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# ALCON POLISH CAR WASH SHAMPOO

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
SDS Ref.: ALC-95  
Date of issue: 3/5/2020 Version: 1.0

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Product name : ALCON POLISH CAR WASH SHAMPOO  
Product code : M-9962 / M-9963 / M-9964  
Product group : Trade product

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Main use category : Industrial use, Consumer use  
Industrial/Professional use spec : Industrial  
Use of the substance/mixture : Car wash shampoo. Cleaner product.

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

ALCON ENDÜSTRİYEL ÜRÜNLER SANAYİ VE TİCARET LİMİTED ŞİRKETİ  
SOĞANLIK YENİ MAH, ALİAĞA SOK. NO:8 KAT:9 DAİRE:37 Bumerang Kartal Rezidans  
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#### 1.4. Emergency telephone number

Emergency number : +90 216 661 00 90

| Country | Organisation/Company  | Address   | Emergency number | Comment   |
|---------|---|---|------------------|---|
| Turkey  | Ulusal Zehir Merkezi (UZEM)<br>Refik Saydam Hıfzıssıhha Merkezi<br>Başkanlığı | Cemal Gürsel Cd. No: 18<br>Sıhhiye<br>Çankaya<br>06590 Ankara | 114              | Information is provided to public and medical personnel on poisoning incidents via 114. |

### SECTION 2: Hazards identification

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

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 2 H315  
Serious eye damage/eye irritation, Category 2 H319  
Full text of H statements : see section 16

##### Adverse physicochemical, human health and environmental effects

Causes skin irritation. Causes serious eye irritation.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) :

Warning

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|                                |  |
|--------------------------------|--|
| Hazard statements (CLP)        | : H315 - Causes skin irritation.<br>H319 - Causes serious eye irritation.  |
| Precautionary statements (CLP) | : P264 - Wash hands, forearms and face thoroughly after handling.<br>P280 - Wear protective clothing, eye protection, face protection.<br>P302+P352 - IF ON SKIN: Wash with plenty of water.<br>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P332+P313 - If skin irritation occurs: Get medical advice, medical attention.<br>P337+P313 - If eye irritation persists: Get medical advice, medical attention. |

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name   | Product identifier  | %         | Classification according to Regulation (EC) No. 1272/2008 [CLP]     |
|--|---|-----------|---|
| 2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether | (CAS-No.) 112-34-5<br>(EC-No.) 203-961-6<br>(EC Index-No.) 603-096-00-8 | 1 – 10    | Eye Irrit. 2, H319  |
| Disodium ethylenediamine tetraacetate                        | (CAS-No.) 6381-92-6<br>(EC-No.) 205-358-3                               | 1 – 5     | Acute Tox. 4 (Inhalation), H332<br>STOT RE 2, H373                  |
| Amides, coco, N,N-bis(hydroxyethyl)                          | (CAS-No.) 68603-42-9<br>(EC-No.) 271-657-0                              | 1 – 5     | Skin Irrit. 2, H315<br>Eye Dam. 1, H318                             |
| 1-hydroxy ethylidene-1,1-diphosphonic acid                   | (CAS-No.) 2809-21-4<br>(EC-No.) 220-552-8                               | 0.5 – 1.5 | Met. Corr. 1, H290<br>Acute Tox. 4 (Oral), H302<br>Eye Dam. 1, H318 |
| Dodecylbenzenesulfonic acid                                  | (CAS-No.) 27176-87-0<br>(EC-No.) 248-289-4                              | 0.5 – 1.5 | Acute Tox. 4 (Oral), H302<br>Skin Corr. 1B, H314                    |

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing.   |
| First-aid measures after skin contact | : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.   |
| First-aid measures after eye contact  | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| First-aid measures after ingestion    | : Call a poison center or a doctor if you feel unwell.   |

### 4.2. Most important symptoms and effects, both acute and delayed

|                                     |                   |
|-------------------------------------|-------------------|
| Symptoms/effects after skin contact | : Irritation.     |
| Symptoms/effects after eye contact  | : Eye irritation. |

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

#### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6: Accidental release measures

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

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

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes.

##### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment.

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

Methods for cleaning up : Take up liquid spill into absorbent material.  
Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.  
Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Store in a well-ventilated place. Keep cool.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether (112-34-5)

##### EU - Occupational Exposure Limits

|            |                           |
|------------|---------------------------|
| Local name | 2-(2-Butoxyethoxy)ethanol |
|------------|---------------------------|

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| 2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether (112-34-5) |                                 |
|---|---------------------------------|
| IOELV TWA (mg/m <sup>3</sup> )  | 67.5 mg/m <sup>3</sup>          |
| IOELV TWA (ppm)   | 10 ppm                          |
| IOELV STEL (mg/m <sup>3</sup> )   | 101.2 mg/m <sup>3</sup>         |
| IOELV STEL (ppm)  | 15 ppm                          |
| Regulatory reference  | COMMISSION DIRECTIVE 2006/15/EC |

### Turkey - Occupational Exposure Limits

|                               |  |
|-------------------------------|--|
| Local name                    | 2-(2-Bütoksietoksi)etanol                            |
| OEL TWA (mg/m <sup>3</sup> )  | 67.5 mg/m <sup>3</sup>                               |
| OEL TWA (ppm)                 | 10 ppm   |
| OEL STEL (mg/m <sup>3</sup> ) | 101.2 mg/m <sup>3</sup>                              |
| OEL STEL (ppm)                | 15 ppm   |
| Regulatory reference          | 12 Ağustos 2013 Tarihli ve 28733 Sayılı Resmî Gazete |

## 8.2. Exposure controls

### Appropriate engineering controls:

Ensure good ventilation of the work station.

