

SAFETY DATA SHEET

UNIVERSAL DETERGENT - AR40616

UNIVERSAL DETERGENT

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

HAZARDOUS IDENTIFICATIONS:

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

FIRST-AID MEASURES:

SKIN CONTACT:	Wash immediately with water; remove the contaminated clothes; obtain immediate medical assistance.
EYE CONTACT:	Wash immediately with water for almost 15 minutes maintaining the eyelids very open and making turn the eyeball; obtain immediate medical assistance.
INGESTION:	Supply an accurate rinse of the mouth; No give something to drink or eat to the victim; not cause vomiting; obtain immediate medical assistance.
INHALATION:	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:

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

ACCIDENTAL RELEASE MEASURES:

PERSONAL PRECAUTIONS:	Use DPI described in section Personal Protection/Control of the Exposition
ENVIRONMENT PRECAUTIONS:	Recover the product if possible, check the expand avoiding the dispersion of the product on the land, into drain and in the water source.
CLEANING METHOD:	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:

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

EXPOSURE CONTROLS/PERSONAL PROTECTION:

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

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TLV	121 mg/m ³ 25 ppm	Component 2.2
TWA	52 mg/m ³ 20ppm	Component 2.5

STABILITY AND REACTIVITY:

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

TOXICOLOGICAL INFORMATION:

ORAL TOXICITY:	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
SKIN TOXICITY:	Not determined.		
ACUTE INHALATION TOXICITY:	-		

ECOLOGICAL INFORMATION:

ENVIRONMENTAL TOXICITY:	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
MOBILITY:	One moves in the land.		
PERSISTENCE AND DEGRADABILITY:	Easy biodegradable product.		
FURTHER NEWS:	Use as the good working practice, avoiding to disperse the product in the environment.		

DISPOSAL CONSIDERATIONS:

WASTE DISPOSAL:	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.
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TRANSPORT INFORMATION:

BY ROAD:	-	
BY SEA:	-	
BY AIR:	-	

REGULATORY INFORMATION:

SYMBOL CEE:	Xi  IRRITANTE
DANGER INDICATION:	Irritant

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RISK'S PHRASES	R36 Irritating to eyes
PRECAUTION SUGGEST:	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
2.1 SODIUM HYDROXIDE	215-185-5	1310-73-2	<5	C	R35
2.2 ETHYLENE GLYCOL MONOBUTYLEETHER	203-905-0	111-76-2	<5	Xn	R20-21-22 R36-38
2.3 ETHYLENEDIAMINE-TETRACETIC ACID Na4SALT EDTA	200-573-9	-	<5	Xn	R22, R36
2.4 NITRYLOTRIACETICACID SODIUM SALT NTA	225-768-6	-	<5	Xn	R22, R36
2.5 GLYCOL	203-473-3	107-21-1	<5	Xn	R22
2.6 ALCOHOL ETHOXYLATE LINEAR FATTY	-	68439-46-3	<5	Xn	R41, R22

CHEMICAL AND PHYSICAL PROPERTIES:

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

OTHER INFORMATION:

NOTE:			
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DATE OF REVIEW: SEPTEMBER 6, 2018