

# SAFETY DATA SHEET

## UNIVERSAL DETERGENT - AR40616

### UNIVERSAL DETERGENT

<b>IDENTIFICATION OF THE SUBSTANCE OR PREPARATION:</b>	Universal Detergent
<b>COMPANY IDENTIFICATION:</b>	AR North America
<b>ADDRESS:</b>	140 - 81st Avenue NE Fridley, MN 55432

### HAZARDOUS IDENTIFICATIONS:

<b>WARNING:</b>	- MAY CAUSE EYE IRRITATION
	- MAY CAUSE SKIN IRRITATION
<b>ENVIRONMENT DANGERS:</b>	In case of- pour water pollution danger and ground pollution danger.

### FIRST-AID MEASURES:

<b>SKIN CONTACT:</b>	Wash immediately with water; remove the contaminated clothes; obtain immediate medical assistance.
<b>EYE CONTACT:</b>	Wash immediately with water for almost 15 minutes maintaining the eyelids very open and making turn the eyeball; obtain immediate medical assistance.
<b>INGESTION:</b>	Supply an accurate rinse of the mouth; No give something to drink or eat to the victim; not cause vomiting; obtain immediate medical assistance.
<b>INHALATION:</b>	Air the place-remove the person from the contaminate zone and transport it open air and leave it retired; obtain medical assistance.

### FIRE-FIGHTING MEASURES:

<b>EXTINGUISHING MEDIA:</b>	In case of fire extinguish with: carbon dioxide, powder based on involved materials.
<b>EXPOSITIONS RISK:</b>	Inhalation of gas and smoke developed, in function of the involved materials.
<b>PROTECTION EQUIPMENT:</b>	In case of fire act with an adapted protection equipment, based on involved materials.

### ACCIDENTAL RELEASE MEASURES:

<b>PERSONAL PRECAUTIONS:</b>	Use DPI described in section Personal Protection/Control of the Exposition
<b>ENVIRONMENT PRECAUTIONS:</b>	Recover the product if possible, check the expand avoiding the dispersion of the product on the land, into drain and in the water source.
<b>CLEANING METHOD:</b>	Collect with inert absorbent material in suitable containers, and send to authorized disposal; in case the product is met in amounts elevated in superficial waters or drain, contact the competent authorities.

### HANDLING AND STORAGE:

<b>HANDLING PROCEDURES:</b>	Use DPI described in section Personal Protection/Control of the Exposition
<b>STORAGE PROCEDURES:</b>	Original container, well closed; far away from sources of heat and fire.
<b>NOTE:</b>	Eat, no drink, no smoke and adopt the precautions of one good working praxis.

### EXPOSURE CONTROLS/PERSONAL PROTECTION:

<b>PERSONAL PROTECTION:</b>	-	
<b>EYE PROTECTION:</b>	Use protective glasses.	
<b>HAND PROTECTION:</b>	Use adapted gloves.	
<b>SKIN PROTECTION:</b>	Use adapted clothes.	
<b>LOCAL CONTROL MEASURES</b>		
<b>TWA C</b>	2 mg/m3	Component 2.1

# SAFETY DATA SHEET

## UNIVERSAL DETERGENT - AR40616

<b>TLV</b>	121 mg/m <sup>3</sup> 25 ppm	Component 2.2
<b>TWA</b>	52 mg/m <sup>3</sup> 20ppm	Component 2.5

### STABILITY AND REACTIVITY:

<b>CONDITIONS TO AVOID:</b>	No knowledge of a danger reaction during the normal uses condition. Stable to ambient temperature.	
<b>MATERIALS TO AVOID:</b>	Nothing in particular.	
<b>DECOMPOSITION PRODUCTS:</b>	Based on involved materials in the fire. Toxic and inflammable gases can be developed.	

### TOXICOLOGICAL INFORMATION:

<b>ORAL TOXICITY:</b>	LD 50 rat	2000 mg/kg	Component 2.1
	DL 50 rat	560 mg/kg	Component 2.2
	DL 50 rat	1000 - 2000 mg/kg	Component 2.3
	DL 50 rat	1000 - 2000 mg/kg	Component 2.4
	DL 50 rat	4000 mg/kg	Component 2.5
	LD 50 rat	<2000 mg/kg	Component 2.6
<b>SKIN TOXICITY:</b>	Not determined.		
<b>ACUTE INHALATION TOXICITY:</b>	-		

### ECOLOGICAL INFORMATION:

<b>ENVIRONMENTAL TOXICITY:</b>	LC50 lepomidi	1490 mg/l 96h	Component 2.2
	CE50 (dafnia: daphnia magna)/48 h	>100 mg/l	Component 2.3
	CE50 (pesce)/96 h	>500 mg/l	Component 2.3
	CE50 (dafnia: daphnia magna)/48 h	>100 mg/l	Component 2.3
	CE50 (pesce)/96 h	>100 mg/l	Component 2.4
<b>MOBILITY:</b>	One moves in the land.		
<b>PERSISTENCE AND DEGRADABILITY:</b>	Easy biodegradable product.		
<b>FURTHER NEWS:</b>	Use as the good working practice, avoiding to disperse the product in the environment.		

