

SAFETY DATA SHEET

Karbo-Seal Black

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	Karbo-Seal Black
Product type:	Exterior water repellent wood sealer
Chemical identity:	Pigmented crude oil distillate consisting of a mixture of waxes and oils
Synonyms:	Gas oils, Selective cracker bottoms, medium fuel oil
UN Number:	1268 (Petroleum distillate, N.O.S.)

Chemical nature and use:

Karbo-Seal Black is a dark to black coloured, ready-for-use waxy oil-based water repellent wood sealer for exterior use. It can be diluted with most organic solvents for easier application, improved penetration and a less waxy final finish. Because of the dark brown finish provided by **Karbo-Seal Black**, it is an excellent alternative for carbolineum and creosote without the strong smell and use restrictions.

Please note: **Karbo-Seal Black** does not contain any pesticides. Should additional insecticidal and fungicidal protection be needed, pretreat the timber with **CTX 108**.

Karbo-Seal Black is ideal for use as an affordable water-repellent treatment on exterior timbers such as roof trusses, battens, fascia boards, rough sawn cladding, wooden fences and gates, all wooden poles, etc. where a dark, brownish black colour is required.

Supplier:	Timberlife (Pty) Ltd P O Bo 73117, Lynnwood Ridge 0040, South Africa Tel: + 27 12 803 8595 Fax: + 27 12 803 8462 E-mail: info@timberlife.co.za Website: www.timberlife.co.za
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Emergency numbers:

Poisons Information Helpline: 0861 555777 (24/7 emergency number)
GRIFFON Poison Information Centre: +27 82 446 8916

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2. HAZARD IDENTIFICATION

Classification of substance/mixture:

Regulation (EC) No.: 1272/2008

Classification: Carcinogenicity Category 2

Label elements:

Physical hazards:

Not classified as flammable

Hazard statements:

Not applicable

Health hazards:

Skin sensitiser category 1

Aspiration hazard category 2

Carcinogenicity category 2

Hazard statements:

H317: May cause an allergic skin reaction

H305: May be harmful if swallowed and enters airways

H351: Suspected of causing cancer

Environmental hazards:

Aquatic acute category 3

Hazard statements:

H402: Harmful to aquatic life

Hazard pictograms and signal words (GHS label elements)

Signal word: **Warning**

Hazard pictograms:



Precautionary statement(s):

P261	Avoid breathing vapours/fumes.
P264	Wash hands and exposed skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves, clothing, eye protection and face protection.
P301+P316	IF SWALLOWED: Get emergency medical help immediately.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse affected areas with water (or shower).
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable.
P319	Get medical help if you feel unwell.
P331	Do not induce vomiting
P333+P317	If skin irritation or rash occurs: get medical help.
P362+P364	Take off contaminated clothing and wash contaminated clothing before reuse.
P370+P378	In case of fire: Use dry chemical fire-extinguishing powder, sand, foam or carbon dioxide to extinguish.
P391	Collect spillage.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container as hazardous waste according to official regulations.

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Other information:

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Basic ingredients:

Fuel oil, Diesel gasoil and Pigments

Contents	CAS No.	Index No.	EC No.
95.90 – 95.95 % (m/v) *	68334-30-5	649-224-00-6	269-822-7

*Balance consists of 0.05 to 0.10 % (m/v) pour point depressant additive (500 to 1000 ppm) and 4.00 % (m/v) dispersed pigments.

4. FIRST-AID MEASURES

Ingestion:

Seek medical attention immediately. Do not induce vomiting. Drink lots of milk or water to dilute. If vomiting occurs, drink more water. Note: Do not give anything orally to an unconscious person.

Skin contact:

Immediately remove all contaminated clothing and wash with soap and water. If irritation develops and persists, seek medical attention.

Eye contact:

Immediately flush with fresh water for at least 15 minutes. Seek medical attention if irritation develops and persists.

Inhalation:

Remove patient to fresh air. Administer oxygen and seek medical attention if necessary.

5. FIRE-FIGHTING MEASURES

Extinguishing media:

Use dry chemical powder, sand, foam or CO₂.

Flammability:

Product is not classified as flammable (Flash point > 93 °C).

Specific Hazards:

May release irritating and toxic gases when exposed to high temperatures. Product floats on water.

Protective clothing:

Self-contained breathing apparatus. PVC gloves. Cotton or polyester overalls. Safety

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glasses or goggles. Spilled product can become very slippery; wear slip resistant shoes or boots.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Wear gloves, safety glasses or splash-proof goggles and cotton or polyester overalls. Spilled product can become very slippery; wear slip resistant shoes or boots.

Environmental precautions:

Avoid contamination of rivers, dams or canals.

Prevent spillage from entering drains and ditches.

Methods for cleaning up:

Absorb with inert material such as sand or diatomaceous earth. Dispose of at a class 1 disposal site.

7. HANDLING AND STORAGE

Handling:

Avoid contact with eyes and skin.

Avoid inhalation of spray and vapour.

The use of suitable gloves and eye face protection is recommended.

In case of contact with the skin and eyes, immediately wash with soap and water.

Do not eat, drink or smoke while using the product.

Do not discharge into rivers, dams and canals.

Storage:

Keep out of reach of children, uninformed persons, and animals.

Do not store near sources of sparks, flame or heat.

Store in a cool, dry place away from food and foodstuffs.

Keep containers tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limit:

Contains no substances with occupational exposure limit values.

Personal protective equipment:

Wear suitable protective clothing such as overalls, rubber gloves and safety goggles during handling and use of the product.

