In accord	ance with the requirements of the OSHA H az ard Communication Standard, 29CFR 1910.1200	on: 11/04/2014 Page 1 / 10
	BRUGAL TOC 600G (65) Code: 41006	
Versio	Previous revision: 11/04/2014 Previous revision: 11/04/2014	Date of printing: 11/04/ 2014
SECTI	ON 1 : IDENTIFICATION OF T HE SUBSTANC E/MIXTUR E AND OF THE COMPANY/U NDERTAKING	
1.1	PROD UCT IDENTIFIER: BRUGAL GM4-RTU (65) Code: 41006	
1.2	RELEVANT IDENTIFIED U SES AND U SES ADVISED AGAINST: Intended us es (main technical functions): Pasivante de metales. Uses advised against: This product is not recommended for any use or sector of use industrial, professional or consume other than those previou identified uses'. For professional use only. If your use is not covered, please contact the supplier of this material s afety da Restrictions on manufacture, placing on market and use, according to Annex XVII of Regulation (EC) No. 1907/ 2006: Contains: C ontains subs tances CM R, categories 1 or 2: Restricted to professional us ers. F orbidden to the general pub storage, keeping, treatment, filling into containers, or transfer from one container to another of the substances for export. 30 in the Annex of the R egulation (EC) N o. 552/2009~276/2010.	ata sheet. Ilic. The restrictions do not apply to
1.3	DETAILS OF TH E SU PPLIER OF THE SAF ET Y DATA SH EET: TECCOAT 3830 Rose Lake D riv e - Charlotte, N C 28217 (USA) Phone: +01 773.249.4210 D - F ax: +01 773.388.0893 E-m ail address of the person responsible for the safety data sheet: e-mail: dkelley@teccoat.com	
1.4	EMER GENCY TELEPHONE N UMBER: 800-424-9300 (Domestic North America - Chemtrec)	
SECTI	DN 2 : HAZAR DS IDENTIF ICATION	
2.1	HMIS HAZARD RATINGS: 4 HEALTH (4) Severe chronical health hazard 0 FLAMMABILITY (0) Minimal flammability hazard 2 REACTIVITY (2) Moderate physicochemical hazard (3) Safety glasses, gloves and vapor respirations (3) Safety glasses, gloves and vapor respirations Note: HMIS Hazard Ratings involve data and interpretations that may vary from company to company. They are intended or identificacion of the magnitude of the specific hazard. To deal adequately with the safe handling of the material, all the informust be considered.	only for rapid, general
2.2	LABEL ELEMENTS: T , N	
	R-phrases: R45 May cause cancer. R46 May cause heritable genetic damage. R23 Also toxic by inhalation. R36/38 Irritating to eyes and skin. R42/43 May cause sensitization by inhalation and skin contact. R48/20 Also harmful: danger of serious damage to health by prolonged exposure through inhalation. R51/53 Toxic to aquatic organisms, m ay cause long-term adverse effects in the aquatic environment. S-phrases: S33 S36/37 Wear suitable protective clothing and gloves. S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where post S51 Use only in well-ventilated areas. Supplem entary statements: P95 Restric ted to professional users. Hazardous ingredients: Chrom ium(VI) trioxide	
2.3	OTHER HAZARDS: Hazards which do not result in classification but which may contribute to the overall hazards of the m ix ture: Other physicochemic al hazards: No other relevant adverse effects are known. Other adverse human health effects: No other relevant adverse effects are known. Other negative environmental effects: Not applicable.	

