



SAFETY DATA SHEET

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	BG – Wood Varnish
Synonyms	BGW-1 Series
Relevant identified uses of the substance or mixture and uses advised against.	
Identified uses	Interior Wood finishing coat applications.
Supplier detail	
Company Name	BG Coatings)Pty) Ltd.
Address	U4/34 Truganina Road. Malaga, Perth. Western Australia. 6090
Emergency Telephone	+61 (0) 0413-422-489
Facsimile	
National Contact	Mr A Schule

SECTION 2. HAZARD IDENTIFICATION

Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

Classification of the substance or mixture

Flammable liquids - Category 3
Aspiration hazard - Category 1
Skin corrosion/ irritation - Category 2
Long-term Hazard To The Aquatic Environment - Category 2
Specific target organ toxicity (Single exposure) – Category 3

Pictograms



Signal word

Danger

Hazard Statements

AUH066 Repeated exposure may cause skin dryness or cracking.
H226 - Flammable liquid and vapour.
H304 - May be fatal if swallowed and enters airways.
H315 - Causes skin irritation.
H315 - Causes skin irritation.
H336 - May cause drowsiness or dizziness.
H411 - Toxic to aquatic life with long lasting effects.

Precautionary Statements

General

P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P103 - Read label before use.
P210 - Keep away from heat/sparks/open flames/hot surfaces.
- No smoking.

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Preventative	P235	-	Keep cool.
	P240	-	Ground/bond container and receiving equipment.
	P241	-	Use explosion-proof electrical/ventilation/lighting equipment.
	P242	-	Use only non-sparking tools.
	P243	-	Take precautionary measures against static discharge.
	P261	-	Avoid breathing mist/vapours/spray.
	P271	-	Use only outdoors or in a well-ventilated area.
	P273	-	Avoid release to the environment.
	P280	-	Wear protective gloves/protective clothing/eye protection/face protection.
	Response	P370 +	-
P378			
P301 +		-	IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P310			
P303 +		-	IF ON SKIN (or hair): Take off contaminated clothing and wash before reuse. Rinse skin with water/shower.
P361 +		-	
P353			
P304 +		-	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P340			
P312		-	IF IN EYES: Rinse cautiously with water for several minutes.
P331		-	Remove contact lenses, if present and easy to do. Continue rinsing.
P332 +		-	Call a POISON CENTER or doctor/physician if you feel unwell.
P313			
P337 +		-	If skin irritation occurs: Get medical advice/attention.
P313			
P362		-	If eye irritation persists: Get medical advice/attention.
P391	-	Collect spillage.	
P373 +	-	Wash contaminated clothing before reuse.	
P378		In case of fire: Use foam/water spray/fog for extinction.	
Storage	P403 +	-	Store in a well-ventilated place. Keep container tightly closed.
	P233		
	P405	-	Store locked up.
Disposal	P501	-	Dispose of contents/container in accordance with local/ regional/ national / international regulations.

SECTION 3. COMPOSITION/ INFORMATION ON INGREDIENTS

CAS number/other identifiers

Chemical entity	CAS number	% (weight)
Naphtha, petroleum, hydrodesulfurised heavy	64742-82-1	≥ 52 - ≤57
Ethyl Methyl Ketoxime	96-29-7	<1
Ingredients determined to be Non-Hazardous		Balance

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

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Occupational exposure limits, if available, are listed in section 8.

SECTION 4. FIRST AID MEASURES

Description of necessary measures according to routes of exposure

Eye contact	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation persists.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin contact	Remove contaminated clothing and shoes. Wash contaminated skin with soap or a recognised skin cleaner and plenty of water. Continue to rinse for at least 10 minutes. Avoid the use of solvents. Get medical attention if symptoms persist. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/ effects, acute and delayed

Potential acute health effects

Eye contact	Causes eye irritation.
Inhalation	Harmful if inhaled. May cause respiratory irritation. May cause drowsiness or dizziness.
Skin contact	Harmful in contact with skin. Causes skin irritation.
Ingestion	Harmful if swallowed. May be fatal if swallowed and enters airways.

Over-exposure signs/symptoms

Eye contact	Adverse symptoms may include pain or irritation, watering or redness.
Inhalation	Adverse symptoms may include nausea or vomiting, headache, respiratory irritation, drowsiness/fatigue or dizziness/vertigo.
Skin contact	Adverse symptoms may include irritation or redness.
Ingestion	May be fatal if swallowed and enters airways.

Indication of immediate medical attention and special treatment needed, if necessary

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Notes to physician	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	No specific treatment.
Protection of first-aiders	No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

SECTION 5. FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media	Use an extinguishing agent suitable for the surrounding fire such as dry powder, CO ₂ , water spray (fog) or foam. Use fog to cool and control.
Unsuitable extinguishing media	Do not use water jet.

Specific hazards arising from the chemical

Flammable liquid and vapour. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Hazardous thermal decomposition products

Decomposition products may include the following materials:
Carbon dioxide
Carbon monoxide

Special protective actions for fire-fighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire-fighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut
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off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

Methods and materials for containment and cleaning up

Small spill Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor.

Large spill Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.
Note: see section 1 for emergency contact information and section 13 for waste disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

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Conditions for safe storage, Including any Incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits.

General

No specific exposure standards are available for this product. For White Spirit:

- Safe Work Australia Exposure Standard: TWA = 790 mg/m³; Presumed to have carcinogenic potential for humans (Carc. 1B).

