



# CLORALEN Cleaning wipes Aqua Clean

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### SECTION 1: Identification

#### 1.1. Identification

Product form : Wet wipes  
Trade name : CLORALEN Cleaning Wipes Aqua Clean  
Product code : 0685

#### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Surface cleaning product  
Recommended use : Washing and cleaning products (including solvent based products)

#### 1.3. Supplier

ALen del Norte, S.A. de C.V.  
Blvd. Gustavo Díaz Ordaz 1000  
Los Treviño  
Santa Catarina, N.L. 66150 - México  
T 81221000  
[www.grupoalen.com](http://www.grupoalen.com)

#### 1.4. Emergency telephone number

Emergency number : 800 424 9300 24 hrs.

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

Carcinogenicity Category 1A H350 May cause cancer  
Full text of H statements : see section 16

#### 2.2. GHS Label elements, including precautionary statements

##### GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Danger  
Hazard statements (GHS US) : H350 - May cause cancer  
Precautionary statements (GHS US) : P101 - If medical advice is needed, have product container or label at hand.  
P102 - Keep out of reach of children.  
P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P308+P313 - If exposed or concerned: Get medical advice/attention.  
P405 - Store locked up.  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

#### 2.3. Other hazards which do not result in classification

No additional information available

#### 2.4. Unknown acute toxicity (GHS US)

Not applicable

### SECTION 3: Composition/Information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

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Name	Product identifier	%	GHS US classification
ethanol, conc=90%, aqueous solution	(CAS-No.) 64-17-5	0.1452 – 0.373	Flam. Liq. 2, H225 Carc. 1A, H350

Full text of hazard classes and H-statements : see section 16

### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

- First-aid measures general : If you feel unwell, seek medical advice (show the label where possible).  
First-aid measures after inhalation : Get medical advice/attention if you feel unwell.  
First-aid measures after skin contact : If skin irritation or rash occurs: Get medical advice/attention.  
First-aid measures after eye contact : Rinse immediately with plenty of water for 15 minutes  
First-aid measures after ingestion : Consult a doctor/medical service if you feel unwell

#### 4.2. Most important symptoms and effects (acute and delayed)

No additional information available

#### 4.3. Immediate medical attention and special treatment, if necessary

No additional information available

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : Quick-acting ABC powder extinguisher

#### 5.2. Specific hazards arising from the chemical

- Fire hazard : Could burn but do not ignite readily.

#### 5.3. Special protective equipment and precautions for fire-fighters

No additional information available

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Isolate from fire, if possible, without unnecessary risk.

##### 6.1.1. For non-emergency personnel

- Protective equipment : Wear recommended personal protective equipment.

##### 6.1.2. For emergency responders

No additional information available

#### 6.2. Environmental precautions

No additional information available

#### 6.3. Methods and material for containment and cleaning up

No additional information available

#### 6.4. Reference to other sections

No additional information available

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Do not eat, drink or smoke when using this product.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Keep in a cool, well-ventilated place away from heat. Comply with applicable regulations.  
Storage conditions : Do not expose to temperatures exceeding 50 °C/ 122 °F.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

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### ethanol, conc=90%, aqueous solution (64-17-5)

No additional information available

#### 8.2. Appropriate engineering controls

No additional information available

#### 8.3. Individual protection measures/Personal protective equipment

No additional information available

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Solid
Color	: White
Odor	: characteristic
Odor threshold	: No data available
pH	: $\approx 9$ (8.5 – 9.5)
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: $\geq 120$ ( $\geq 120$ ) °C
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: Soluble in water
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

No additional information available

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

Combustible materials.

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### 10.6. Hazardous decomposition products

No additional information available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

ethanol, conc=90%, aqueous solution (64-17-5)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
LC50 inhalation rat (mg/l)	> 20 mg/l (4 h, Rat, Inhalation)

Skin corrosion/irritation : Not classified  
pH:  $\approx$  9 (8.5 – 9.5)  
Serious eye damage/irritation : Not classified  
pH:  $\approx$  9 (8.5 – 9.5)  
Respiratory or skin sensitization : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : May cause cancer.

ethanol, conc=90%, aqueous solution (64-17-5)	
IARC group	1 - Carcinogenic to humans

Reproductive toxicity : Not classified  
STOT-single exposure : Not classified  
STOT-repeated exposure : Not classified  
Aspiration hazard : Not classified  
Viscosity, kinematic : No data available

## SECTION 12: Ecological information

### 12.1. Toxicity

ethanol, conc=90%, aqueous solution (64-17-5)	
LC50 fish 1	13000 mg/l (96 h, Salmo gairdneri, Pure substance)
EC50 Daphnia 1	9300 mg/l (48 h, Daphnia magna, Pure substance)

### 12.2. Persistence and degradability

ethanol, conc=90%, aqueous solution (64-17-5)	
Persistence and degradability	Readily biodegradable in water
Biochemical oxygen demand (BOD)	0.8 – 0.967 g O <sub>2</sub> /g substance
Chemical oxygen demand (COD)	1.7 g O <sub>2</sub> /g substance
ThOD	2.1 g O <sub>2</sub> /g substance
BOD (% of ThOD)	0.43

### 12.3. Bioaccumulative potential

ethanol, conc=90%, aqueous solution (64-17-5)	
Partition coefficient n-octanol/water (Log Pow)	-0.32
Bioaccumulative potential	Not bioaccumulative

### 12.4. Mobility in soil

ethanol, conc=90%, aqueous solution (64-17-5)	
Ecology - soil	No (test)data on mobility of the components available

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### 12.5. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

No additional information available

## SECTION 14: Transport information

### Department of Transportation (DOT)

In accordance with DOT

Not applicable

### Air transport

Not regulated

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

### 15.2. International regulations

#### CANADA

##### ethanol, conc=90%, aqueous solution (64-17-5)

Listed on the Canadian DSL (Domestic Substances List)

#### EU-Regulations

#### National regulations

##### ethanol, conc=90%, aqueous solution (64-17-5)

Listed on IARC (International Agency for Research on Cancer)

### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

## SECTION 16: Other information

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Full text of H-phrases:

H225	Highly flammable liquid and vapor
H350	May cause cancer

SDS US (GHS HazCom 2012)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*