

Safety Data Sheet

MSDS-Co-01g-04

Amended according to Directive 2001/58/EEC, 2003/59/EEC and 2003/82/EEC

7	Handling and Storage	
	Handling	
	Safety Precautions	no special advice
	Fire and Explosive Protection	none
	Storage	
	Storage Conditions	Store in original package only. Sealed packages can be stored for at least six months at temperatures below 4 °C
	Advice for Storage with other Products	none
	Other Information on Storage	none
	Store Classification	11
8	Exposure Controls / Personal Protection	
	Special Advice for Technical Equipment	none
	Maximum Concentrations at Operator's Position	none
	Personal Protective Equipment	not necessary
	General Protection	avoid any contact with the product
	Inhalative Protection	not necessary
	Skin Protection	not necessary
	Eye Protection	not necessary
	Hygiene Recommendations	wash hands after contamination with the product
9	Physical and Chemical Properties	
	Appearance	physical state: solid granules colour: dark brown smell: typical fungi
	Safety Data	
	pH value	product: not relevant in water [100g/l at 20 °C]: 6 – 7
	Boiling point [°C]	not relevant
	Melting Point [°C]	approx. 146 °C
	Freezing Point [°C]	not relevant
	Flashpoint [°C]	not relevant
	Ignition Temperature [°C]	not relevant
	Auto ignition [°C]	no auto ignition up to 400 °C
	Oxidizing Properties	none
	Explosive Properties	general: none upper explosion limit: not relevant lower explosion limit: not relevant
	Density [kg/m³ at 20 °C]	not relevant
	Bulk Weight [kg/m³ at 20°C]	460 – 500
	Vapour Pressure	not relevant
	Solubility/Miscibility in Water	insoluble / dispersible in water
Partition Coefficient (o/w)	not available	
10	Stability and Reactivity	
	Thermal Decomposition / Conditions to be Avoided	do not store under wet conditions, avoid long-term exposure to temperatures above 20 °C
	Hazardous Reactions	susceptible to fungicides, acids and hydroxides, products attacking organic material
	Hazardous Decomposition Products	none
	Other Information	no hazardous reactions known

Safety Data Sheet

MSDS-Co-02-04

Amended according to Directive 2001/58/EEC, 2003/59/EEC and 2003/82/EEC

11	Toxicological Information	
	Acute Toxicity	LD50 oral: rat: > 2500 mg/kg (OECD 401) LD50 dermal: rat: > 2500 mg/kg (OECD 402) LC50 inhalative: rat: > 12.74 mg/L air, 4h exposure (OECD 403 and EC guideline B.2) skin irritation: rabbit: non-irritant (OECD 404) eye irritation: rabbit: non-irritant (OECD 405) skin sensitization: guinea-pig: no sensitizing properties (OECD 406 and EC guideline B.6)
	Effects after Repeated or Long term exposure	not relevant
	Carcinogenicity, Teratogenicity, Effects on Reproduction	not relevant
	Practical Experiences	Observations for Classification: none Other Observations: none
12	Ecological Information	
	Persistence and Decomposition	physical/chemical: thermal combustion at 600 °C without any residues or hazardous products. biological: readily biodegradable
	Environmental Behaviour	mobility: immobile bio-accumulation: none
	Other Information	none
	Ecological Effects	toxicity to aquatic organisms: acute toxicity / fish: > 100 mg/L, 96h (OECD 203) acute toxicity / Daphnia: > 100 mg/L, 48h (OECD 202) acute toxicity / algae: > 100 mg/L, 72h (OECD 201) effects on water plants: not available
	Effects on Waste Water Treatment	none
13	Disposal	
	Product	Spray remaining product dispersed in liquid manure. Small amounts can be added to compost.
	Packages	Recommendations: dispose of in accordance with local regulations Cleaning Agent: no special cleaning necessary
14	Transport Information	
	Transport Conditions	land: no restrictions sea: no restrictions air: no restrictions
	Other Information	none
15	Regulatory Information	
	EEC Classification	none
	Hazard Symbol / Labelling	Xn - Harmful
	R-phrases	R42
	S-phrases	S2, S13, S20/21, S22, S35, S36/37/39
	National Regulations	UK
	Other Regulations	none
16	Other Information	
	The purpose of the above information is to describe the product only in terms of health and safety requirements. The information given should not, therefore, be construed as guaranteeing specific properties or as a specification. Customers should satisfy themselves as to the suitability and completeness of such information for their own particular use.	
	Contact Person	Dr. Peter Lüth, Prophyta, phone: +49/38425/230