Exposure Limits

No Data Available.

Biological Limits

The ingredients in this material do not have a Biological Limit allocated.

Engineering Measures

A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Use explosion-proof electrical/ventilating/lighting equipment.

Personal Protection Equipment

- Respiratory protection: Wear respiratory protection in case of inadequate ventilation or if an inhalation risk exists.

Recommended: Organic vapour/particulate respirator (refer to AS/NZS 1715 & 1716).

- Eye/face protection: Wear appropriate eye protection to avoid eye contact. Recommended: Safety glasses.

- Hand protection: Wear protective gloves. Recommended: Nitrile rubber (suitable for intermittent contact).

- Skin/body protection: Wear appropriate personal protective clothing to avoid skin contact.

Recommended: Overalls, safety shoes.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Viscous Liquid.
Colour:	Clear.
Odour:	Paraffinic.
Solubility in water:	Immiscible.
Specific Gravity:	≈ 0,956 Kg/ Lt.

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Relative Vapour Density (air=1):	>1
Vapour Pressure (20 °C):	Not available.
Flash Point	40°C
Lower and upper explosive (flammable) limits:	Not available.
Auto ignition Temperature (°C):	Not available.
Solubility in water (g/L):	Immiscible.
Melting Point/Freezing point (°C):	Not available.
Boiling Point/Range (°C):	Not available.
Decomposition Point (°C):	Not available.
PH:	Not applicable.
Viscosity (cSt):	Not available.
Evaporation Rate:	Not available.
VOC Content:	<425 grams/ lt.

SECTION 10. STABILITY AND REACTIVITY

Chemical stability:	The product is stable under normal conditions of use. Inert - no reaction with fire-fighting water.
Conditions to avoid:	Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Containers, even those that have been emptied, may contain explosive vapours.
Incompatible materials:	Avoid contamination with oxidising agents, strong acids and strong alkalis. Strong exothermic reactions may occur.
Hazardous decomposition products:	Thermal decomposition is highly dependent on conditions. A complex mixture of airborne solids, liquids, gases, including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.
Hazardous reactions:	The product is stable under normal conditions of use, storage and temperature. Hazardous decomposition products should not be produced.

SECTION 11. TOXICOLOGICAL INFORMATION

General Information

- Acute toxicity: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract. May cause lung damage if swallowed.
- Skin corrosion/irritation: Causes skin irritation (reversible effects to skin). Contact with skin will result in irritation.
- Eye damage/irritation: May be an eye irritant (this material has been classified as not corrosive or irritating to eyes).
- Respiratory/skin sensitisation: This material has been classified as not a respiratory sensitiser. This material has been classified as not a skin sensitiser.
- Germ cell mutagenicity: This material has been classified as non-hazardous.
- Carcinogenicity: This material has been classified as non-hazardous.

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- Reproductive toxicity: This material has been classified as non-hazardous.
- STOT (single exposure): May cause drowsiness or dizziness. Exposure via inhalation may result in depression of the central nervous system. Material may be an irritant to mucous membranes and respiratory tract. Inhalation of vapour can result in headaches, dizziness and possible nausea. Inhalation of high concentrations can produce central nervous system depression, which can lead to loss of co-ordination, impaired judgement and if exposure is prolonged, unconsciousness.
- STOT (repeated exposure): This material has been classified as non-hazardous.
- Aspiration toxicity: May be fatal if swallowed and enters airways. Small amounts of liquid aspirated into the respiratory system during ingestion or vomiting may cause broncho-pneumonia or pulmonary oedema.

Acute Toxicity

Substance	Result	Species	Dose	Exposure
White Spirit	LD50 - Dermal	Rat	>2000 mg/kg	-
	LD50 – Oral	Rat	>2000 mg/kg	-

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Acute aquatic hazard:

- Acute toxicity estimate (ATE): >100 mg/L [based on ingredients].

Long-term aquatic hazard:

- Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available OR in the absence of chronic toxicity data, Acute toxicity estimate (based on ingredients): 1 - 10 mg/L, where the substance is not rapidly degradable and/or BCF \geq 500 and/or log Kow \geq 4.

Persistence/Degradability

No information available.

Mobility

No information available.

Environmental Fate

Toxic to aquatic life with long lasting effects - Avoid release to the environment.

Bioaccumulation Potential

No information available.

Environmental Impact

No Data Available.

SECTION 13. DISPOSAL CONSIDERATIONS

- Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any

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regional local authority requirements. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14. TRANSPORT INFORMATION

Designation	Land Transport (ADG)	Marine Transport (IMO/ IMDG)	Air Transport (IATA)
UN number	1263	1263	1263
UN proper shipping name	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)		
Transport hazard class	3	3	3
Labels required			
Hazchem	•3Y	•3Y	•3Y
Packing group	III	III	III
Marine pollutant	Yes	Yes	Yes
Additional information	No data available.	Emergency schedules (EmS) F-E, S-E	No data available.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	No data available.	No data available.	No data available.

SECTION 15. REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product.

Information compiled with reference to raw material safety data sheets.

SECTION 16. OTHER INFORMATION

History

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BG Coatings PTY Ltd



Date of previous issue : Not applicable.

Further information:

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

Notice to readers:

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees.

This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

Legal disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be only used as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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