

TRADE NAME	BIOGLIT – HIGH PERMOMANCE METALLISED COMPOSTABLE GLITTER	
NOTE	<i>Safety Data Sheet in accordance with Regulation (EU) 2015/830. The article object of this safety data sheet is not dangerous, is therefore not required to provide a safety data sheet under the EC Regulation 1272/2008 (CLP) and the EC Regulation 1907/2006 (REACH), Article 31 and its subsequent amendment, in particular Regulation (EU) 2015/830.</i>	
1	IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING	
1.1	PRODUCT IDENTIFIER:	GLITTER BIOGLIT COMPOSTABLE
	SIZE IDENTIFIER:	X006 - X008 - X015- X025- X040- X060
	COLOR IDENTIFIER:	C1 - C2 - C3 - C4 - C5 (SEE BELOW)
1.2	RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE:	decorative material
1.3	DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:	
	MANUFACTURER:	TABOR S.r.l.
	ADDRESS:	Via Risorgimento 222 - 22070 - Cassina Rizzardi (Como - Italy)
	TELEPHONE:	+39 - 031.928.000
	E-MAIL TECHNICAL RESPONSIBLE:	luigi.taborelli@taborglit.com
1.4	EMERGENCY TELEPHONE NUMBER:	+39 - 031.928.000
2	HAZARDS IDENTIFICATION	
2.1	CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:	The product is not classified as dangerous, under the EC Regulation 1907/2006 (REACH).
	CLASSIFICATION OF DANGER:	None
2.2	LABEL ELEMENTS:	The product should not be labeled in accordance with the guidelines for the preparation of the products (EU directives: 67/548 / EEC and 1999/45 / EC)

2.3	OTHER HAZARDS:	This product contains no substances which are assessed to be PBT or vPvB					
3	COMPOSITION/INFORMATION ON INGREDIENTS						
3.1	SUBSTANCES						
	NAME	SYMBOLS, R-,S, H-PHRASES	WEIGHT	CAS-no	TSCA ID	DSL	FDA
	cellulose film	Non-hazardous substance	85,4 – 87,1 %	67924-34-9	22596	67924-34-9	FDA ref# 21
	Aluminium	R10-15 S (2)-7/8-43 H226, 261	0,5 %	7429-90-5	14795	7429-90-5	
	Polyurethane coating	Non-hazardous substance	2,5 %	6825-82-2	41296	6825-82-2	-----
	Solvents	Non-hazardous substance	0 - 1%				
	Solvent black 11	Non hazardous substance	0 - 1%	12237-22-8	17884	12237-22-8	-----
	Solvent yellow 82	Non hazardous substance	0 - 1%	12227-67-7	13132	12227-67-7	-----
	Solvent red 104	Non hazardous substance	0 - 1%	12227-55-3	18056	12227-55-3	-----
	Solvent orange 45	Non hazardous substance	0 - 1%	13011-62-6	18109	13011-62-6	-----
	Solvent blue 5	Non hazardous substance	0 - 1%	1325-86-6	8316	1325-86-6	-----
3.2	MIXTURES		Not relevant				
4	FIRST AID MEASURES						
4.1	DESCRIPTION OF FIRST AID MEASURES:		EYE CONTACT:	Rinse immediately with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist			
			SKIN CONTACT:	Wash with water and soap as a precaution. In the case of skin irritation or allergic reactions see a physician.			
			INGESTION:	Clean mouth with water and afterwards drink plenty of water. Consult a physician for severe cases			
			INHALATION:	Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. If symptoms persist, call a physician.			
4.2	MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:		There are no known specific information on symptoms and effects caused by the product				

4.3	INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:	No particular indication
5	FIREFIGHTING MEASURES	
5.1	EXTINGUISHING MEDIA:	Use means and fire extinguishers compatible with the specific environmental conditions (carbon dioxide, foam, dust and water spray)
5.2	SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:	Bioglit satisfies the requirements of EN71-2-2011 safety of Toys- flammability Do not breathe combustion products. If Cellulose film involved in a fire, they will continue to burn freely provided sufficient oxygen is present and even if the source of ignition is removed The major constituents of the fumes evolved are: Carbon dioxide, carbon monoxide and water vapor
5.3	ADVICE FOR FIREFIGHTERS:	Cool with water jets the containers to prevent product decomposition and the development of substances potentially hazardous to health. Always wear full fire prevention gear. Collect the water that should not be discharged into drains. Dispose of contaminated water used for extinction and the remaining fire according to applicable regulations. EQUIPMENT Normal clothing for fire fighting, such as a compressed air breathing apparatus open circuit (EN 137), complete flame retardant (EN469), flame-resistant gloves (EN 659) and boots for the Fire Brigade (HO A29 or A30).
6	ACCIDENTAL RELEASE MEASURES	
6.1	PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:	None
6.2	ENVIRONMENTAL PRECAUTIONS:	None
6.3	METHODS AND MATERIAL FOR CLEANING UP:	Collect the product with the available mechanical means (vacuum, broom, etc.). Reuse if possible or dispose in accordance with current regulations.