### DISPOSAL CONSIDERATIONS:

<b>WASTE DISPOSAL:</b>	The products disposal and the contaminated container disposal must be carried out with the enforced laws; the product became a dangerous waste, so it must be disposed of through authorized staff.
------------------------	---

### TRANSPORT INFORMATION:

<b>BY ROAD:</b>	-	
<b>BY SEA:</b>	-	
<b>BY AIR:</b>	-	

### REGULATORY INFORMATION:

<b>SYMBOL CEE:</b>	Xi   IRRITANTE
<b>DANGER INDICATION:</b>	Irritant

# SAFETY DATA SHEET

## UNIVERSAL DETERGENT - AR40616

<b>RISK'S PHRASES</b>	R36 Irritating to eyes
<b>PRECAUTION SUGGEST:</b>	S7 Keep container tightly closed
	S23 Do not breathe vapor and spray
	S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S24/25 Avoid contact with skin and with eyes.
	S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
	S49 Keep only in the original container.

### COMPONENTS / INFORMATION ABOUT INGREDIENTS:

NAME	EINECS	CAS	% max	Symbol	Phrases R
<b>2.1 SODIUM HYDROXIDE</b>	215-185-5	1310-73-2	<5	C	R35
<b>2.2 ETHYLENE GLYCOL MONOBUTYLEETHER</b>	203-905-0	111-76-2	<5	Xn	R20-21-22 R36-38
<b>2.3 ETHYLENEDIAMINE-TETRACETIC ACID Na4SALT EDTA</b>	200-573-9	-	<5	Xn	R22, R36
<b>2.4 NITRYLOTRIACETICACID SODIUM SALT NTA</b>	225-768-6	-	<5	Xn	R22, R36
<b>2.5 GLYCOL</b>	203-473-3	107-21-1	<5	Xn	R22
<b>2.6 ALCOHOL ETHOXYLATE LINEAR FATTY</b>	-	68439-46-3	<5	Xn	R41, R22

### CHEMICAL AND PHYSICAL PROPERTIES:

<b>ASPECT:</b>	Limpid liquid
<b>COLOR:</b>	Yellow
<b>SMELL:</b>	Lemon
<b>DENSITY (68° F):</b>	Not determined
<b>PH (PURE PRODUCT):</b>	14
<b>VISCOSITY:</b>	Not determined
<b>SOLUBILITY IN WATER:</b>	Soluble in all the proportions.
<b>BOILING POINT:</b>	Not determined
<b>FLAMMABILITY POINT:</b>	Not determined

### OTHER INFORMATION:

<b>NOTE:</b>			
--------------	--	--	--

*THE PRESENT CARD, IN COMPLIANCE WITH MINISTERIAL PREVIEWED HOW MUCH FROM DECREE, CONTAINS TECHNICAL-SCIENTIFIC INFORMATION ELABORATED OF OUR ACQUAINTANCES. IT IS RECOMMENDED, HOWEVER, TO THE USERS TO VERIFY ALSO THE NATIONAL AND REGIONAL REGULATIONS, APPLICABLE TO THE SPECIFIC FIELD OF USE, LET ALONE THAT ENFORCED IN EMERGENCY TOPIC ON THE JOB AND PROTECTION OF THE ATMOSPHERE. THE HERE CONTAINED INFORMATION ARE THOUGHT CORRECTED AND COMMUNICATED IN GOOD FAITH; HOWEVER THEY DO NOT IMPLY SOME OBLIGATION, GUARANTEE, FREEDOM OF USE OF INDUSTRIAL PROPERTY, OR CON-CESSION OF LICENSE. THE CHARACTERISTICS MENTIONED IN THE PRESENT DOCUMENT DO NOT CONSTITUTE CONTRACTUAL DETAILED LISTS. THIS CARD CANCELS AND REPLACES EVERY PREVIOUS EDITION. N.B. CORRESPONDS: NOT AVAILABLE.*

**DATE OF REVIEW: SEPTEMBER 6, 2018**