

<i>Product name</i>	FISPQ n°: 0022
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1.1. Product and company identification	
■ <i>Product name:</i>	Paste for Mounting and Dismounting Tires
■ <i>Internal product identification code:</i>	503006
■ <i>Company name:</i>	BORRACHAS VIPAL S/A
■ <i>Address:</i>	Rua Buarque de Macedo, 365 95320-000 Nova Prata - RS - Brasil
■ <i>CNPJ registration number</i>	87870952/0001-44
■ <i>Company phone number:</i>	(54) 242-1666
■ <i>Emergency phone number:</i>	(54) 242-1666
■ <i>Fax:</i>	(54) 242-1736
■ <i>E-mail:</i>	vipal@vipal.com.br

2. Composition and ingredient information		
■ <i>Preparation</i>	Lubricant of vegetable oil raw material base	
■ <i>Chemical nature:</i>	Saponified vegetable fats, alkalis, dye and essence	
■ <i>Ingredients or impurities that contribute towards danger:</i>		
<i>Chemical or generic name</i>	<i>Concentration or concentration level</i>	<i>Danger classification and labeling</i>
Does not possess ingredients or impurities with sufficient concentration to contribute to danger		

3. Identification of dangers	
■ <i>Most important dangers:</i>	No known special risk.
■ <i>Product effects:</i>	Unknown.
◇ <i>Adverse effects for human health:</i>	
◇ <i>Environmental effects:</i>	
◇ <i>Physical and chemical dangers:</i>	
◇ <i>Specific dangers:</i>	
■ <i>Main symptoms:</i>	
■ <i>Chemical product classification</i>	
■ <i>General emergency instruction:</i>	

4. First aid measures	
■ <i>First aid measures:</i>	
◇ <i>Inhalation:</i>	Remove the person to fresh air, and, if necessary, help them to breathe. Medical Assistance.
◇ <i>Skin contact:</i>	Wash with plenty of soap and water.
◇ <i>Eye contact:</i>	Irrigate with running water for at least 15 minutes, with eyelids wide open. See an eye doctor.
◇ <i>Swallowing:</i>	Wash out mouth and drink plenty of water
■ <i>Actions to be avoided:</i>	Prolonged skin and eye contact.
■ <i>Brief description of main symptoms and effects:</i>	There are no significant effects or symptoms for this product.
■ <i>First aid measures:</i>	Immediately remove contaminated clothing and see a physician.

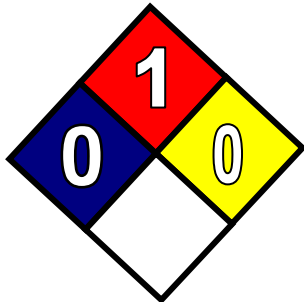
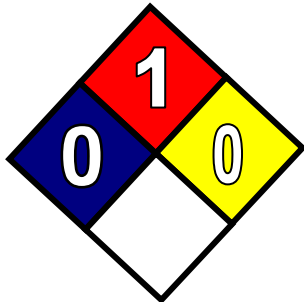
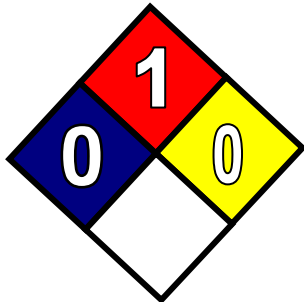
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5. Fire fighting measures	
■ <i>Appropriate means for fire extinguishing:</i>	Water, dry chemical powder, foam or carbon dioxide.
■ <i>Non-appropriate means of fire extinguishing:</i>	Any other means.
■ <i>Specific dangers:</i>	Unknown
■ <i>Special methods:</i>	
■ <i>Protection for fire fighters:</i>	