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6.4	REFERENCE TO OTHER SECTIONS:	Any information on personal protection and disposal is given in sections 8 and 13.
7	HANDLING AND STORAGE	
7.1	PRECAUTIONS FOR SAFE HANDLING:	Handle the product after consultation with all other sections of this SDS. Avoid spray drift environment. Do not eat, drink or smoke while handling it. Remove contaminated clothing and protective equipment before entering areas in which you eat.
7.2	PRECAUTIONS FOR SAFE HANDLING:	Store only in the original container. Store closed containers in well-ventilated place, away from direct sunlight. Store containers away from any incompatible materials, checking section 10.
7.3	SPECIFIC END USE:	Information not available
8	EXPOSURE CONTROLS/PERSONAL PROTECTION	
8.1	CONTROL PARAMETERS:	these products do not contain any relevant quantities of materials with critical values that have to be monitored in the workplace.

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8.2	EXPOSURE CONTROLS:	<p>Given that the use of appropriate technical measures should always have priority over personal protection equipment, ensure good ventilation in the workplace through effective local aspiration. The individual protection devices must bear the CE marking attesting their compliance with applicable regulations.</p> <p>HAND PROTECTION Protect your hands with work gloves category III (ref. Standard EN 374). For the final choice of work glove material it should be taken into consideration: compatibility, degradation, breakage times and permeation. The gloves have a wear time that depends on the duration and mode of use.</p> <p>SKIN PROTECTION Wear work clothing with long sleeves and safety footwear for professional use category I (ref. Directive 89/686 / EEC and standard EN ISO 20344). Wash with soap and water after removing protective clothing.</p> <p>EYE PROTECTION It is advisable to wear protective airtight goggles (ref. Standard EN 166).</p> <p>RESPIRATORY PROTECTION It is advisable to wear a mask with type B filter, the class (1, 2 or 3) must be chosen in relation to the concentration limit of use. (Ref. Standard EN 14387). In the case were present gas or of a different nature vapors and / or gases or vapors with particles (aerosols, fumes, mists, etc.), need to provide for combined type filters.</p> <p>ENVIRONMENTAL EXPOSURE CONTROLS The emissions from production processes, including those from ventilation should be checked for compliance with the environmental protection legislation.</p>
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9	PHYSICAL AND CHEMICAL PROPERTIES		
9.1	INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES	PHYSICAL STATE:	Silver and coloured pieces of biodegradable film in hexagonal shape
		COLOR:	Different available colors
		ODOUR:	mild characteristic
		ODOUR THRESHOLD:	Not available

		FLASH POINT:	no data available
		BOILING POINT / BOILING – RANGE:	Cannot be measured as decomposition occurs first
		RELATIVE DENSITY:	1,4 g/cm ³ at 20°
		SOLUBILITY (IN WATER):	Insoluble
		PH VALUE:	Not applicable
		HEAT RESISTANCE	180 C°
		FLAMMABILITY (EEC A10/A13):	Not applicable
		IGNITION POINT:	>300 C°
		AUTOFLAMMABILITY (EEC A16):	Not self-igniting
		FLAME PROPERTIES:	Not applicable
		EXPLOSION HAZARD:	Doesn't present explosive hazard
		VAPOUR PRESSURE:	no data available
		SPECIFIC WEIGHT:	1,4 g/cm ³
		PARTITION COEFFICIENT, N-OCTANOL / WATER:	between 0.4 e 0.5 kg/dm ³ – depend for the sizes of glitter
		VISCOSITY:	Insoluble in water
		VAPOUR DENSITY:	Not applicable
		EVAPORATION RATE:	Not applicable
9.1	OTHER INFORMATION:	Information not available	
10	STABILITY AND REACTIVITY		
10.1	REACTIVITY:	no data available	
10.2	CHEMICAL STABILITY:	 No dangerous reaction known under conditions of normal use. Avoid contact with open flame	
10.3	POSSIBILITY OF HAZARDOUS REACTIONS:	No dangerous reaction known under conditions of normal use	



