



PRODUCT SPECIFICATION

EP 039

IDENTIFICATION

Chemical Name	ECOTEC – ARLA 32
Formula	(NH ₂) ₂ CO
CAS No.	57-13-6

PHYSICOCHEMICAL CHARACTERISTICS

Aspect	Liquid, clear and colorless.			
Characteristic	Unit	Minimum	Maximum	Method
Urea concentration (m/m)	%	31.8	33.2	Technical
Density at 20 ° C	kg/m ³	1087.0	1093.0	
Refractive index at 20°C	-	1.3814	1.3843	
Alkalinity as NH ₃ (m/m)	%	-	0.2	
Biuret (m /m)	%	-	0.3	specification
Insoluble	mg/kg	-	5	
Insoluble	mg/kg	-	20	
Phosphate (PO ₄)	mg/kg	-	0.5	
Calcium	mg/kg	-	0.5	
Iron	mg/kg	-	0.5	of the product
Alloys	mg/kg	-	0.2	
Zinc	mg/kg	-	0.2	
Chrome	mg/kg	-	0.2	
Alloys	mg/kg	-	0.2	
Aluminum	mg/kg	-	0.5	
Magnesium	mg/kg	-	0.5	supplier
Sodium	mg/g	-	0.5	
Potassium	mg/kg	-	0.5	

MAIN APPLICATIONS

NOx Reducing Liquid Agent for Automobile.

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ADDITIONAL INFORMATION	
ONU No.:	Unclassified product.
Risk No.	Unclassified product.
Packing	Containers made of HDPE, free of additives, within the following volumes: 10, 20, 200, IBC 1000 liters and bulk trucks.
Cautions	Product not classified as dangerous or poisonous substance, however, when handling, it is recommended to use the following PPEs: rubber gloves, protective goggle (wide view) and mask against alkali vapors.
Storage	Keep stored in a covered, ventilated place away from sunlight at a temperature higher than -11°C and below 30° C.
Validity:	12 months, depending on storage ideal conditions.
Legal Requirements	IBAMA's Normative Instruction of 07/11/2009 and ABNT NBR ISO 22.241-1

Specifications	Code	Revision	Date	Page
	30.6045.2.00.0	00	8/24/2012	01/01

HISTORY OF CHANGE		
Date	Revision	Change Comments
8/24/2012	00	Initial issue.

Prepared by: Valdeci José Benedito	Approved by: Sérgio Daniel Koleski
Signature:	Signature:

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