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1	1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION			
1.1	Product name	BUR – BIBIELLE UNITIZED WHEELS QUICK CHANGE DISCS TYPE R		
1.2	Description and use of the product	Abrasive material for mechanical industry. Industrial and professional use. Do not use for other purposes		
	Company name	BIBIELLE S.p.A. a Socio Unico		
	Address	Via Cuneo, 35 - 12040 Margarita (CN), Italy		
1.3	Telephone number	+39 0171 793800		
	Fax number	+39 0171 793001		
	E-mail address of the competent person responsible for Safety Data Sheet	bibielle@bibielle.com		
1.4	Emergency phone number	Poison control centers in Italy ROMA CAVp "Osp. Pediatrico Bambino Gesù". Tel: 0039 06 68593726 FOGGIA Az. Osp. Univ. Foggia. Tel: 0039 0881 732326 MILANO Ospedale Niguarda Ca' Granda. Tel: 0039 02 66101029 NAPOLI Ospedale Riuniti Cardarelli. Tel: 0039 081 7472870 ROMA Policlinico Agostino Gemelli. Tel: 0039 06 3054343 ROMA Policlinico Umberto I. Tel: 0039 06 490663 PAVIA CAV Centro Naz. di Informazione Tossicologica. Tel: 0039 0382 24444 BERGAMO Azienda Ospedaliera Papa Giovanni XXII. Tel.: 0039 800 883300 FIRENZE Az. Osp. "Careggi" U.O. Tossicologia Medica. Tel.: 0039 055 7947819 VERONA Azienda Ospedaliera Integrata. Tel: 800011858		





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2 HAZARDS IDENTIFICATION GHS Symbols and hazard labelling according to Reg. 1272/2008/EC PREAMBLE. UNITIZED WHEELS - BUH/BUR SERIES ARE ABRASIVE ARTICLES. IT IS NOT A CHEMICAL MIXTURE, ACCORDING TO 21 DEFINITIONS OF OSHA STANDARDS FOR HAZARD LABELING 1910.1200 AND ACCORDING TO REG. 1272/2008/UE. "ARTICLE" MEANS A MANUFACTURED ITEM OTHER THAN A FLUID OR PARTICLE: (I) WHICH IS FORMED TO A SPECIFIC SHAPE OR DESIGN DURING MANUFACTURE; (II) WHICH HAS END USE FUNCTION(S) DEPENDENT IN WHOLE OR IN PART UPON ITS SHAPE OR DESIGN DURING END USE; AND (III) WHICH UNDER NORMAL CONDITIONS OF USE DOES NOT RELEASE MORE THAN VERY SMALL QUANTITIES, E.G., MINUTE OR TRACE AMOUNTS OF A HAZARDOUS CHEMICAL, AND DOES NOT POSE A PHYSICAL HAZARD OR HEALTH RISK TO EMPLOYEES This informative product safety data sheet is voluntary. When applicable, it follows the European Union REGULATION 878/2020 CRITERIA, ALTHOUGH SAFETY DATA SHEETS SHOULD BE APPLICABLE TO CHEMICAL SUBSTANCES AND MIXTURES AND NOT TO ARTICLES HAZARDS CLASSIFICATION ACCORDING TO OSHA AND TO GHS CRITERIA OF CHEMICALS ARE NOT DIRECTLY APPLICABLE TO THIS ABRASIVE ARTICLE NO GHS PICTOGRAMS AND NO GHS HAZARD STATEMENTS ARE APPLICABLE TO THIS ABRASIVE ARTICLE NO GHS PRECAUTIONARY STATEMENTS ARE APPLICABLE TO THIS ABRASIVE ARTICLE. HOWEVER, PRECAUTIONARY STATEMENTS AND OTHER TECHNICAL INFORMATIONS IN FOLLOWING SECTIONS ARE GIVEN CONCERNING THE METHOD OF USE (MATERIAL ABRASION PROCESSES) **NOT HAZARDOUS** not directly applicable to abrasive articles **NO GHS PICTOGRAM** not directly applicable to abrasive articles Label elements NOT HAZARDOUS, NO GHS PICTOGRAM not directly applicable to abrasive articles Substances to be indicated on the label Not applicable **Hazard statements** 2.2 not directly applicable to abrasive articles No hazard statements **Precautionary statements** not directly applicable to abrasive articles P 260 Do not breathe dust P 280 Wear protective gloves/eye/face protection Other hazards The mixture meets criteria for PBT according to Reg. Not applicabile 2.3 (EC) 1907/2006, all. XIII The mixture meets the criteria for vPvB according to Not applicabile

