

Safety data sheet

REACH: Regulation (EC) No 2020/878 (in particular as amended by Regulation
(EU) No. 1907/2006 & 2015/830 with respect to SDSs) & CLP: Regulation (EC) No
1272/2008

Printing date 18.12.2022

Version number 15 (replaces version 14)

Revision: 18.12.2022

SECTION 1: Identification of the substance/mixture and of the company/undertaking

· **1.1 Product identifier:**

· **Trade name:** PowAir Block

· **Product number:** Not applicable.

· **REACH Registration number:** Not relevant

· **1.2 Relevant identified uses of the substance or mixture and uses advised against:**

· **Sector of Use** Odor Neutralizer

· **1.3 Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**

Supplier

Odorchem Manufacturing Corp.

Unit #1 – 9790 190th St.

Surrey, BC V4N 3M9

T +1 604 942 7880, +1 877 386 5000 - F +1 604 608 2980

info@odorchem.com - <http://www.odorchem.com/>

Distributor

PowAir Nature Ltd.

Unit 2, Estate Road 6

Grimsby, North east Lincolnshire

UK, DN31 2TG

0044 1472 242244

· **1.4 Emergency telephone number:**

National Poisons Information Service:

NHS 111 (England)

NHS 24 (Scotland) on 111.

NHS 111 (Wales) (currently available in the following health board areas - Hywel Dda, Powys, Aneurin Bevan and Swansea Bay - including Bridgend). If you are outside this area, please call 0845 46 47.

SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**

· **Classification according to Regulation (EC) No 1272/2008**



Skin Sens. 1 H317 May cause an allergic skin reaction.

· **2.2 Label elements**

· **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the GB CLP regulation.

· **Hazard pictograms**



GHS07

· **Signal word:** Warning

· **Hazard-determining components of labelling:**

d-limonene

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Citral

- **Hazard statements:**

H317 May cause an allergic skin reaction.

- **Precautionary Statements:**

P102 Keep out of reach of children.

P210 Keep away from heat.

P273 Avoid release to the environment.

P302+P352 IF ON SKIN: Wash with plenty of water.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P411 Store at temperatures not exceeding 40°C.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Additional information:**

This value refers to knowledge of known, established toxicological or ecotoxicological values.

0 % of the mixture consists of component(s) of unknown toxicity.

Contains 4.4 % of components with unknown hazards to the aquatic environment.

Keep out of the reach of children

- **2.3 Other hazards:** None known

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

* SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**

- **Description:**

Mixture of substances listed below with nonhazardous additions.

The mixture of the outlined below is in a solid suspension so liquid or gel inherent hazards will not affect final product's hazard designation.

- **Components:**

CAS: 57-55-6 EINECS: 200-338-0 RTECS: TY 2000000	Propylene Glycol substance with a Community workplace exposure limit	<10%
CAS: 822-16-2 ELINCS: 401-230-8	Sodium Sterate Aquatic Chronic 3, H412	<10%
CAS: 5989-27-5 EINECS: 227-813-5 RTECS: GW 6360000	d-limonene ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	<6%
CAS: 120-51-4 EINECS: 204-402-9 RTECS: DG 4200000	Benzyl benzoate ⚠ Aquatic Chronic 2, H411; ⚠ Acute Tox. 4, H302	2-5%
CAS: 5392-40-5 EINECS: 226-394-6 RTECS: RG 5075000	Citral ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	≤2%
CAS: 8050-15-5 EINECS: 232-476-2	Methyl ester of rosin (partially hydrogenated) Aquatic Chronic 3, H412	≤2%

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

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SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** If symptoms persist, call a physician.
- **After inhalation:** In case of unconsciousness, place patient stably in side position for transportation.
- **After skin contact:**
If skin irritation occurs, consult a doctor.
Wash with soap and water.
- **After eye contact:**
Remove contact lenses at once. Rinse opened eye under running water for at least 15 minutes. If irritation persists, seek medical attention.
- **After swallowing:**
Do not induce vomiting without medical advice.
Rinse mouth with water.
Call for a doctor immediately.
- **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed** Treat symptomatically.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** No further relevant information.
- **5.2 Special hazards arising from the substance or mixture:** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:**
As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear to prevent contact with skin and eyes.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Avoid contact with skin, eyes and clothing. Ventilate spillage area.
- **6.2 Environmental precautions:**
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers, surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Dispose contaminated materials as waste according to section 13.
Dispose of the material collected according to regulations.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
- **Information about fire and explosion protection:** No special measures required.

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- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Keep only in original container. Store in a well-ventilated place. Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

- **Ingredients with limit values that require monitoring at the workplace:**

57-55-6 Propylene Glycol

WEL	Long-term value: 474* 10** mg/m ³ , 150* ppm *total vapour and particulates **particulates
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- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Appropriate engineering controls** No further data; see item 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
- **Respiratory protection:** Not required.
- **Hand protection** Not required.
- **Material of gloves:**
None required.
- **Penetration time of glove material:**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye/face protection** Not required.
- **Body protection:** Not required.
- **Environmental exposure controls** None

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

- **General Information**
- **Physical state** Solid
- **Colour:** White to cream
- **Odour:** Characteristic
- **Melting point/freezing point:** Not determined.
- **Boiling point or initial boiling point and boiling range** Not determined.
- **Flammability** Not determined.
- **Lower and upper explosion limit**
- **Lower:** Not determined.
- **Upper:** Not determined.