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ecCo	oat	BRUGAL GM4-RTU (65)		
TAL TREAT	TMENTS	Code: 41006 MPOSIT ION/ IN FORMATION ON INGREDIENTS		
	SUBSTAN			
		ole (mezcla).		
	Chemical Solution of Hazardous 2,5 < 2,5 < 1 < 2 N 2 1 < 2	Juct is a mixture. des cription: f water in aqueous media. s ingredients: Des taking part in a percentage higher than the exemption limit: :: 5 % Orthophosphoric acid CAS: 7664-38-2 , EC: 231-633-2 DSD: C:R34 CLP: Skin Corr. 1B:H314 2,5 % Chrom ium(VI)trioxide CAS: 1333-82-0, EC: 215-607-8	(Note B) Index No I D1 ic	 b. 015-011-00-6 ATP12 CLP00 b. 024-001-00-0 ATP29 CLP00 cLP00 b. 030-013-00-7 ATP22 CLP00
Ī	Reference	<u>c</u> contain other c omponents ot impurities which will influence the classification of the profuct. <u>to other sections:</u> nformation on hazardous ingredients, see sections 8, 11, 12 and 16.		
FCTIO	N 4 - 54	RST AID MEASURES		
		PTION OF FIRST-AID M EASU RES AND MAIN SYMPTOMS AND EFF ECTS, ACUT E AND DELAYED:		
F	Route of e	to an unconscious pers on. Lifeguarders should pay attention to self-protection and use the recommended possibility of exposure. Wear protective gloves when administering first aid. xposure Symptoms and effects, acute and delayed Description of first-aid measure		
ļ	Inhalation	Inhalation produces irritation to mucus, coughing and breathlessness. Remove the patient out of the air. If breathing is irregular or respiration. If the person is un recovery position. Keep the person and the person arrives.	[.] stops, administer a nconscious, place ir	rtificial n appropriate
2	<u>Skin</u> :	Skin contact causes redness. Remove immediately contam the affected area w ith plenty solution of 5% sodium bicarb area w ith soap and w ater. In rashes, contact a doctor immediately	of cold or lukew an onate. Finally, rewa n the case of skin re	m water and a ish the affected
Ē	Eyes:	Contact with the eyes produces rednes s and pain. Rinse eyes copiously by irrigative water for at least 15 minutes, irritation is reduced. Remove immediately.	holding the evelids	apart, until the
<u>1</u>	Ingestion:	If swallowed, m ay cause irritation of the mouth, throat and esophagus. If swallowed, seek immediate condition, the effects can be plenty of water, to which milk not induce vomiting, due to the patient at rest.	reduced to a minin of m agnesia has b	num by drinking been added. Do
ī	Notes to p	ON OF ANY IMMED IATE MEDIC AL ATTENTION AND SPECIAL TR EATMENT NEEDED: hysic ian: Specific treatm ent is necessary in case of exposition with this substance: the appropriate means wi and contraindications: Specific antidote not know.	th instructions must	t be available.

