

MATERIAL SAFETY DATA SHEET

801 0500

Wetterflex BG



"maintenance made easy"

SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND THE COMPANY

Product Name: **WETTERFLEX BG**
 Company Name: Polycote UK
 Centre Point • Wolseley Road
 Woburn Road Industrial Estate
 Kempston • Beds MK42 7EF
 Telephone Number: 01234 846400

SECTION 2: HAZARDS IDENTIFICATION

Classification according to Regulation (EC) No. 1272/2008 [CLP]

The Full Text for all Hazard Statements are Displayed in Section 16.

Label elements:

Contains: Contains Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) <0.1% Benzene



Signal word: Danger

Hazard Statements:

H226 Flammable liquid and vapour.
 H336 May cause drowsiness or dizziness.
 H372 Causes damage to organs through prolonged or repeated exposure.
 H411 Toxic to aquatic life with long lasting effects.

Special provisions concerning the labelling of certain mixtures

EUH066: Repeated exposure may cause skin dryness or cracking

Precautionary Statements:

P102 Keep out of reach of children.
 P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P314 Get medical advice/attention if you feel unwell.
 P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P403+233 Store in a well-ventilated place. Keep container tightly closed.
 P501 Dispose of contents/container in accordance with local regulations.

Supplementary Precautionary Statements:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
 P271 Use only outdoors or in a well-ventilated area.
 P273 Avoid release to the environment.
 P280: Wear protective gloves and eye/face protection
 P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P314: Get medical advice/attention if you feel unwell.
 P403+235 Store in a well-ventilated place. Keep cool.
 P501: Dispose of contents/ container to an approved waste disposal plant

General Hazards:

In use may form flammable/explosive vapour-air mixture.

PBT and vPvB assessment:

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	EC No.	CAS No.	%	Classification 1272/2008 (CLP)
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	919-446-0	-	>25 - <40%	<0.1% Benzene Acute Tox. 4 – H302 Skin Corr. 1B – H314 Aquatic Acute 1 – H400 Aquatic Chronic – H410
Phosphoric Acid	231-633-2	7664-38-2	0.1 - <1%	Skin Corr. 1B – H314; Met. Corr. 1 (H290)
1-Propanamine, 3-(isodecyloxy)-, acetate	249-166-8	28701-67-9	0.1 - <1%	Skin Corr. 1B H314); Acute Tox. 4 (H302); Aquatic Acute 1 (H400); Aquatic Chronic 1 (H410)

Full text of H- and EUH-phrases: see section 16.

SECTION 4: FIRST AID MEASURES

General Advice: If medical advice is needed, have product container or label at hand.

Inhalation: Remove to fresh air.

Skin Contact: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

Eye contact: Call a doctor immediately. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Self-Protection of the First Aider: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Note to doctors: Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

Suitable extinguishing media: Use CO₂, dry chemical, or foam. Move containers from fire area if you can do it without risk.

Unsuitable extinguishing media: Use water spray or fog; do not use straight streams.

Unusual Fire and Explosion Hazards: Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

Protective equipment for fire-fighters: Wear self contained breathing apparatus for fire fighting if necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas.
Environmental precautions:	Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. See Section 12 for additional Ecological Information.
Containment:	Dyke far ahead of spill; use dry sand to contain the flow of material. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).
Clean-up methods:	Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labelled containers. Soak up with inert absorbent material.

SECTION 7: HANDLING AND STORAGE

Handling:	Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Take precautionary measures against static charges. Use explosion-proof electrical/ ventilating/ lighting/ equipment.
General Hygiene:	Do not eat, drink or smoke when using this product. Regular cleaning of equipment, work area and clothing is recommended.
Storage conditions:	Keep only in the original container/package in a cool well-ventilated place.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Name	EU	Ireland	UK
Isopropyl alcohol 67-63-0	-	TWA: 200 ppm STEL: 400 ppm Skin	STEL: 500 ppm STEL: 1250 mg/m ³ TWA: 400 ppm TWA: 999 mg/m ³
Phosphoric acid 7664-38-2	TWA: 1 mg/m ³ STEL: 2 mg/m ³	STEL: 2 mg/m ³ STEL: 2 mg/m ³	TWA: 1 mg/m ³ TWA: 1 mg/m ³
Engineering controls:	Ensure adequate ventilation, especially in confined areas.		
Eye/Face protection:	Tight sealing safety goggles.		
Hand protection:	Wear protective gloves. The breakthrough time of the gloves depends on the material and the thickness as well as the temperature.		
Skin/body protection:	Gloves made of plastic or rubber. Antistatic footwear. Wear fire/flame resistant/retardant clothing.		
Respiratory Protection:	In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit. In case of inadequate ventilation wear respiratory protection.		
Recommended filter type:	Organic gases and vapours filter conforming to EN 14387.		
Environmental Controls:	Do not allow into any sewer, on the ground or into any body of water. Local authorities should be advised if significant spillages cannot be contained. Prevent product from entering drains.		

