

Safety data sheet
According to EC Directive 2001/58/EEC

1. Identification of the substance/preparation and of the company/undertaking

1.1	Identification of the substance/preparation	COLOR POWDER (GULAL)
1.2	Use of the substance/preparation	SPORTS AND FESTIVALS

1.5 Date of issue/revision 29.7.14

2. Composition/Information on ingredients

2.1 Chemical characterization (specification)

2.1.1 CAS-No. description according to EC Directive NA
2.1.2 Additional reference

2.2. Chemical characterization (preparation)

2.2.1. Hazardous ingredients	EINECS-No.	CAS-Nr.:	% mass	R-phrases	Symbol

2.2.2. Additional information NA

3. Hazards Identification

3.1 Classification according to §3 Chemical Law

3.2 Characterization of hazards No specific hazards known according to Chemical Law

3.3 Special hazards to human health and the environment

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4. First aid measures

4.1 General recommendations

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4.2 After inhalation

Drink enough water. vomit it out. consult physician.

4.3 After skin contact

Non hazardous

4.4 After eye contact

Wash with enough water

4.5 After ingestion

Consult physician

4.6 Advice to doctor

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5. Fire fighting measures

5.1 Suitable extinguishing media water

5.2 Improper extinguishing media -

5.3 Specific hazards through substance, products or gas originating from combustion -

5.4 Special protective equipment wear protective clothing

5.5 Further information -

6. Accidental release measures

6.1 Person-precautions

Observe protective measures in pt. 8

6.2 Environmental precautions

Do not empty into drains (sewerage system, rivers, soils, etc.) but fill into tightly closed containers sweep up after spilling/leaking; little amounts can be washed away with plenty of water

6.3 Methods for cleaning up/taking up

6.4. Additional information

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7. Handling and storage

7.1 Handling

7.1.1 Precautions for safe handling

In case of proper use, no specific measures are necessary

7.1.2 Fire/explosion preventing measures

Keep away from sources of ignition; do not smoke

7.2 Storage

7.2.1 Requirements for storage rooms and vessels

Keep only in the original container

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7.2.2	Advice on storage compatibility	-
7.2.3	Further information on storage conditions	-
7.2.4	Storage classification	-
8. Exposure controls and personal protection		
8.1	Additional information on fitting technical facilities	-
8.2	Exposure limit values	
8.2.1.	CAS-No., Hazardous ingredient, Code, Value, Unit	-
8.2.2.	Additional information	-
8.3.	Personal protective equipment	
8.3.1	Respiratory protection	~Wear mask
8.3.2	Hand protection	
8.3.3	Eye protection	Wear eye protection
8.3.4	Skin protection	-
8.3.5	General protective measures	Keep away from food and drink
8.3.6	Specific hygienic measures	Do not eat or drink while using the product; wash hands before breaks or after work
9. Physical and chemical properties		
9.1	General information	
9.1.1	Form	Powder
9.1.2	Colour	Multi colored
9.1.3	Odour	Charecteristic
9.2	Health, safety and environmental information	
9.2.1	pH-value T=20°C	5-6
9.2.2	Changes in physical state	
9.2.3	Flash point	n.a.
9.2.4	Ignition (solid/gas)	n.a.
9.2.5	Ignition temperature	n.a.
9.2.6	Autoignition (solid/gas)	n.a.
9.2.7	Oxidizing properties	n.a.
9.2.8	Danger of explosion	n.a.
9.2.9	Explosive limits Lower e.l./Upper e.l.:	none
9.2.10	Vapour pressure (TI) 20°C	n.a.
9.2.11	Density (TI) 20°C	2,1615 g/cm ³
9.2.12	Solubility in water T=20°C	360 g/l at 20°C
9.2.13	Partition coefficient n-Octanol/water	n.a.
9.2.14	Viscosity T=°C	-
9.2.15	Solvent separation test	n.a.
9.2.16	Solvent concentration	n.a.
9.3	Further information	-
10. Stability and reactivity		
10.1	Conditions to avoid	-
10.2	Materials to avoid	None, if product is used as directed
10.3	Hazardous decomposition products	-
10.4	Further information	-
11. Toxicological information		
11.1	Toxicological test	
11.1.1	Acute toxicity	LD 50 > 2000 mg/ kg (By aeration)
11.1.2	Specific symptoms in animal tests	
11.1.3	Irritability / Corrosiveness	none according to conventional methods
11.1.4	Sensitization	none according to conventional methods
11.1.5	Effect after repeating or long-term exposure	none according to conventional methods
11.1.6.	Carcinogenicity, mutagenicity, reproductive toxicity	none according to conventional methods
11.1.7	Further information	-
11.2	Practical experience	
11.2.1.	Observation relevant to classification	-
11.2.2.	Further observation	-
11.3.	General remarks	-
12. Ecological information		