Reg.(EC) 1907/2006, all. XIII





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	Other hazards	Risks about its use should be assessed by the safety management system of any downstream user, concerning specific material abrasion processes		
3	COMPOSITION / INFORMATION ON INGREDIENTS			
3.1	Substances: not applicable			
3.2	Mixtures: not applicable This material is an article containing abrasive substances	on a specific shape of inert solid matrix		

This product/article consists of abrasive powders supported on an inert matrix consisting of a nylon support (polyamide 6,6) and an inert adhesive polymeric film

Abrasive material supported and binded

Matrix	Substance**	Hazard pictogram		CAS N.	EC N.
Watiix	Jubstance	Reg. EC 1272/2008	Reg. EC 1272/2008		LO N.
	Corundum/Aluminium oxide* Al ₂ O ₃ Reach reg. N.: 01-2119529248-35-xxxx			1344-28-1	215-691-6
		TSCA 8(b) inventory	Listed		
Abrasive		RTECS	BD1200000		
powders	Silicon carbide (CSi)			409-21-2	206-991-8
	Reach reg. N.: 01-2119402892-42-xxxx	TSCA 8(b) inventory	Listed		
	No fibers of silicon carbide are used	RTECS	VW0450000		

^{*:} The word Corundum is defined as a natural form of alumina containing small amounts of iron, magnesium and silica impurities

Structural support

Matrix	Structural component	Hazard pictogram	Hazard classification	
Support	Nylon (poliamide 6,6)	No GHS pictogram	Not hazardous	
Binder	Inert polymeric film	No GHS pictogram	Not hazardous	
Locking System	Reinforced Nylon or plastic material	No GHS pictogram	Not hazardous	

No additional ingredients, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, meet the PBT or vPvB criteria or are considered to be of equivalent concern substances or substances which It has been assigned a workplace exposure limit and hence require reporting in this section. No nanocompounds are used

The upper limits of the ranges of concentration are excluded

Occupational exposure limits, if available, are listed in Section 8

4 FIRST AID MEASURES

Premise

The following recommendations are basic rules when using the abrasives applied and must be supplemented by information on the safety data sheets of the working material and any eventual refrigerant used

	Description of first aid measures, in the case of dust projections				
4.1	Eye contact	Rinse opened eye for several minutes under running water and seek immediate medical advice, showing this MSDS			
	Skin contact	Remove contaminated clothes. Immediately wash with water and soap and rinse thoroughly.			
	Swallowing	Drink water and seek immediate medical advice, showing this MSDS			
	Inhalation	Supply fresh air; consult doctor in case of complaints			
	Other informations	Immediately remove contaminated clothing			

^{**:} Differences in the % composition of the abrasive powdery mixture do not involve any modifications to the classification of material hazards according to the current Regulations (see also § 8). The amount of Corundum and Silicon carbide can be different according to the specific commercial article code. Small amounts of not hazardous components and/or impurities can be present in the solid matrix





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control center. No				
control center. No				
control center. No				
This abrasive material is not flammable. Abrasives substances are not combustible. Substances of the support material contain solid fuels (type A fireworks). In the event of a fire, the following extinguishing media may be used: carbon dioxide (CO ₂ , foam, chemical powders, in the case of very large fire extinguishing even spray water spray				
None of the abrasive material, to be evaluated also in the context of the general context of use, of the materials subject to abrasion processes and resulting powders				
In case of fire exposed at high temperatures the present organic substances may partially decompose and burn by releasing carbon oxides and other oxidized organic compounds				
Use protection for the respiratory tract. Cool fire exposed containers with water				
Cool with water jets containers to avoid product decomposition and the development of substances potentially hazardous to health. Always wear complete fire protection equipment. Collect extinguishing water that should not be discharged into drains. Dispose of contaminated water used for fire extinguishing and residues according to applicable regulations. Use normal fire fighting clothing such as an open-air compressor (EN 137), full flame retardant (EN469), flame retardant gloves (EN 659) and fire brigade boots (HO A29 or A30)				
Personal precautions, protective equipment and procedures in case of emergency				
s _co _a_p				



