



MATERIAL SAFETY DATA SHEET

ROLF C. HAGEN INC., 3225 SARTELON,
MONTREAL, QUEBEC, H4R 1E8

Nutrafin CO2 Natural Plant System Stabilizer

| Section I. Product identification and uses | | Section II. Hazardous ingredients |
|---------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------------------------------------------|
| Product name | CO2 Natural Plant Gro Stabilizer | Sodium sulphite Na2SO3 CAS 7757-83-7 LD 50, LC 50: Not available |
| Chemical formula | Mixture | |
| Chemical family | Mixture | |
| Material uses | CO2 production for freshwater aquariums | |
| Section III. Physical data | | |
| Physical state and appearance/ Odour | White powder solid, ammonia-like odor | |
| pH | 8.17 (1 % aqueous solution) | |
| Percent volatile | Not available | |
| Freezing point | Not available | |
| Boiling point | Not available | |
| Specific gravity | Not available | |
| Vapour density | Not available | |
| Vapour pressure | Not available | |
| Evaporation rate | Not available | |
| Solubility | 9 % w/w at 25 °C (water) | |
| Section IV. Fire and explosion data | | |
| Not combustible | | |
| Section V. Reactivity data | | |
| Stable. Avoid contact with strong bases, sodium hypochlorite, strong oxidizers, acids | | |

| Section VI. Toxicological properties | |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Routes of entry | |
| Effects of acute exposure | May be harmful if swallowed or inhaled. |
| Eye | May cause irritation with contact |
| Skin | May cause irritation with prolonged contact |
| Inhalation | May cause upper respiratory tract irritation |
| Ingestion | May cause mild gastrointestinal discomfort |
| Effects of chronic overexposure | Not available |
| Section VII First aid measures | |
| Eye contact | Flush eyes with large amounts of running water for at least 20 minutes. If the irritation continues consult a physician |
| Skin contact | Wash off in flowing water for at least 5 minutes. If irritation, redness or a burning sensation develops or persists, obtain medical advice |
| Inhalation | Move victim to fresh air. Obtain medical attention if respiratory irritation or distress is present |
| Ingestion | Give 1-2 glasses of water to drink. Seek medical attention. |

| Section VIII. Preventive measures | |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective clothing in case of spill and leak | Wear protective clothes |
| Spill and leak | Sweep-up, place in a bag and hold for waste disposal; wash spill site after material pick up is complete |
| Waste disposal | Observe local environmental regulations |
| Storage and handling | Store in a cool, dry place. Do not store near oxidizing agents, acids or bases. Keep away from heat, sparks and flames. Keep containers closed |

| Section IX. Protective measures | |
|---------------------------------|-------------------------|
| Protective clothing | Wear protective clothes |
| Engineering controls | Not applicable |

| Section X. Other information | |
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| Special precautions or comments | Not applicable |

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| Prepared by Rolf C. Hagen Inc. (514) 332-0914 | Validated November 4, 2003 | FS- |
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