Revision: 11/04/2014 Page 3 / 10 In accordance with the requirements of the OSHA H az ard Communication Standard, 29CFR 1910.1200 **BRUGAL GM4-RTU (65)** TecCoat Code: 41006 **SECTION 5 : FIRE-FIGHTING MEASUR ES** Not combustible 5.1 EXT INGUISHING MEDIA: In the case of fire in the surroundings, all extinguishing agents are allowed. 52 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE: ANSI/N FPA 704: Health: 1 Irritant. Flammability: 0 Reactivity: 0 Special key: -ADVICE FOR FIR EFIGH TERS: 5.3 Special protective equipment: Depending on magnitude of fire, heat-proof protective c lothing may be required, appropriate independent breathing apparatus, gloves, protective glasses or face m asks and boots. If the fire-proof protective equipment is not available or not used, combat fire from a sheltered position or at a safe distance. The standard EN469 provides a basic level of protection for chemical incidents. mm endations: Cool with water the tanks, c isterns or c ontainers close to sources of heat or fire. Bear in mind the direction of the wind. Do not allow fire-fighting residue to enter drains, sewers or w ater courses **SECTION 6 : ACCIDENT AL RELEASE MEASU RES** PERSONAL PR ECAUT IONS, PROTECTIVE EQU IPMEN T AND EM ERGENCY PROCED URES: 6.1 Avoid direct contact with this product. 6.2 **ENVIRONMENTAL PREC AUTIONS:** Avoid contamination of drains, surface or subterranean water and soil. In the case of large scale spills or when the product contaminates lak es, rivers or sewages, inform the appropriate authorities in accordance w ith local regulations. 6.3 METHODS AND MATERIAL FOR CONTAIN MEN T AND CLEANING UP: Contain and mop up spills with absorbent m aterials (sawdust, earth, sand, vermiculite, diatomaceous earth, etc..). Transfer to a suitable container for recovery or elimination. Neutralize w ith carbonate or sodium bicarbonate. Keep the remains in a closed container. Finally, clean up the area with plenty of water 6.4 **REFERENCE TO OTHER SECTION S:** For contact information in case of emergency, see section 1. For information on safe handling, see section 7. For exposure controls and personal protection measures, see section 8. For subsequent waste disposal, follow the recommendations in section 13. **SECTION 7 : HAND LING AND STORAGE** PREC AU TIONS FOR SAFE HANDLING: 7.1 Comply w ith the existing legislation on health and safety at work . General recommendation Avoid any type of leakage or escape. Keep the container tightly closed. Recommendations for the prevention of fire and explosion risks: applicable. Not Recommendations for the prevention of toxicological risks: Do not eat, drink or sm oke while handling. After handling, wash hands with soap and water. For ex posure controls and personal protection measures, see section 8. Recommendations for the prevention of env ironmental contamination: Product dangerous to the environment. Avoid any spillage in the environment. Pay special attention to the cleaning water. In the cas e of acc idental spillage, follow the instructions indicated in section 6. CONDITIONS FOR SAFE STORAGE, INCLUD ING ANY INCOMPATIBILITIES: 7.2 Prevent unauthorized access. If possible, avoid direct contact with sunlight. In order to avoid leakages, the containers, after use, should be closed carefully and placed in a vertical position. For more information, see section 10. According to current legislation. Class of store Maximum storage period 1. months Temperature interval min: 5. °C , max: 40. °C Incompatible materials Keep away from reducing agents, oxidizing agents, acids, alkalis, am ines, alcohols, ketones, metals, combustible materials. Ty pe of pac kaging According to current legislation. Limit quantity (Seveso III): Directive 96/ 82/EC~2003/105/EC: Low er thres hold: 50 tons, Upper threshold: 200 tons 7.3 SPECIFIC END U SES: For the use of this product do not exist particular recommendations apart from that already indicated.

In accordance with the requirements of the OSHA H az ard Communication Standard, 29CFR 1910.1200

