



**MATERIAL  
SAFETY  
DATA SHEET**  
Revised 22<sup>nd</sup> March 2009.

## BIRD BRAND WOOD PRESERVER

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

**Product/Material:** SOLVENT BASED WOOD PRESERVER  
**Supplier:** R.K. & J. Jones Limited  
**Address:** Southery Road, Feltwell  
 Thetford, Norfolk, IP26 4EH, UK.  
**Telephone:** 01842 828101

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>NAME</u>	<u>EC NO.</u>	<u>CAS-NO.</u>	<u>CONTENT</u>	<u>CLASSIFICATION</u>
Kerosine (petroleum) Straight run kerosene		8008-20-6	60-100%	Xn,R65.N;R51/53.R10,R66
Pigment colourants (coloured variants)			5-10%	
Propiconazole		60207-90-1	<1%	Xn,R22.N;R50/53. R43

The full text for all R-Phrases are displayed in section 16.

#### COMPOSITION COMMENTS

### SECTION 3: HAZARDS IDENTIFICATION

Flammable. Repeated exposure may cause skin dryness or cracking. Harmful: may cause lung damage if swallowed. Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

CLASSIFICATION Xn;R65. N;R51/53. R10, R66.

### SECTION 4: FIRST AID MEASURES

**General Information:** Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

**Inhalation:** Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

**Ingestion:** DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Drink plenty of water. Get medical attention immediately! Provide rest, warmth and fresh air.

**Skin Contact:** Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

**Eye Contact:** Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention. Get prompt medical attention.

## SECTION 5 : FIRE FIGHTING MEASURES

**Extinguishing Media:** Fire can be extinguished using: Foam. Dry chemicals, sand, dolomite etc. Water spray, fog or mist. DO NOT use direct water jet as this will scatter and spread the fire.

**Specific Fire Fighting Procedures:** Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

**Unusual Fire & Explosion Hazards:** Vapours are heavier than air and may spread near ground to sources of ignition. May travel considerable distance to source of ignition and flash back. May form explosive mixture with air particularly with in empty un-cleaned receptacles.

**Protective measures in fire:** Wear self-contained breathing apparatus and full protective clothing.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Ventilate area. Avoid breathing vapours. Remove all sources of ignition. Wear suitable protective clothing as specified under section 8 of this Safety data sheet – Exposure Controls and Personal Protection.

**Environmental Precautions:** Do not allow spilled material to enter drains or water courses.

**Spill Clean Up Methods:** Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Dispose of in accordance with Local Authority Regulations via a licensed waste carrier. Do not contaminate water sources or sewer.

## SECTION 7 : HANDLING AND STORAGE

**Usage Precautions:** Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ensure adequate ventilation during spraying or wear appropriate respirator during such operations. Do not use on internal timbers.

**Storage Precautions:** Store in tightly closed original container in a cool, dry well-ventilated place. Keep in original container.

**Storage Class:** Flammable Liquid storage.

## SECTION 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Name</u>	<u>STD</u>	<u>Lt-ppm</u>	<u>LT-mg/m3</u>	<u>ST-ppm</u>	<u>ST-mg/m3</u>
Kerosine(petroleum) straight Run kerosene.	WEL		600 mg/m3		

### Protective Equipment



**PROCESS CONDITIONS FOR OUTDOOR USE ONLY.****Ingredient Comments****WEL= Workplace Exposure Limits.**

<b>Engineering Measures:</b>	Provide adequate general and local exhaust ventilation.
<b>Respiratory Equipment:</b>	No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Occupational Exposure Limit.
<b>Hand Protection:</b>	Use protective gloves made of: Nitrile or Neoprene.
<b>Eye Protection:</b>	Wear approved safety goggles.
<b>Other Protection:</b>	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
<b>Hygiene Measures:</b>	DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap and water if skin becomes contaminated. Use appropriate skin cream to prevent drying of the skin. When using do not eat, drink or smoke.

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

<b>Appearance:</b>	Liquid
<b>Colour:</b>	Colourless
<b>Odour:</b>	Hydrocarbon
<b>Solubility Description:</b>	Insoluble in water
<b>Boiling Point(oC)</b>	160-280 760 mm HG
<b>Flash Point:</b>	>43 cc (closed cup)
<b>Vapour density:</b>	>1
<b>Vapour pressure:</b>	3 mbar : 37.8 oC
<b>Viscosity:</b>	1-2 cSt @ 26oC
<b>Auto Ignition:</b>	230
<b>Flammability limit-upper%</b>	6
<b>Flammability limit-lower%</b>	1
<b>Physical Data Comments:</b>	Information given concerns the major ingredient.

**SECTION 10 : STABILITY AND REACTIVITY**

<b>Stability:</b>	Stable under normal temperature conditions.
<b>Conditions to avoid:</b>	Avoid contact with acids and oxidising substances.
<b>Hazardous decomposition Products:</b>	Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO) Carbon dioxide (CO2)

**SECTION 11: TOXICOLOGICAL INFORMATION**

<b>Inhalation:</b>	Exposure to organic solvent vapours in excess of the stated occupational exposure limit may result in adverse effects such as Irritation of the mucous membrane and the respiratory system and adverse effects on kidney, liver and central nervous system. symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.
<b>Skin Contact:</b>	Repeated or prolonged contact with organic solvents may cause removal of natural fats from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

<b>Eye Contact:</b>	Spray and vapour in the eyes may cause irritation and smarting.
<b>Ingestion:</b>	Liquid irritates mucous membranes and may cause abdominal pain if Swallowed. Significant absorption may cause sleepiness, intoxication and pulmonary oedema.
<b>Health Warnings:</b>	The product causes irritation of mucous membranes and may cause abdominal discomfort if swallowed.
<b>Target Organs:</b>	Skin. Eyes. Respiratory system, lungs.