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10.4	CONDITIONS TO AVOID:	Aggressive acids, bases and oxidizing agents	
10.5	INCOMPATIBLE MATERIALS:	None	
10.6	HAZARDOUS DECOMPOSITION PRODUCTS :	no data available	
11	TOXICOLOGICAL INFORMATION		
11.1	INFORMATION ON TOXICOLOGICAL EFFECTS:	SHORT TERM EXPOSURE:	Persistent cough, difficulty breathing
		LONG TERM EXPOSURE:	Not known
		CHRONIC TOXICITY:	Not known
		CARCINOGENICITY:	IARC: no component of this product presenta t levels greater than or equal to 0,1% is identified as probable, possible or confirmed human carcinogen by IARC
	MUTAGENICITY:	Not known	
12	ECOLOGICAL INFORMATION		
12.1	TOXICITY:	not ecotoxic to fish or other aquatic life	
12.2	PERSISTENCE AND DEGRADABILITY:	Biodegrades in natural environment: tested using ISO 14851 for freshwater biodegradation, 87% biodegradation achieved in 28 days	
12.3	BIOACCUMULATIVE POTENTIAL:	Information not available	
12.4	MOBILITY IN SOIL:	Information not available	
12.5	RESULTS OF PBT AND vPvB ASSESSMENT:	On the basis of available data, the product does not contain PBT or vPvB substances	
12.6	MOBILITY IN SOIL:	Information not available	
13	DISPOSAL CONSIDERATIONS		
13.1	WASTE TREATMENT METHODS:	Cellulose film are water insoluble, ground and ground water neutral. The disposal of Bioglit in supervised compost sites is clean and effective and will result in biodegradation in	

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		presence of suitable micro-organism and favourable condition. All pigment used to colour the film are certified "OK compost"
14	TRANSPORT INFORMATION	
14.1	UN NUMBER:	Non applicable
14.2	UN PROPER SHIPPING NAME:	The product is not classified for any mode of transportation dangerous..
14.3	TRANSPORT HAZARD CLASS(-ES):	Non applicable
14.4	PACKING GROUP:	The product is not classified for any mode of transportation dangerous.
14.5	ENVIRONMENTAL HAZARDS:	Non applicable
14.6	SPECIAL PRECAUTIONS FOR USER:	Non applicable
14.7	TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE:	Non applicable
15	REGULATORY INFORMATION	
15.1	SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE:	No chemical safety assessment has been processed for the mixture and the substances contained therein.
15.2	CHEMICAL SAFETY ASSESSMENT:	No chemical safety assessment has been processed for the mixture and the substances contained therein.
16	OTHER INFORMATION	



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GENERAL BIBLIOGRAPHY	<ol style="list-style-type: none"> 1. Regulation (EU) 1907/2006 of the European Parliament (REACH) 2. Regulation (EC) 1272/2008 of the European Parliament (CLP) 3. Regulation (EU) 790/2009 of the European Parliament (I Atp. CLP) 4. Regulation (EU) 2015/830 of the European Parliament 5. Regulation (EU) 286/2011 of the European Parliament (ATP II. CLP) 6. Regulation (EU) 618/2012 of the European Parliament (ATP III. CLP) 7. Regulation (EU) 487/2013 of the European Parliament (IV ATP. CLP) 8. Regulation (EU) 944/2013 of the European Parliament (V ATP. CLP) 9. Regulation (EU) 605/2014 of the European Parliament (VI ATP. CLP) 10. The Merck Index. - 10th Edition 11. Handling Chemical Safety 12. INRS - Fiche Toxicologique (toxicological sheet) 13. Patty - Industrial Hygiene and Toxicology 14. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition 15. Web Site ECHA Agency
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CHANGES COMPARED TO PREVIOUS VERSION	None
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FINAL NOTE

All details noted in this data sheet correspond to our knowledge at the time this data sheet has been put into effect. This information should be used as a guideline for a safe treatment in accordance with the products mentioned in our material safety data sheet, during storage, production, transport and disposal. This information is not applicable to other products, to newly produced materials, if the product mentioned in this material safety data sheet is mixed or blended with other articles or when other transformations are made to it. The information contained in this safety document has been brought up to date as indicated on its first page. If the data is further up-dated, we will send you a new revised document.

COLOURS REFERRING TO THE CODES INDICATED IN SECTION 1.1					
CODE	COLOR				
C1	SILVER				
C2	GOLD				
C3	RED				
C4	GREEN				
C5	BLUE				