	oat"	BRUGAL GM4-RTU (65) Code: 41006						
SECTI	SECTION 8 : EXPOSUR E CONTROLS/ PER SON AL PROTECT ION							
8.1	CONTROL PAR AMETERS: If a product contains ingredients with exposure limits, may be necessary a personnel m onitoring, work place or biological, to determine the effectiveness of the ventilation or other control measures and/or the neces sity to use respiratory protective equipment. R efference should be m ade to EN 689 standard concerning methods for assessing the exposure by inhalation to chemical agents and national guidance documents for methods for the determ ination of dangerous substances . OCCUPATIONAL EXPOSURE LIMIT VALUES (TLV)							
			Year	TLV-T WA	TLV-STEL			
	AGCIH 2	Observations						
	Orthophosphoric acid 1976 Chrom ium(VI) trioxide 1994		1976 1994	- 1.0 - 0.050	- 3.0	A1 As C r		
	Zinc oxic	le	2003	- 2.0	- 10.	Breathe powder		
		hreshold Limit Value, TWA - Time Weighted Average, STEL ıfirmed carcinogenic in hum ans.	- Sho	rt Term Exposure Lim it.				
	Not avai	ICAL LIMIT VALU ES: lable D N O-EFFECT LEVEL (DN EL):						
	Derived REAC H company	no-effect level (DN EL) is a level of exposure that is conside: DNEL values may differ from a occupational exposure limit y, a government regulatory agency or an organization of expo different of REACH.	(OEL)	for the same chemical. OEL	values may come recomme	ended by a particular		
		no-effect level, workers:		DNEL Inhalation	DNEL Cutaneous	DNEL Oral		
		n ic effects, acute and chronic: onible (sin datos de regis tro REACH).		mg/ m3 	mg/ kg bw/ d 	mg/ kg bw/ d 		
		no-effect level, workers:		DNEL Inhalation	DNEL Cutaneous	DNEL Ojos		
		ffects, acute and chronic: onible (sin datos de regis tro REACH).		mg/ m3 	mg/ cm 2 	mg/ cm 2 		
	PRED IC	able (producto para uso industrial). <u>CT ED NO-EFFECT CONCENTR ATION (PNEC):</u> <u>d no-effect concentration, aquatic organisms:</u> water, marine w ater and intermitent release:		PNEC Fresh w ater	PNEC Marine	PNEC Intermitente		
		nible (sin datos de registro REACH).		-	-	-		
	marine v	water treatment plants (STP) and sediments in fresh- and water: onible (sin datos de regis tro REACH).		PNEC STP mg/ I	PNEC Sediments mg/ kg dry weight	PNEC Sediments mg/ kg dry weight		
	- Air, soi	d no-effect concentration, terrestrial organisms: I and effects for predators and hum ans: nible (sin datos de regis tro REACH).		PNEC Aire mg/ m3	PNEC Soil mg/ kg dry weight	PNEC Oral mg/ kg bw/ d		

In accordance with the requirements of the OSHA H az ard Communication Standard, 29CFR 1910.1200

EXPOSUR E CON 1	<u>FROLS:</u>						
ENGINEER ING ME	ENGINEER ING MEASUR ES:						
	nd face: It is recom mended to install emergency eye baths close to the working area.						
Protection of hands expos ed areas of the	and skin: It is recom mended to install emergency showers close to the w orking area. Barrier creams may help to protect the skin. Barrier creams s hould not be applied once exposure has occurred.						
OCUPAT IONAL EX As a general measur corres ponding EC m	CPOSURE CONTR OLS: Directive 89/686/EEC ~96/58/EC: re on prevention and safety in the work place, w e recomm end the use of a basic personal protection equipment (PPE), with the narking. For more information on personal protective equipment (storage, use, cleaning, maintenance, type and characteristics of the s, marking, category, CEN norm, etc), you should consult the informative brochures provided by the manufacturers of PPE.						
Mask:	Mask for gases and vapours (OSHA 29C FR 1910. 134 and ANSI Z88.2). Classe 1: low capacity up to 1000 ppm, Classe 2: medium capacity up to 5000 ppm, Clas se 3: high capacity up to 10000 ppm. In order to obtain a suitable protection level, the filter clas s must be selected depending on the type and concentration of the contaminating agents present, in accordance w the specifications supplied by the filter producers.						
Goggles:	Safety goggles with suitable lateral protection (OSHA 29C FR 1910.133). Clean daily and disinfect at regular intervals in accordance with the instructions of the manufacturer.						
Face shield:	No.						
Gloves:	Gloves res istant against chemicals (OSHA 29CFR 1910.132). When it can be a repeated or prolonged contact, it is recommended to use gloves with a protection level 5 or higher, with a breakthrough time >240 min. When you only expects a short contact, it is recommended to use gloves with a protection level 2 or higher, with a breakthrough time >30 m in. The breakthrough time of the selected glove material should be in accordance with the pretended period of use. There are severa factors (for example, tem perature), they do in practice the period of use of a protective gloves res istant against chemicals is clearly lower than the established standard OSH A 29CFR 1910.132. Due to the wide variety of circumstances and possibilit we must have in mind the manual of instructions from manufacturers of gloves. Us e the proper technique of rem ov ing glov (without touching glov e's outer surface) to avoid contact of the product with the skin. The gloves should be immediately replaced when any sign of degradation is noted.						
Boots:	No.						
Apron:	No.						
Clothing:	Advisable. Put away work clothes under control and separately from the rest. D o not tak e contaminated clothing hom e. Wa contaminated work clothes before wearing them again.						
Therm al hazards:							
Not applicable (the	product is handled at room temperature).						
Avoid any spillage Spills on the soil: Pre	EXPOSUR E CON TROLS: in the environment. event contamination of soil. c to aquatic organisms . M ay cause long-term adverse effects on the aquatic environment. Do not allow to escape into drains, sev						
	nosphere: Not applicable.						

