

Non-Hazardous Chemical, Non-Dangerous Goods

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: REGEN - Blue® (Powder and Liquid)

Recommended use: Water colourant

Supplier: Parklink Ltd

Company No.

Street Address: 43 Niven Street, Onekawa, New Zealand

Telephone: 06 843 2913

Facsimile:

Email: admin@parklink.co.nz

Emergency Telephone Number: 0800 POISON (0800 764 766)

2. HAZARDS IDENTIFICATION

This material is non-hazardous according to criteria of the New Zealand Hazardous Substances and New Organisms Act 1996 and the Health and Safety at Work (Hazardous Substances) Regulations 2017

DANGEROUS GOOD CLASSIFICATION

Not classified as Dangerous Goods by the criteria of the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

Dangerous Goods Class: NA

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO	PROPORTION
Not applicable	N/A	N/A %

Ingredients not precisely identified are proprietary or non-hazardous.

4. FIRST AID MEASURES

Inhalation: Remove person to fresh air.

Skin Contact: Wash exposed area with soap and water.

Eye contact: If in eyes, hold eyelids apart and flush the eyes continuously with running water.

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Immediately get medical attention if symptoms occur.

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PPE for First Aiders: Avoid contact with skin, eyes and clothing. Wear personal protective clothing (see section 8).

Notes to physician: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Hazchem Code: NA

Suitable extinguishing media: If material is involved in a fire use dry chemical, CO₂, water spray or regular foam.

Specific hazards: Non-combustible

Firefighting further advice: Firefighters should wear self-contained breathing apparatus and full firefighting protective clothing.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Use appropriate personal protective equipment (PPE). Collect material and place in suitable container

LARGE SPILLS

Use appropriate personal protective equipment (PPE). Collect material and place in suitable container

7. HANDLING AND STORAGE

Handling: Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of dust

Storage: Store in a cool, dry place and out of direct sunlight.

General hygiene: Avoid contact with eyes. Do not eat, drink or smoke when using this product. Wash hands and face before breaks and immediately after handling the product.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits:

No value assigned for this specific material by the New Zealand Workplace Health & Safety Authority.

Biological Limit Values: As per the WorkSafe New Zealand the ingredients in this material do not have a Biological Limit Allocated.

Engineering Measures: If in the handling and application of this material, safe exposure levels could be exceeded, the use of engineering controls such as local exhaust ventilation must be considered and the results documented. Ventilation must be adequate to maintain air concentrations below Exposure Standards. Use only in well-ventilated areas. Avoid generating and inhaling dust.

Personal Protection Equipment: For instances or repeated or prolonged contact use rubber gloves, suitable protective clothing (i.e., overalls or full-length sleeves and trousers). Use a dust mask or respirator and enclosed goggles if generating dust.

Personal protective equipment (PPE) must be suitable for the nature of the work and any hazard associated with the work as identified by the risk assessment conducted.

Use with adequate ventilation. If inhalation risk exists, wear organic vapour/particulate respirator meeting the

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requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of dusts.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Powder of Liquid
(depends on the product form)
Colour: Dark Blue
Odour: Odourless

Solubility: Completely miscible with water
Specific Gravity: 0.8-1.0 g/cm³
Vapour Pressure (20 °C): Negligible
Flash Point (°C): Not applicable
Flammability Limits (%): Not applicable
Autoignition Temperature (°C): Not applicable
Melting Point/Range (°C): Not applicable
Boiling Point/Range (°C): Not available
pH: 5-6

10. STABILITY AND REACTIVITY

Chemical stability: This material is stable when stored and used as directed.

Conditions to avoid: Direct sunlight. Extremely high or low temperatures.

Incompatible materials: Strong acids or bases. Oxidizing agents. Reducing Agents.

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced. When exposed to high temperatures may produce carbon monoxide and dioxide, smoke, nitrogen oxides (NO_x).

Hazardous reactions: No information available.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: No known effects

Skin contact: No known effects

Ingestion: No known effects

Eye contact: No known effects

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Acute Toxicity

Substance	Species	Result
REGEN-Blue powder	Rat (oral)	LD50 -> 2000 mg/kg

Sensitisation: No information available

Aspiration hazard: No information available

Specific target organ toxicity (single exposure): No information available

Chronic Toxicity

Mutagenicity: No information available

Carcinogenicity: No information available

Reproductive toxicity (including via lactation): No information available

Specific target organ toxicity (repeat exposure): No information available

12. ECOLOGICAL INFORMATION

Acute aquatic hazard:

Toxicity to fish:

Substance	Species	Result
REGEN-Reflect	Fish	LC50 -> 100 mg/L

Long-term aquatic hazards: No information available

Ecotoxicity in the soil environment: No information available

Ecotoxicity to terrestrial vertebrates: No information available

Ecotoxicity to terrestrial invertebrates: No information available

Ecotoxicity: No information available

Persistence and degradability: No information available

Bioaccumulative potential: No information available

Mobility: No information available

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible, material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local and national regulations

14. TRANSPORT INFORMATION

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ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

UN No: NA
Dangerous Goods Class: NA
Packing Group: NA
Emergency Response Guide No: NA

Proper Shipping Name: NA

15. REGULATORY INFORMATION

All components of this product are listed on or exempt from the New Zealand Inventory of Chemical (NZIoC).

HSNO Approval Code: N/A

16. OTHER INFORMATION

Reason for issue: Updated to latest standards.

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

If you are an employer, it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.

Safety Data Sheets are updated frequently. Please ensure you have a current copy.