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Physical State:	Liquid
Appearance:	Viscous
Colour:	Black
Odour:	Characteristic
Boiling Point:	> 150°C / 302°F
Flash Point:	> 39°C / > 102.2°F
Water Solubility:	Insoluble in water
Auto-ignition Temp:	230°C / 446°F
Kinematic viscosity:	> 200 - 200 mm ² /s @ 40°C
Density:	0.98
VOC content (%):	< 320 g/L

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Stable under recommended storage conditions.
Chemical stability:	Stable under recommended storage conditions.
Explosion data:	Sensitivity to Mechanical Impact – None. Sensitivity to Static Discharge – May be ignited by friction, heat, sparks or flames.
Conditions to avoid:	Keep away from heat, sparks and flames.
Incompatible materials:	Strong acids and bases.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity:	The following values are calculated based on chapter 3.1 of the GHS document		
	ATEmix (oral)	35,754.00 mg/kg	
	ATEmix (dermal)	8,104.00 mg/kg	
Toxicity data:	Data obtained on the component(s) include		
Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	<0.1% Benzene	>15000 mg/Kg (Rat)	=3400 mg/kg (Rabbit) -
1-Propanamine, 3-(isodecyloxy)-,acetate	28701-67-9	= 1216 mg/kg (Rat)	-

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Toxic to aquatic life with long lasting effects.

Component Information:

Data obtained on the component(s) include

Chemical Name	Fish	Crustacea	M-Factor
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	<0.1% Benzene	LC50 96h = 10-30 mg/l	EC50 (48h) =20000 mg/l -
	Fish (Rainbow Trout)	daphnia magna)	
Phosphoric acid 7664-38-2	LC50 96 h 3 - 3.5 mg/l (Gambusia affinis)	EC50 12 h = 4.6 mg/l (Daphnia magna)	

SECTION 13: DISPOSAL CONSIDERATIONS

Waste from residues:	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging:	Improper disposal or reuse of this container may be dangerous and illegal.
European Waste Cat:	08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances.

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SECTION 14: TRANSPORT INFORMATION

U.N. No: 1999
 Proper Shipping Name: Tars, liquid, Environmentally Hazardous
 ADR/RID/ADN Class: Class 3: Flammable liquids.
 ADR Label No: 3 IMDG Class: 3
 ICAO/Division 3 Packing Group: III
 Environmental hazard: Yes
 Special provisions: None
 Classification Code: F1
 Tunnel restriction code: (D/E)
 Limited Quantity (LQ): 5 L
 ADR Hazard Id (Kemmler): 30

SECTION 15: REGULATORY INFORMATION

EU:
 Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.
 Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.
 Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work.

Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59.

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59).

EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

EU-REACH (1907/2006) - Annex XIV - List of substances subject to Authorization

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

Dangerous substance category per Seveso Directive (2012/18/EU)

E2 - Hazardous to the Aquatic

Environment in Category Chronic 2

SECTION 16: OTHER INFORMATION

Full text of H-Statements referred to under section 3:

H314 - Causes severe skin burns and eye damage
 H302 - Harmful if swallowed
 H400 - Very toxic to aquatic life
 H410 - Very toxic to aquatic life with long lasting effects
 H336 - May cause drowsiness or dizziness
 H372 - Causes damage to organs through prolonged or repeated exposure if inhaled
 H304 - May be fatal if swallowed and enters airways
 H411 - Toxic to aquatic life with long lasting effects
 H226 - Flammable liquid and vapour

The Safety Data above is applicable to the product only as used according to the purposes and methods described on the relevant Technical Data Sheet, available from Polycote UK on request.

The information above is based on our present knowledge and is believed to be correct but does not purport to be all inclusive and should only be used as a guide. No warranty is implied with respect to the specification of the product. It is intended to describe the product solely in terms of its safety requirements and relates only to the specific material designed and may not be valid for such material used in combination with any other materials or in any process. This data does not constitute the users own assessment of workplace risk as required by other Health and Safety legislation, nor is it a sales specification or indication of suitability for any particular use. The user must satisfy himself as to the suitability of the product for his purpose. No legally valid contractual relationship is established by the above data, and Polycote UK shall not be held liable for any damage resulting from handling or from contact with the above product.

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