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Tec(Coat"	BRUGAL GM4-RTU (65) Code: 41006		
SECT	ION 9 : F	PHYSIC AL AND CHEMICAL PR OPERTIES		
9.1	IN FOR Appeara - Physic - Colou - Odour - Odour pH-value - pH Change - Meltin - Initial Density	MAT ION ON BASIC PHYSICAL AND CHEMICAL PROPER ance cal state r r t threshold e of state ig point boiling point	RTIES	Liquid. Yellow. Characteristic No disponible (mezcla). # 3.5 at 20°C Not available > 100. °C at 760 mm Hg_
	- Densii Stability - Decor Viscosity - Viscosity - Viscosity - Viscosity - Volatility - Solubility - Solubi Flamma - Flash - Autoig Explosiv Not ava Oxidiz in Based o	dad relativa mposition temperature <u>y</u> : sity <u>c</u> : m press ure <u>y(ies)</u> iiity in water: iiity in oils and fats: bility: point gnition temperature re properties: ailable. <u>ngproperties:</u> on the chemic al structure of the ingredientes of the mixture,	: : : : : : : :	1.1 at 20/4°C (agua=1) Not applicable Not available Miscible Mot available Not available Not combustible. Not applicable able to react with combustible materials.
9.2	 Heat of Solids The value 	ues indicated do not alw ays coincide with product specificati		1073. Kcal/kg 26.5 % Weight The data for the product specifications can be found in the technical data sheet
			mical	properties related to safety and environment, see sections 7 and 12.
	1	STABILITY AND R EACT IVITY		
10. 1	REAC T Corrosiv Pyropho	<u>ivity to metals:</u> It is not corrosive to metals. <u>prical properties:</u> It is not pyrophoric.		
10. 2		CAL STABILITY: under recommended storage and handling conditions .		
10. 3		BILITY OF HAZARDOUS REACTIONS: e dangerous reaction with reducing agents, oxidizing agents	, acids	s , alkalis, amines, alcohols, ketones, metals, combustible materials .
10. 4	Light: If Air: Not Pressure	FIONS TO AVOID: possible, avoid direct contact w ith sunlight. applicable. <u>e:</u> Not applicable. Not applicable.		
10. 5		PATIBLE MATERIALS: way from reducing agents, oxidizing agents, acids, alkalis, a	m ines	s, alcohols, ketones, metals, combustible materials.
10.6	-	DOUS DECOMPOSITION PROD UCTS: sequence of thermal decomposition, hazardous products ma	ıy be р	produced: oxygen, phosphorus oxides.

Revision: 11/04/2014 Page 7 / 10 In accordance with the requirements of the OSHA H az ard Communication Standard, 29CFR 1910.1200 BRUGAL GM4-RTU (65) TecCoat Code: 41006 **SECTION 11 : TOXIC OLOGIC AL IN FORMATION** No experim ental toxicological data on the preparation is available. The toxicological classific ation for these preparation has been carried out by using the conventional calculation method of the Directive 1999/45/EC~2006/8/EC. 11.1 IN FOR MAT ION ON TOXIC OLOGICAL EFF EC TS: ACUTE TOXICITY: Dose and lethal conc entrations for individual ingredients : Orthophosphoric acid DL50 (OECD 401) DL50 (OECD 402) CL50 (OECD 403) mg/ kg ora l mg/ kg cutaneo us mg/m3.4h inhalation 2740. Rabbit 1530 Rat