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7	HANDLING AND STOR	RAGE					
7.1	Handling		Wash hands thore and / or eating. At not ingest. The product, uses specific technical not require specific produce dust durin Do not smoke, dried	void contact wit d under the no instructions, do ic vapor capture ng the abrasion	h eyes, do not ormal conditions ses not contain e systems, but process.	of use recom volatile compor precautions mu	mended in the unds and does
			Store in original	nackaging clo	sod and away	from sources	of host Use
7.2	Storage		appropriate storag		seu anu away	nom sources	or near. Ose
7.3	Specific end use(s)		Abrasive material Do not use for other		industry. Industr	ial and professi	onal use.
			<u> </u>				
8	EXPOSURE CONTRO	LS / PEF	RSONAL PROTE	CTION			
	Control parameters						
				USA OSHA 2020 TWA [mg/m³]		GERMANY DFG 2020 TWA [mg/m³]	
8.1	Exposure limit values	Component		Inhalable fraction	Respirabile fraction	Inhalable fraction	Respirabile fraction
0.1	(IFA_GESTIS -	Silicon	carbide	15	5		
	http://limitvalue.ifa.dguv.de/)	Corund	um [Al ₂ O ₃]	15	5	4	1,5
		Not clas	10 mg/m³ inhalable fraction (TWA 8 hours, ACGIH 2020) 3 mg/m³ respirabile fraction (TWA 8 hours, ACGIH 2020)				CGIH 2020) CGIH 2020)
	Hygiene and personal protective measures	For the handling and storage of abrasive material as such, no specific precautionary technical measures are required. During operation, refer to the operating instructions of the operating machines and the National Regulations and carefully observe the maximum operating speeds indicated. When using in mechanical machining, use a localized suction system according to the material being machined; It is preferable to have availability near an eye fountain.					
	Exposure control (deper	nding als	o on the specific a	abrasion proce	ss method and	related mater	ials)
8.2	Respiratory protection	tract by whose respirate such as	use, as a result of means of collective class (1, 2 or 3) so ors and components NIOSH (USA), Con, use a fully flush	ve suction syste hould be select s tested and app EN (US), EN 1	ems or individuated in relation to proved by the re 4387. If the re	al devices (A-to to the limit con elevant standard	ype filter mask centration Use dization bodies,
8.2	Eyes protection	During devices	use, as a result of according to the (USA) or EN 166 (E	of dust producti requirements	ion, protect eye		





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Hands protection	Leather or PVC working gloves (EN 374)
Thermal hazards	Not applicable in relation to the intended use. Wear heat-resistant gloves in case of thermal hazards
Skin protection	The use of protective clothing for the skin and body is not strictly necessary for normal use, but it is advisable to wear ordinary work clothing for general skin protection in relation to the use and associated risks assessed
Other informations	Keep away from foodstuffs. Wash hands thoroughly after handling the product. Keep working clothes separately. Immediately remove contaminated clothing. Follow the local Safety Management standards and instructions.