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· Flash point:	Not applicable.
· Ignition temperature:	Not applicable
· Decomposition temperature:	Not determined.
· pH	Not determined.
· Viscosity:	
· Kinematic viscosity	Not applicable.
· Dynamic:	Not applicable.
· Solubility	
· water:	Not determined.
· Partition coefficient n-octanol/water (log value)	Not determined.
· Vapour pressure:	Not applicable.
· Density and/or relative density	
· Density:	Not determined.
· Relative density @ 20 °C:	1.12
· Vapour density:	Not applicable.
· 9.2 Other information	
· Appearance:	
· Form:	Solid
· Important information on protection of health and environment, and on safety.	
· Auto-ignition temperature:	Product is not self-igniting.
· Explosive properties:	Product does not present an explosion hazard.
· Change in condition	
· Evaporation rate:	Not applicable.
· Information with regard to physical hazard classes	
· Explosives	Non-Regulated Material
· Flammable gases	Non-Regulated Material
· Aerosols	Non-Regulated Material
· Oxidising gases	Non-Regulated Material
· Gases under pressure	Non-Regulated Material
· Flammable liquids	Non-Regulated Material
· Flammable solids	Non-Regulated Material
· Self-reactive substances and mixtures	Non-Regulated Material
· Pyrophoric liquids	Non-Regulated Material
· Pyrophoric solids	Non-Regulated Material
· Self-heating substances and mixtures	Non-Regulated Material
· Substances and mixtures, which emit flammable gases in contact with water	Non-Regulated Material
· Oxidising liquids	Non-Regulated Material
· Oxidising solids	Non-Regulated Material
· Organic peroxides	Non-Regulated Material
· Corrosive to metals	Non-Regulated Material
· Desensitised explosives	Non-Regulated Material

SECTION 10: Stability and reactivity

- **10.1 Reactivity:** No further relevant information available.
- **10.2 Chemical stability:** Product is stable under normal conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions:** No dangerous reactions known.

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- **10.4 Conditions to avoid:**

No flames, no sparks. Eliminate all sources of ignition.
Avoid temperatures higher than 40°C.

- **10.5 Incompatible materials:** No further relevant information available.

- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values relevant for classification:**

57-55-6 Propylene Glycol

Oral	LD50	20,000 mg/kg (Rat)
Dermal	LD50	20,800 mg/kg (Rabbit)
Inhalative	LC50/96 hours	52,930 mg/l (Pimephales)
	Intravenous	6,630 mg/kg (Mouse)
		6,423 mg/kg (Rat)
		6,500 mg/kg (Rabbit)

5989-27-5 d-limonene

Oral	LD50	4,400 mg/kg (Rat)
Dermal	LD50	>5,000 mg/kg (Rabbit)

120-51-4 Benzyl benzoate

Oral	LD50	1,700 mg/kg (Rat)
Dermal	LD50	4,000 mg/kg (Rabbit)

5392-40-5 Citral

Oral	LD50	4,960 mg/kg (Rat)
Dermal	LD50	2,250 mg/kg (Rabbit)

- **Skin corrosion/irritation** May cause an allergic skin reaction.

- **Sensitisation:** May cause an allergic skin reaction.

- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

None of the ingredients are listed.

- **Other information**

CAS may be tested with animals and are a part of a national database. The whole Block product was not tested on animals.

SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

57-55-6 Propylene Glycol

EC50	>10,000 mg/l (Daphnia)
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5989-27-5 d-limonene

EC50	0.36 mg/l (Daphnia) (OECD Test Guideline 202)
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- **12.2 Persistence and degradability:** No further relevant information available.

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- **12.3 Bioaccumulative potential:** No further relevant information available.
- **12.4 Mobility in soil:** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**
The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Remark:** Harmful to fish
- **Additional ecological information:**
- **General notes:**
Avoid transfer into the environment.
Harmful to aquatic organisms

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

SECTION 14: Transport information

- | | |
|---|------------------------|
| · 14.1 UN number or ID number | |
| · ADR/ADN, IMDG, IATA | Non-Regulated Material |
| · 14.2 UN proper shipping name | |
| · ADR/ADN, IMDG, IATA | Non-Regulated Material |
| · 14.3 Transport hazard class(es) | |
| · ADR/ADN, ADN, IMDG, IATA | |
| · Class | Non-Regulated Material |
| · 14.4 Packing group | |
| · ADR/ADN, IMDG, IATA | Non-Regulated Material |
| · 14.5 Environmental hazards: | Not applicable. |
| · 14.6 Special precautions for user | Not applicable. |
| · 14.7 Maritime transport in bulk according to IMO instruments | Not applicable. |
| · UN "Model Regulation": | Non-Regulated Material |

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU** Substance is not listed.
- **Named dangerous substances - ANNEX I** None of the ingredients are listed.

National regulations:

The product is not subject to be labelled according with the prevailing version of the regulations on hazardous substances.

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

· *** Data compared to the previous version altered.**

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