> 80. Rat

> 5000. Rat

> 217. Rat

> 5700. Rat

57. Rabbit

Chrom ium(VI)trioxide Zinc oxide

No observed adverse effect level

Not available ow est observed adverse effect level

Not available

IN FOR MAT ION ON LIKELY ROUTES OF EXPOSUR E: Acute toxicity:

Inhalation: TOXIC: Toxic if inhaled.

Skin: Not classified as a product with acute toxicity in contact w ith skin. Eyes: Not classified as a product with acute toxicity by eye contact.

Ingestion: Not classified as a product with acute toxicity if sw allowed.

CORROSION / IR RITATION / SENSITISAT ION :

Respiratory corrosion/irritation: Not classified as a product corrosive or irritant by inhalation. Skin corrosion/irritation: IR RITANT : C auses skin irritation. Serious eye damage/irritation: IR RITANT : C auses serious eye irritation. Respiratory sensitisation: SENSITISIN G: May cause allergy or asthma symptoms or breathing difficulties if inhaled. Skin sensitisation: SENSITISIN G: May cause an allergic skin reaction.

ASPIR ATION HAZARD:

Not classified as a product hazardous by aspiration.

CMR EFFECTS

Carcinogenic effects

This preparation contains the following ingredients which can cause cancer: Chromium(VI) trioxide (cat.1). Genotoxicity

This preparation contains the following ingredients which can be mutagenic: Chromium (VI) trioxide (cat.2).

Toxicity for reproduction: Do not harm fertility. Do not harm the fetus developping.

Effects via lactation: Not classified as a haz ardous product for children breast-fed.

DELAYED AND IMMEDIATE EFF EC TS AS WELL AS CHRONIC EFFECT S FROM SHORT AND LONG-TERM EXPOSURE:

Routes of exposure: Not available.

Short-term ex posure: Toxic by inhalation. May cause sensitiz ation by inhalation. Irritating to eyes. Irritating to skin. May cause sensitization by skin contact.

Long-term or repeated exposure: Not available.

ADDITIONAL INFORMATION :

Not available.

In accordance with the requirements of the OSHA H az ard Communication Standard 29CER 1910 1200

METAL TREATMENT	BRUGAL GM4-RTU (65)		I, 29CFR 1910.1200		
SECTION 1	Code: 41006 2 : ECOLOGICAL INFORM AT ION				
No experim e	ntal ecotoxicological data on the preparation ventional calculation method of the Directive			ation for these preparation ha	as been carried out by
		1999/43/EC~2000/8/EC			
Acute for in Ortho Chro	e toxicity in aquatic environment dividual ingredients : ophosphoric acid m ium(VI) trioxide oxide		CL50 (OECD 203) mg/1.9 6hours 138. Fishes 40. Fishes 1.8 Fishes	CE50 (OECD 202) mg/ I.4 8hours 265. Daphnia 0.21 Daphnia 1.7 Daphnia	CE50 (OECD 201) mg/1.7 2hours > 100. Algae 0.36 Algae 0.17 Algae
Not a Low	bserved effect concentration available est observed effect concentration available				
	SISTENC E AND DEGR AD ABILIT Y: available.				
	AC CUMULATIVE POTENTIAL: available.				
	available.				
12. 5 RES	ULTS OF PBT AND MPMB ASSESMENT: applicable.	Annex XIII of R egulati	on (EC) no. 1907/2006:		
12. 6 OTH Ozor Phot Earth	ER ADVER SE EFF ECT S: ne depletion potential: Not available. ochemical ozone creation potential: Not avail n global warming potential: Not available. ocrine dis rupting potential: Not av ailable.	able.			
SECTION 1	3 : DISPOSAL CONSIDERATIONS				
Curre Disp Emp haza Chaj sam refill reco sour pack	harge into drains or the environment, dispose ent local and national regulations. For exposu osal of em pty containers: Directive 94/62/EC tied containers and packaging should be disp ardous waste will depend on the degree of em oter 15 01 of Decision 2000/532/EC, and forw e measures as for the product in itself. Emptie or clean containers without proper instruction nditioned or disposed. Do not press urize, cut, ces of ignition: They can explode and cause i raging which have not been contaminated main edures for neutralising or destroying the prod orised landfill in accordance with local regula	re controls and personal 2~2005/20/EC, Decision 2 2005/20/EC, Dec	protection measures, see 2000/532/EC: ith currently local and natio the holder of the residue re final destination. With co product residues and vapo d be completely drained an	section 8. nal regulations. The classific esponsible for their classifica ntaminated containers and p urs. Keep empty containers d stored in a safe w av until th	ation of packaging as tion,)in accordance with packaging, adopt the tightly closed. Do not iev are appropriately