6. Measures to control spills and leaks	
■ <i>Personal precautions:</i>	
◇ <i>Removal of ignition sources:</i>	Eliminate all ignition sources, avoid sparks and flames, do not smoke in the risk area. Isolate the spilled material from all ignition sources
◇ <i>Dust control:</i>	Not applicable
◇ <i>Prevention from inhalation, skin, mucous and eye contact:</i>	Not applicable
■ <i>Environmental precautions:</i>	
◇ <i>Alarm system:</i>	Isolate the area affected by the spilled material.
■ <i>Cleaning methods:</i>	
◇ <i>Recovery:</i>	Manual/mechanical collection.
◇ <i>Neutralization:</i>	Not applicable.
◇ <i>Disposal:</i>	Confine, if possible, for future recovery and disposal.
◇ <i>Secondary dangers prevention:</i>	Not applicable

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7. Handling and storage

■ <i>Handling</i>						
↳ <i>Technical measures:</i>						
- <i>Preventing workers exposure:</i>	Not applicable.					
- <i>Preventing fire and explosion:</i>	Not applicable					
- <i>Precautions for safe handling:</i>	Handle with care to avoid body lesions.					
↳ <i>Orientation for safe handling:</i>	Supply handling devices and transport aids if needed.					
■ <i>Storage:</i>						
↳ <i>Appropriate technical measures:</i>	Unspecified					
↳ <i>Storage conditions:</i>						
- <i>Adequate:</i>	Store in a dry location at room temperature					
- <i>To avoid:</i>						
- <i>Risk signaling:</i>	<p>As per norm 704 of the NFPA – National Fire Protection Agency:</p> <table border="1"> <tr> <td>Health: 0</td> <td rowspan="4">  </td> </tr> <tr> <td>Inflammable: 1</td> </tr> <tr> <td>Reactivity: 0</td> </tr> <tr> <td>Special: -</td> </tr> </table>	Health: 0		Inflammable: 1	Reactivity: 0	Special: -
Health: 0						
Inflammable: 1						
Reactivity: 0						
Special: -						
- <i>Incompatible products and materials:</i>	Not applicable.					
↳ <i>Safe packaging materials:</i>						
- <i>Recommended:</i>	The manufacturer's package					
- <i>Incompatible products and materials:</i>	Any other package.					

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8. Exposure control and individual protection										
■ <i>Engineering control measure</i>										
■ <i>Specific control parameters</i>										
⇨ <i>Limits of occupational exposure:</i>										
Ingredient	N° CAS	NR - 15				ACGIH				
		LT-MP		VM		TLV – TWA (8h exposure)		TLV - STEL		
		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³	Exposure time
As it does not possess concentrations that cause danger, there are no limits for occupational exposure..										
<small>CAS = Chemical Abstracts Service NR 15 = Regulating norm for unhealthy activities and operations – Labor Ministry ACGIH = American Conference of Governmental and Industrial Hygienists LT – MP = Tolerance limit – pondered means TLV – TWA = Threshold Limit Value – Time Weighted Average TLV – STEL = Threshold Limit Value – Short Term Exposure Limit</small>										
<i>Biological indicators:</i>										
Ingredient	<i>Toxicological data</i>									
	Oral DL ₅₀ (mg/kg)	Dermal DL ₅₀	Inhalation CL ₅₀	IDHL						
AS it does not possess concentrations that cause danger, there is no biological data.										
<small>IDHL = Immediately Dangerous to Life or Health DL₅₀ = Dose of a chemical substance that causes the death of 50% of a group of animals of the same species, when administered in the same way (oral or dermal) (DL= Lethal Dose) CL₅₀ =Lethal atmospheric concentration of a chemical substance that causes death of 50% of a group of animals exposed for a determined time (CL =Lethal concentration)</small>										
⇨ <i>Other limits and values:</i> Not applicable										
■ <i>Recommended monitoring procedures</i>										
Ingredient	<i>Tolerance level</i>			<i>Contamination assessment methods</i>						
	In the air	IBMP		In the air			biological			
As it does not possess concentrations that cause danger, monitoring is not applicable.										
<small>IBMP maximum biological index allowed (NR-7 MTb)</small>										
■ <i>Appropriate individual protection equipment</i>										
⇨ <i>Respiratory protection:</i> Not applicable										
⇨ <i>Hand protection</i> Latex or PVC gloves.										
⇨ <i>Eye protection</i> Safety glasses or facial protection.										
⇨ <i>Skin and body protection:</i> Industrial clothing.										
■ <i>Special precautions:</i> Not applicable										
■ <i>Hygiene measures:</i> Good ventilation in the work area. Exhaust. Maintain recipients closed. Maintain work area clean. Do not eat, drink or keep food in the working area. Wash your hands with plenty of soap and water after handling the product. A shower and eye wash is recommended in the work area.										