Information on basic physical and chemical properties			
Appearance	Solid abrasive material (different colours)		
PH	Not applicable		
Odour	Odourless		
Odour threshold	Not applicable		
Density at 20°C	No available data for the abrasive product		
Relative vapour density (dry air = 1)	No available data for the abrasive product		
Flash point	Not applicabile for the abrasive product		
Melting temperature	Not applicabile for the abrasive product		
Boiling temperature	Not applicabile for the abrasive product		
Self-ignition temperature	The abrasive material is not combustible. The support material has a self-ignition temperature> 300°C		
Decomposition temperature	> 250°C, with reference to the components of the support materia		
Explosive range	No available and applicable data for the components of § 3		
Comburent properties	Not applicable		
Vapour pressure at 20°C	Not significant for the abrasive product		
Water solubility	Insoluble		
Solvent solubility	Insoluble		
Partition coefficient n-octanol/water (log Pow)	No available and applicable data for the components of § 3		
Other informations			
VOC (Directive 2010/75/EC)	< 0,1%		
VOC (volatile carbon)	< 0,1%		





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10	STABILITY AND REACTIVITY		
10.1	Chemical stability The abrasive product is stable under recommended conditions of use and storage		
10.2	Possibility of dangerous reactions	In contact with strong acids, strong alkaline agents, and strong oxidants may give rise to reactions	
10.3	Conditions to avoid	Avoid strong and prolonged overheating, in uncontrolled conditions and with triggers	
10.4	Incompatible materials	Strong acids, strong bases, and concentrated oxidants or concentrate reducing agents, which may alter product characteristics, particularly adhesive, and create safety hazards when mills are used on machines	
10.5	Hazardous decomposition products	Dangerous vapors/gases such as carbon monoxide, carbon dioxide and nitrogen oxides can be produced for overheating and decomposition at temperatures above 250°C	

	products	temperatures above	250°C		
11	TOXICOLOGICAL INFO	RMATIONS			
	Toxicological effects				
			ed. The data refer to the abrasive substances present estimated figure based on component weight calculation)		
	Acute toxicity	Al ₂ O ₃ (Corundum)	> 5000 mg/Kg - DL50, oral rat (IUCLID Data Sheet, European Chemical Bureau)		
		Silicon carbide	No available data		
	Effects on eye	Mechanical eye irritation: S	Based on available data, the classification criteria are not met Mechanical eye irritation: Symptoms may include irritation, redness, corneal abrasions, and tearing. The dust that forms during use can cause eye irritation		
11.1	Effects on skin	Based on available data, the classification criteria are not met Mechanical skin irritation: Symptoms may include itching and erythema			
11.1	Sensitisation	Based on available data, the classification criteria are not met			
	Inhalation	Based on available data, the classification criteria are not met. Irritation (upper respiratory tract): Symptoms may include pain in the nose and throat, cough, sneezing. Dust and fibers that forms during use can cause irritation of the respiratory system			
	Ingestion	Based on available data, the classification criteria are not met. Ingestion is not a probable route of exposure to this product			
	Specific target organ toxicity (STOT) - single and repeated exposure	Based on available data, the classification criteria are not met			
	Aspiration hazard	Based on available data, the classification criteria are not met			
	Other adverse effects	Health risks may depend on exposure to materials subjected to abrasion processes			
	CMR properties				
11.2	Carcinogenicity	Studies on workers with chronic exposure to the components of the abrasive produc did not show carcinogenic effects for any of the components			
11.2	Mutagenicity	In vitro and in vivo studies carried out on the components indicate that none of the substances present in the product are genotoxic			
	Reproductive toxicity	Based on available data, the classification criteria are not met			
44.0	Other information: metab and long term effects	oolism, kinetics, mechanis	m of action, effects on the endocrine system for short		
11.3	No other informations are a	vailable			
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12	ECOLOGICAL INFORMATIONS			
		Acute and chronic toxicity: based on available data the classification criteria are not met. Components of the product are not classified hazardous to aquatic environment.		
		ACUTE ECOTOXICITY		
12.1	Ecotoxicity	Al_2O_3 (Corundum): > 100 mg/l – 96 h, salmo trutta > 100 mg/l – 48 h, daphnia magna CSi (Silicon carbide): no available data		
		CHRONIC ECOTOXICITY		
		No data on chronic ecotoxicity are available for the ingredients of the product		
12.2	Elimination information (persistence and degradability)	No information is available for this product. The abrasive components present are inorganic and are not biodegradable in water and soil		
		No information is available for the product.		
12.4	Mobility in soil	The substances present in the product, mentioned in § 3, do not present significant mobility in the soil.		
12.5	PVB, vPvB substances	None of the substances present in the product is subject to the criteria for PVB or vPvB substances (Annex VIII of the REACH Regulation)		
12.6	Other informations	No other adverse effects are known		