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12.1 Persistence and degradability	Biodegradability > 70%
12.2 Procedure in environmental compartments	In case of proper discharge (little concentration) into well adapted sewage treatment plants, no obstructions of the activated sludge activity will occur
12.3 Ecotoxicological effects	
12.3.1. Aquatic toxicity	LC 50 >10mg/ lit (By OECD 301)
12.3.2 Reaction in sewage treatment plants	see 12.2
12.4 Bioaccumulative potential	Doesnot bioaccumalate
12.5.5 General information	
13. Disposal considerations	
13.1 Substance/Preparation	
13.1.1 Disposal recommendations	Dispose of this material to hazardous or special waste collection point, as chemical-physical or thermic treatment may be required. Never dispose of remainders into drains, toilets or dustbins.
13.1.2 Code and name according to European Waste Catalogue	51523 according to Ö-Norm S2101 or 20 01 30 according to EWC
13.2 Contaminated packaging	
13.2.1 Disposal/cleaning recommendations	Dispose of contaminated packaging according to regulations of local authorities
13.2.21 Recommended cleansing agent	Water
14. Transport information	
14.1 Land transport ADR/RID and GGVS/GGVE	
14.1.1. UN-No.	-
14.1.2 Classification	No dangerous good according to ADR
14.1.3. Designation of goods	-
14.1.4. Packaging group	-
14.1.5. Remarks	-
14.2 Inland waterway transport ADN/ADNR	No dangerous good according to ADN
14.2.1. UN-No.	-
14.2.2 Classification	-
14.2.3. Designation of goods	-
14.2.4. Packaging group	-
14.2.5. Remarks	-
14.3 Sea transport IMDG/GGVSea	
14.3.1. UN-No.	-
14.3.2 Marine pollutant	-
14.3.3. Exact technical name	-
14.3.4. Packaging group	-
14.3.5. Remarks	-
14.4 Air transport ICAO-TI and IATA-DGR	No dangerous good according to ICTO-TI
14.4.1. UN-No.	-
14.4.2 Classification	-
14.4.3. Exact technical name	-
14.4.4. Packaging group	-
14.4.5. Remarks	-

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14.5. Transport / further information

15. Regulatory information

15.1 Labelling according to EC-regulations

15.1.1	Labelling	Product has been classified according to EC directives, but doesn't have to be labelled
15.1.2	Hazards symbols and hazard classification	-
15.1.3	Hazardous component(s)	-
15.1.4	H Statement (s)	- H 303/316
15.1.5	S-phrases substance/preparation	S1/2 – Keep locked up and out of the reach of children. S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 - After contact with skin, wash immediately with plenty of water. S37/38 - Wear suitable gloves and eye/face protection
15.1.6	Specific labelling	-
15.2 National regulations		
15.2.1	Restriction of occupation	-
15.2.2	Decree of interference/remarks	n.a.
15.2.3	Classification according to VbF/remarks	n.a.
15.2.4	Water hazard class	

16. Other information

16.1. Reference: SDS of suppliers, own lab data,

16.2. Abbreviations: n.a. = not applicable
n.d. = not determined

16.3 List of relevant R-phrases -R36/37/38

16.4 Changes to the previous SDS are marked by frames on the right hand side.

The information of this safety data sheet refers to the named product only, it may not apply, however, if the product is used or manufactured with other materials. The details are based on our present state of knowledge and experience and characterize the product with regard to the appropriate safety precautions. They do not represent a guarantee of the properties of the product.