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9. Physical-chemical properties	
- <i>Incompatible products and materials:</i>	Paste
⇨ <i>Safe packaging materials:</i>	Not applicable.
- <i>Recommended:</i>	Blue
- <i>Incompatible products and materials:</i>	Specific of the product.
⇨ <i>Safe packaging materials:</i>	9,0 – 10,0 (solution of 1%)
- <i>Recommended:</i>	
- <i>Incompatible products and materials:</i>	Not applicable.
⇨ <i>Safe packaging materials:</i>	Not applicable.
- <i>Recommended:</i>	Not applicable
- <i>Incompatible products and materials:</i>	1,08 g/l
⇨ <i>Safe packaging materials:</i>	Miscible.

10. Stability and reactivity	
■ <i>Specific conditions</i>	
⇨ <i>Instability:</i>	Stable product under normal conditions of usage.
⇨ <i>Dangerous reactions</i>	None when transformed according to the instructions.
■ <i>Conditions to avoid:</i>	Undetected
■ <i>Incompatible materials or substances:</i>	Undetected.
■ <i>Need to add additives or inhibitors</i>	Undetected.
■ <i>Dangerous products resulting from decomposition:</i>	None when transformed according to the instructions

11. Toxicological information	
■ <i>Information according to different types of exposure</i>	
⇨ <i>Acute toxicity:</i>	As it does not possess concentrations that cause danger, the workers health is preserved.
⇨ <i>Local effects:</i>	As it does not possess concentrations that cause danger, the workers health is preserved.
⇨ <i>Chronic toxicity:</i>	As it does not possess concentrations that cause danger, the workers health is preserved.
■ <i>Substances that have effects:</i>	
⇨ <i>Additives</i>	Unknown
⇨ <i>Potentialiation</i>	Unknown.

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12. Ecological information	
■ <i>Environmental effects, product behavior and impact.</i>	
◇ <i>Persistence/degradability:</i>	Due to its characteristics, product degradability is undetermined. .
◇ <i>Bioaccumulation:</i>	Unknown
◇ <i>Environmental impact:</i>	In its natural state, it has no environmental impact. If the product remains in nature, it may, in case of combustion, contaminate the soil, air and water.

13. Considerations regarding treatment and disposal	
■ <i>Treatment and disposal methods:</i>	
◇ <i>Product:</i>	The product that is not used should be treated as residue and disposed in a covered area, in closed recipients, in good state, identified, and delivered for treatment to allocation that has been duly licensed by the competent environmental organ. .
◇ <i>Product remains:</i>	Remains of the product used should be treated as residue and disposed in a covered area, in closed recipients, in good state, identified, and delivered for treatment to allocation that has been duly licensed by the competent environmental organ.
◇ <i>Use Package:</i>	The packages should be disposed in a covered area, in closed recipients, in good state, identified, and delivered for treatment to allocation.

14. Information regarding transportation	
■ <i>National and International regulation:</i>	
◇ <i>Land and river:</i>	Product not classified as dangerous according to Decree 204/97.
◇ <i>Maritime</i>	Product not classified as dangerous according to IMO.
◇ <i>Air</i>	Product not classified as dangerous according to IATA.
Specific conditions and measures for transport	
◇ <i>Land, river and maritime:</i>	Unknown

15. Regulations	
■ <i>Regulations:</i>	
◇ <i>Information regarding risks and safety as found on the label:</i>	As the product does not possess dangerous features, this information is not applicable.

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16. Other information	
■ <i>Examples</i>	
⇒ <i>Special training needs:</i>	The user of this product should be qualified for handling, operation and application of this product.
⇒ <i>Recommended use and possible restrictions for chemical products</i>	Recommended for tire retreads and rubber artifacts.
⇒ <i>Bibliographic references:</i>	• cbm Indústria Química – FISPQ

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