARMFUL IF SWALLOWED**  
**H312- HARMFUL IN CONTACT WITH SKIN**  
**H314- CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.**

**GENERAL INFORMATION**

The product is not classified as dangerous for transport. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy.

**FURTHER INFORMATION**

The information contained in this data sheet is, to the best of our knowledge and belief, accurate and is based upon our technical knowledge of the product and the date of issue. No warranty or representation, express or implied, is made as to its accuracy, reliability, or completeness.

**R.K.& J. JONES LTD WILL NOT BE RESPONSIBLE FOR ANY DAMAGE OR INJURY RESULTING FROM ANY INHERENT HAZARD OF THE MATERIAL, THE ABNORMAL USE OF THE MATERIAL OR FROM FAILURE TO ADHERE TO RECOMMENDATION.**

**Disclaimer:**

If this product is re-distributed and re-formulated for sale, details of its hazards and recommended methods for safe handling must be passed to customers. Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customer's responsibility to ensure that a suitable and sufficient assessment of the risks created by a work activity using this product is undertaken before this product is used.

**Note:** The information contained in this Safety Data Sheet does not constitute the users own assessment of workplace risk as required by other Health & Safety Legislation (e.g. the Health and Safety at Work Act, 1974; the Control of Substances Hazardous to Health Regulations, 1988). The data given here is based on current knowledge and experience. The purpose of this data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regards to the product's properties.