accordance with the requirements of the OSHA H az ard Communication Standard, 29CFR 1910.1200	Revision: 11/04/2014	Page 9 / 1
BRUGAL GM4-RTU (65) Code: 41006		
SECTION 14 : TR AN SPORT INFOR MATION		
14. 1 UN NUMBER: 3082		
14. 2 UN PR OPER SHIPPING N AME:		
ENVIRONMENTALLY HAZARDOUS SUBST AN CE, LIQUID, N.O.S. (contains zinc oxide) 14. 3 TRANSPORT HAZARD CLASS(ES) AN D PACKING GROU P:		
14. 4 Transport by road (ADR 2013) and		
Transport by rail (RID 2013):		
- Class: 9 - Packaging group: III		
- Classification code: M6 - Tunnel restriction code: (E)		
- Transport category: 3, max. ADR 1.1.3.6. 1000 L - Limited quantities: 5 L (see total exemptions ADR 3.4)		
- Transport document: Consignment paper. - Instructions in writing: ADR 5.4.3.4		
Transport by sea (IMDG 35-10):	\sim	
- Class: 9		
- Packaging group: III - Emergency Sheet (EmS): F-A,S-F		
- First Aid Guide (MFAG): - Marine pollutant: Yes.		
- Transport document: Shipping Bill of lading.		
Transport by air (IC AO/IAT A 2012):		
- Class: 9 - Packaging group: III		
- Transport document: Air Bill of lading.		
Transport by inland w aterways (ADN): Not available.		
14. 5 ENVIRONMENTAL HAZARDS: Classified as hazardous for the environment.		
14.6 SPECIAL PRECAUTIONS F OR USER : Ensure adequate ventilation.		
I4. 7 TRANSPORT IN BULK AC COR DING TO ANN EX II OF MARPOL 73/78 AND T HE IBC COD E: Not available.		
SECTION 15 : REGULATORY INF OR MATION		
15. 1 USA REGU LATIONS: - Occupational Safety and Health Act (OSH A):		
This produc t is considered to be hazardous under the OSHA H azard Communication Standard. - Clean Air Act:		
· 112(r) Hazardous air pollutants (HAP) (40CFR 68): No. - Clean Water Act :		
 307 H azardous water priority pollutants (HWPP): No. Comprehensive Environmental Response, Compensation and Liability Act (CER CLA): 		
This product contains the follow ing H azardous Substances for Emergency release notification (40CFF Orthophosphoric acid: Reportable quantity (RQ): 5000 lbs.	R 302):	
Releases of CER CLA hazardous subs tances, in quantities equal to or greater than their reportable qua Response Center under CERCLA. Such releases are also subject to state and local reporting under se		
Right-to-Know Act (EPC RA), also known as SARA Title III. - Superfund Amendments and Reauthorization Act (SARA Title III):		
302/304 Extremely Hazardous Substances (EHS) for Emergency release notification (40CFR 355): No. 313 Reportable Ingredients (40CFR 372): No.		
311/312 Hazard Čategories (40CFR 370): Yes. Toxic Substance Control Act (T SCA):		
All chemical substances in this product comply with all applicable rules or order under TSCA. - Califormia Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986):		
This product contains the follow ins chemicals known to the State of California to cause cancer: Chrom ium(VI) triox ide: Cancer, Development, Male, Female		
OTHER REGULAT IONS:		
Not available		
15. 2 CHEMICAL SAFETY ASSESSMENT:		
Not applicable (mix ture).		