## SECTION 12 : ECOLOGICAL INFORMATION

<b>Eco-toxicity:</b>	The product contains a substance which is very toxic to aquatic organisms. Do not allow to contaminate drains, sewers or water courses. Harmful to animals and plants in wet state but once dry (24 hours) the product is safe. Splashes on leaves of plants will cause burns but long term systemic damage is unlikely. LC 50, 96 hours, FISH mg/l >100
<b>Mobility:</b>	Water: Insoluble: the product spreads over the surface of the water and will slowly evaporate. Soil: the product has only slight mobility in the soil and will partially evaporate.
<b>Bioaccumulation:</b>	Likely to bio-accumulate but with short retention time in the order of a week or less.
<b>Degradability:</b>	Readily biodegradable. The biodegradability after 28 days was found to Be 314% when expressed as a ratio of the biochemical oxygen demand (BOD) to the Chemical Oxygen Demand (COD)
<b>Acute Fish Toxicity:</b>	Dangerous to fish and other aquatic organisms.

## SECTION 13: DISPOSAL CONSIDERATIONS

<b>Disposal Methods:</b>	Dispose of waste and residues in accordance with local authority requirements.
<b>Waste Class:</b>	This material should be considered as 'Special Waste' and disposal should conform with the relevant regulations.

## SECTION 14 : TRANSPORT INFORMATION

<b>UK Road Class:</b>	<b>3</b>	<b>Proper Shipping Name:</b>	<b>Wood Preservatives</b>
<b>UN No.Road:</b>	<b>1306</b>	<b>Uk Road Pack GR.:</b>	<b>III</b>
<b>ADR Class No.:</b>	<b>3</b>	<b>ADR Class:</b>	<b>Class 3:Flammable Liquids.</b>
<b>ADR Pack Group:</b>	<b>III</b>	<b>Hazard No.(ADR)</b>	<b>30</b>
<b>ADR Label No:</b>	<b>3</b>	<b>Hazchem code:</b>	<b>3Y</b>
<b>Rid Class No:</b>	<b>3</b>	<b>Cefic Tec® No:</b>	<b>30GF1-III,30GF1-sp</b>
<b>Rid Pack Group:</b>	<b>III</b>	<b>Un No. Sea:</b>	<b>1306</b>
<b>IMDG Class:</b>	<b>3</b>	<b>EMS:</b>	<b>F-E,S-D</b>
<b>MFAG:</b>	<b>See Guide</b>	<b>Marine Pollutant:</b>	<b>No</b>
<b>Un No.Air:</b>	<b>1306</b>	<b>Air Class:</b>	<b>3</b>
<b>Air Pack GR:</b>	<b>III</b>	<b>IMDG Page No:</b>	<b>3</b>
<b>IMDG Pack GR:</b>	<b>III</b>		

**SECTION 15 : REGULATORY INFORMATION**

<b>Labelling:</b>	<b>Harmful/Dangerous for the Environment</b>	
<b>Contains:</b>	<b>Kerosine (Petroleum) Straight run kerosene.</b>	
<b>Risk Phrases:</b>	R10	Flammable.
	R51/53	Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
	R65	Harmful: may cause lung damage if swallowed.
	R66	Repeated exposure may cause skin dryness or cracking.
<b>Safety Phrases:</b>	S13	Keep away from food, drink and animal feeding stuffs.
	S29/56	Do not empty into drains, dispose of this material and its container at hazardous or special waste collection points.
	S37	Wear suitable gloves
	S46	If swallowed, seek medical advice immediately and show this container or label.
	S51	Use only in well-ventilated areas.
	S61	Avoid release to the environment. Refer to special instructions/safety data sheets.
	P14	Contains <b>propiconazole</b> . May produce an allergic reaction.
<b>Statutory Instruments:</b>	Chemicals (Hazard Information and Packaging) Regulations	
<b>Approved code of practise:</b>	Classification and Labelling of Substances and Preparations Dangerous for Supply.	
<b>Guidance Notes:</b>	Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS (G)37. CHIP for everyone HSG (108)	
<b>EU Directives:</b>	System of specific information relating to Dangerous Preparations. 2001/58/EEC.	

**SECTION 16 : OTHER HEALTH AND SAFETY INFORMATION**

<b>Information Sources:</b>	Dangerous Properties of Industrial Materials Report, N.Sax et.al.	
<b>Risk Phrases in full:</b>		
<b>NC</b>	<b>Not Classified</b>	
<b>R10</b>	<b>Flammable</b>	
<b>R22</b>	<b>Harmful if swallowed</b>	
<b>R43</b>	<b>May cause sensitisation by skin contact</b>	
<b>R50/53</b>	<b>Very toxic to aquatic organisms, may cause long-term adverse effects in the Aquatic environment.</b>	
<b>R51/53</b>	<b>Toxic to aquatic organisms, may cause long term adverse effects in the aquatic Environment.</b>	
<b>R65</b>	<b>Harmful: may cause lung damage if swallowed.</b>	
<b>R66</b>	<b>Repeated exposure may cause skin dryness or cracking.</b>	

**References should be made to the Health & Safety at Work Act.**

**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 regard to the product's properties.