



MATERIAL SAFETY DATA SHEET

ROLF C. HAGEN INC., 20500 TransCanada HWY,
Baie d'Urfé, QUEBEC, H9X 0A2
CANADA

Laguna Water Conditioner

pH Adjust up

PT175

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| Section I. Product identification and uses | | Section II. Hazardous ingredients |
|--|--------------------------------|--|
| Product name | Laguna pH adjust up | Potassium Carbonate 8 – 9 % (w/w) C.A.S. 584-08-7 |
| Chemical formula | Mixture | |
| Chemical family | Inorganic salts | |
| Material uses | To raise pH in aquarium water. | |

| Section III. Physical data | |
|-------------------------------------|--------------------------|
| Physical state and appearance/Odour | Clear liquid, odourless. |
| pH | 9.5-10.5 |
| Percent volatile | Not available |
| Freezing point | Not available |
| Boiling point | Not available |
| Specific gravity | 1.2 |
| Vapour density | Not available |
| Vapour pressure | Not available |
| Evaporation rate | Not available |
| Solubility | Soluble in water |

| Section IV. Fire and explosion data |
|-------------------------------------|
| Not applicable. |



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| Section V. Reactivity data |
| Avoid high temperature and contamination. |

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| Section VI. Toxicological properties | |
| Routes of entry | |
| Effects of acute | Non toxic. |
| Eye | Irritating to eyes. |
| Skin | Very slightly irritating. |
| Inhalation | Not available. |
| Ingestion | May cause intestinal discomfort and possibly diarrhea. Large amounts ingested may induce a rapid drop in blood pressure, can cause breathing difficulties and possibly bodily collapse. |
| Effects of chronic overexposure | Not available. |

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| Section VII. First aid measures | |
| Eye contact | Rinse with plenty of water. |
| Skin contact | Rinse with plenty of water. |
| Inhalation | If inhaled, remove patient to fresh air. If symptom persists, obtain medical attention.. |
| Ingestion | Have conscious person drink several glasses of water or milk. Obtain medical attention immediately. |



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Section VIII. Preventive measures

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| Protective clothing in case of spill and leak | See section IX for personal protective equipment. |
| Spill and leak | Absorb spill with inert materials such as clays, sand, earth or vermiculate and place in closed container for disposal. Clean the spill area after product complete removal. DO NOT empty into drain. |
| Waste disposal | According to all applicable regulations. |
| Storage and handling | Does not required special storage or handling. |

Section IX. Protective measures

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|----------------------|----------------|
| Protective clothing | None required. |
| Engineering controls | None required. |

Section X. Other information

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|---------------------------------|---|
| Special precautions or comments | Always wash hands after product manipulation and before eating. |
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Prepared by Rolf C. Hagen Inc.
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