In accordance with the requirements of the OSHA H az ard Communication Standard, 29CFR 1910.1200

TecC		BRUGAL GM4-RTU (65) Code: 41006					
SECTIO	SECTION 16 : OTHER IN FORM AT ION						
THE ALL TREA	MENTS IN TEXT O R-phrase R9 Explorespirato Skin and organisr Hazard S H271 Mi dam age inhaled. genetic of inhaled. genetic of inhaled. genetic of Notes re Notes	THE PHRASES AND NOTES REFERENCED IN SECTION S 2 AN D/OR 3: sa according the Directive 67/ 548/EEC-2001/58/EC (DSD), Annex III: so according the Algoration adverse effects in the aquatic onvironment, R42/S M ay cause sensitiz at ion by inhalation, R50/58 Very toxic to so acuse file or explosion: Strong oxidiser, H301 Toxic if sw allowed H311 Toxic in contact with skin, H314 C acuses servere ski H317 May cause an allergic skin reaction. H330 Fatal irinhaled. H334 May cause allergy or asthma symptoms or breathing H355 May cause cancer. H3611 Suspected of damage fertility. H 3721 Causes damage to organs through prolonged or Lated to the identification, classification and labelling of the substances: C lertas sustancis, que se presentan en el mercado a differentes concentraciones, tienen riesgos distintos según el grado de S ON ANY TRAN ING APPROPRIATE F OR WOR KERS: m mendel for all staff that will handle this product to carry out a basic training in occupational risk and prevention, in order to mended for all staff that will handle this product to carry out a basic training in occupational risk and prevention, in order to during and interpretation of m aterial safety data sheets and labelling of products as well. EFEATURE R EF ERENCES AND SOURCES FOR DAT A: an Chemicals Bareau: Existing Chemicals, http://esis.jc.ec.europa.eu/ bi Curropean Union Law, http://uc-lex.europa.eu/ bi Curropean Union Law, http://uc-lex.europa.eu/ bi Curropean Union Law, http://uc-lex.europa.eu/ bi Curropean Union Law, http://uc-lex.europa.eu/ an greenew 50 (AGCH, 2011). Aspectos clinico-toxicologicos, F.Marquey Y. Sanz (INSHT, DT 69.92, 1992), an agreenew 50 (AGCH, 2011). Aspectos clinico-toxicologicos, F.Marquey S. Sanz (INSHT, DT 69.92, 1992),	oxic in contact w ith o aquatic ntact. In burns and eye difficulties if H340 May cause rrepeated exposure concentración. provide				
The infor	rmation o	f this Material Safety Data Sheet, is based on the present state of knowledge and on current UE and national laws, as the use	ers' w orking				

I he information of this Material Safety Data Sheet, is based on the present state of knowledge and on current UE and national law s, as the users' working conditions are beyond our k nowledge and control. T he product is not to be used for other purposes than those specified, without first obtaining written handling instruction. It is always the respons ibility of the user to take all necessary s teps in order to fulfil the demand laid down in the local rules and legislation. The information in this Material Safety Data Sheet is m eant as a description of the safety requirements of the product and it is not to be considered as a guarantee of the product's properties.

In accordance with the requirements of the OSHA H az ard Communication Standard, 29CFR 1910.1200