13 DISPOSAL CONSIDERATIONS

The information in this section contains instructions and general notes. The list of identified uses in section 1 for specific information available

1111011	information available					
13.1	Waste treatment methods	Product The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by- products should at all times comply with the law on environmental protection and waste disposal legislation and the requirements of any relevant local authorities. Dispose of surplus and non-recyclable products via a licensed waste disposal. The untreated waste should not be disposed of in the sewer system unless they are not fully compliant with the requirements of each institution and legislation. Hazardous waste: YES (depending on the specific process and related materials)				
		Packaging The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. Dispose of this material and its container must be with proper precautions. Empty containers or liners may retain some product residues. Prevent drift and runoff of spilled material and contact with soil, waterways, drains and sewers				
13.2	European waste catalogue (EWC)	For disposal within the EU is roughly from the code used by the sudden refusal to register the European Waste Catalogue (EWC)				





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14	TRANSPORT INFORMATION		
14.1	UN number	Not applicable	
14.2	Proper shipping name	Land transport, road and rail (ADR/RID): not applicable Transport by sea (IMDG): not applicable Air transport (ICAO-TI / IATA-DGR): not applicable	
	Transport hazard classes	Land transport (ADR/RID): Not regulated	
14.3		Trasport by sea (IMDG): Not regulated	
		Air transport (ICAO-TI / IATA-DGR): Not regulated	
14.4	Packing group	Not applicable	
15.5	Environmental hazards	Land transport (ADR/RID): No Trasport by sea (IMDG): No Air transport (ICAO-TI / IATA-DGR): No	
14.6	Special precautions for users	Transport within the user's properties: always transport with closed containers, stored vertically and secured to the means of transport. Check the suitability of the people carrying out the transport to intervene effectively in the event of an accident and/or spill	
14.7	Transport in bulk according to Annex II of MARPOL 73/8 and the IBC Code	Not applicable	
15	REGULATORY INFORMATION		
15.1	Reg. 1272/2008/EC	The product does not contain substances which can be classified as carcinogenic cat. 1 or 2 under Reg. 1272/2008/EC and later updates.	
15.2	Reg. 1907/2006/EC (REACH)	The product conforms to the requirements provided for in Title II of Reg. 1907/2006/EC (registration of substances) The product does not contain SVHC substances included in the candidate list of ECHA on the date of issue of this sheet. Annex XVII to Regulation 1907/2006 / EC: none	





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16	OTHER INFORMATIONS		
16.1	Full text of H statements, sections 2 and 3 (Reg. 1272/2008/EC)		
16.2	Bibliographic references	ECDIN - Environmental Chemical Data and Information Network IUCLID - International Uniform Chemical Information Data Base ECHA C&L inventory NIOSH - Registry of Toxic Effects of Chemical Substances IFA_GESTIS - http://limitvalue.ifa.dguv.de/ TOXNET - https://toxnet.nlm.nih.gov/	
16.3	Changes to previous version	This document was reviewed according to updated applicable Regulations	
16.4	Further informations	When applicable, the information herein is correct at OSHA standard, Reg 1272/2008/EC and following amendments. Product conforms to the requirements provided in Title II of Regulation 1907/2006/EC (the registration of substances). None of the substances in this product is subject to authorization (annex 14) or is included in the candidate list of SVHCs under the REACH Regulation, the issuance of this sheet	
16.5	Disclaimer	This voluntary material MSDS was issued following applicable requirements of Reg 878/2020/EU. It does not excuse in any way the user from knowing and applying all texts governing his activity. The user will take under its responsibility the precautions related to the use of the product. The set of regulations mentioned is intended simply to help the recipient to fulfill her obligations. This list should not be considered as a technical note details The information is based on our knowledge of the product, the date indicated. They are given in good faith. The attention of the user is directed to possible risks incurred when a product is used for other purposes than for which it was conceived. The recipient must ensure that no other obligations to compete on the basis of texts in addition to those mentioned	