In confined spaces the use of approved respiratory equipment for protection from vapours/fumes is recommended.

Hygiene measures:

Wash hands with soap and water before eating, drinking or smoking.

Wash overalls and clothes regularly.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	:	Viscous organic liquid
Colour	:	Black
Odour	:	Hydrocarbon odour
pH	:	Not applicable
Pour point	:	± 20 °C
Boiling point @ 760 mm Hg	:	> 150 °C
Flash point (closed cup)	:	> 180 °C
Flammability	:	Not classified as flammable
Auto-ignition temperature	:	Not available
Oxidizing properties	:	Non oxidizing
Vapour pressure@ 20°C	:	Not available
Density @ 20°C	:	0,89 to 0,91 kg/ℓ
Viscosity, kinematic	:	12 mm ² /s @ 100 °C
Solubility	:	Aliphatic and aromatic solvents

10. STABILITY AND REACTIVITY

Stability	:	Stable under normal conditions.
Conditions to avoid	:	Overheating, sparks, open flames.
Materials to avoid	:	Strong oxidants. Incompatible with sulfuric acid, nitric acid, caustic, aliphatic amines and amides.
Hazardous decomposition products	:	Carbon oxides. Hazardous polymerization of products will not occur.

11. TOXICOLOGICAL INFORMATION:

Basis of Assessment	:	Based on tests of similar products and/or components (fuels, diesel gasoil).
Acute Oral Toxicity	:	LD ₅₀ in rats: 7 500 mg/kg (literature value).
Acute Dermal Toxicity	:	LD ₅₀ in rabbits: > 2000 mg/kg (literature value).
Acute Inhalation Toxicity	:	LC ₅₀ in rats: 4 hrs; vapour; 10 mg/L (literature value).
Skin Corrosion/ Irritation	:	Prolonged or repeated contact with skin may cause severe irritation and burns.
Eye damage/ irritation	:	Moderate irritation. Contact with eyes may cause blurring, tearing and redness.
Respiratory/Skin Sensitization	:	Not known to be a sensitizer.
Mutagenicity	:	No data available.
Carcinogenicity	:	Probable carcinogen; avoid repeated and prolonged

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inhalation of fumes and mist.

Reproductive Toxicity : Repeated application to rats - Males (70 days); Females (14 days). Males: no adverse effects on mating/fertility were found. Females: no adverse effects on gonadal function, oestrous cycles or mating were found.

**Specific Target Organ Toxicity/
Single Exposure** : Not expected to be a hazard.

**Specific Target Organ Toxicity/
Repeated Exposure** : May cause damage to organs or organ systems (Liver, Thymus, Blood).

Aspiration Hazard : Not considered an aspiration hazard.

12. ECOLOGICAL INFORMATION

Eco Toxicity : Has acute toxicity to aquatic organisms (LL50: 10 - 100 mg/l), (LL/EL50 expressed as the nominal amount of product required to prepare aqueous test extract).

Mobility : **Water:** Floats on water. Contains volatile components. Partly evaporates from water or soil surfaces, but a significant proportion will remain after one day.

Soil: Limited mobility in soil; large quantities may penetrate soil and contaminate groundwater.

Persistence and Degradability : Major components are inherently biodegradable. Persists under anaerobic conditions. The volatile components oxidise rapidly by photochemical reactions in air.

Bio-accumulation Potential : Contains components which may have the potential to bioaccumulate. May cause tainting of fish and shellfish.

Other Effects : Films formed on water may inhibit oxygen transfer and cause damage to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Product waste : **Waksol F** product waste may be disposed of in a secure sanitary landfill by a licensed waste contractor or in approved incinerators in accordance with the local regulations.

Packaging material : Offer for recycling or puncture and dispose of in a secure sanitary landfill.

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14. TRANSPORT INFORMATION

UN Number:	Not applicable – not dangerous for transport
UN Proper Shipping Name:	Not applicable
ADR/RID:	Not regulated as a dangerous good
IMDG/IMO:	Not regulated as a dangerous good
ICAO/IATA:	Not regulated as a dangerous good
Packing group:	Not applicable
Road/Rail transport:	Not regulated as a dangerous good
Sea transport:	Not regulated as a dangerous good
Air transport:	Not regulated as a dangerous good

15. REGULATORY INFORMATION

Poisons Schedule Number	:	Not applicable
Storage and Handling	:	South African Occupational Health and Safety (Act 85 of 1993) as amended SANS 10131:2004 SANS 10089-1:2008 SANS 10089-2:2007 National Environmental Management Act 1998, Section 28
Use	:	National Environmental Management Air Quality Act of 2004, No. 893
Disposal	:	NEM: Waste Act 2008: GNR 635 National Norms & Standards for Assessment of Waste for Landfill Disposal and GNR 634 Waste Classification and Management Regulations
Transport	:	South African National Road Traffic Act: GNR 273 SANS 10228:2006 - The Identification and Classification of Dangerous Goods for Transport SANS 10234:2007 – Global Harmonised System of Classification and Labelling of Chemicals (GHS)
Occupational	:	Occupational Health and Safety Act, Act 85 of 1993 Hazardous Chemical Substances Regulations, 1995 Occupational Exposure Limits – Recommended Limits (South Africa, 1995)

16. OTHER INFORMATION

All information and instructions provided in this Safety Data Sheet (SDS) are based on the current state of scientific and technical knowledge at the date indicated on this SDS.

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Information given in this Safety Data Sheet (SDS) is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control. All risks of use are therefore assumed by the user and we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product.

It is the responsibility of persons in receipt of this SDS to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product.

Date compiled: November 2025

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