### Hand protection:

Protective gloves

### Eye protection:

Safety glasses

### Skin and body protection:

Wear suitable protective clothing

### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

### Personal protective equipment symbol(s):



### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

|                 |                     |
|-----------------|---------------------|
| Physical state  | : Liquid            |
| Appearance      | : Liquid.           |
| Colour          | : Orange.           |
| Odour           | : Perfume.          |
| Odour threshold | : No data available |
| pH              | : 6 – 8             |

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|   |                     |
|---|---------------------|
| Relative evaporation rate (butylacetate=1)      | : No data available |
| Melting point                                   | : Not applicable    |
| Freezing point                                  | : No data available |
| Boiling point                                   | : > 100 °C          |
| Flash point                                     | : > 100 °C          |
| Auto-ignition temperature                       | : No data available |
| Decomposition temperature                       | : No data available |
| Flammability (solid, gas)                       | : Not applicable    |
| Vapour pressure                                 | : No data available |
| Relative vapour density at 20 °C                | : No data available |
| Relative density                                | : No data available |
| Density   | : 1.05 – 1.1 g/ml   |
| Solubility                                      | : soluble in water. |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Viscosity, kinematic                            | : No data available |
| Viscosity, dynamic                              | : No data available |
| Explosive properties                            | : No data available |
| Oxidising properties                            | : No data available |
| Explosive limits                                | : No data available |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 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 |

#### 2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether (112-34-5)

|                    |  |
|--------------------|--|
| LD50 dermal rabbit | 2764 mg/kg bodyweight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), 95% CL: 2090 - 3645 |
|--------------------|--|

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| <b>Dodecylbenzenesulfonic acid (27176-87-0)</b> |  |
|---|--|
| LD50 dermal rat                                 | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
| LC50 inhalation rat (mg/l)                      | 0.31 mg/l air Animal: rat, Animal sex: male  |

| <b>1-hydroxy ethylidene-1,1-diphosphonic acid (2809-21-4)</b> |  |
|---|--|
| LD50 oral rat   | 3130 mg/kg bodyweight Animal: rat, 95% CL: 2660 - 3665 |
| LD50 dermal rabbit  | > 10000 mg/kg bodyweight Animal: rabbit                |

|                                   |   |
|-----------------------------------|---|
| Skin corrosion/irritation         | : Causes skin irritation.<br>pH: 6 – 8        |
| Serious eye damage/irritation     | : Causes serious eye irritation.<br>pH: 6 – 8 |
| Respiratory or skin sensitisation | : Not classified                              |
| Germ cell mutagenicity            | : Not classified                              |
| Carcinogenicity                   | : Not classified                              |
| Reproductive toxicity             | : Not classified                              |
| STOT-single exposure              | : Not classified                              |
| STOT-repeated exposure            | : Not classified                              |

| <b>2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether (112-34-5)</b> |   |
|--|---|
| NOAEL (oral, rat, 90 days)   | 250 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents), Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents) |

| <b>Dodecylbenzenesulfonic acid (27176-87-0)</b> |   |
|---|---|
| LOAEL (oral, rat, 90 days)                      | 200 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |
| LOAEL (dermal, rat/rabbit, 90 days)             | 286 mg/kg bodyweight Animal: rat, Animal sex: male  |
| NOAEL (oral, rat, 90 days)                      | 100 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |
| NOAEL (dermal, rat/rabbit, 90 days)             | < 286 mg/kg bodyweight Animal: rat, Animal sex: male  |

|                   |                  |
|-------------------|------------------|
| Aspiration hazard | : Not classified |
|-------------------|------------------|

## SECTION 12: Ecological information

### 12.1. Toxicity

|   |   |
|---|---|
| Ecology - general   | : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified  |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified  |
| Not rapidly degradable                                    |   |

| <b>2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether (112-34-5)</b> |   |
|--|---|
| LC50 fish 1  | 1300 mg/l Test organisms (species): Lepomis macrochirus |
| EC50 Daphnia 1   | > 100 mg/l Test organisms (species): Daphnia magna      |

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|                    |   |
|--------------------|---|
| EC50 96h algae (1) | > 100 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |
|--------------------|---|

### Dodecylbenzenesulfonic acid (27176-87-0)

|                    |   |
|--------------------|---|
| EC50 Daphnia 1     | 5.88 mg/l Test organisms (species): Daphnia magna   |
| EC50 72h algae (1) | 65.4 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| EC50 72h algae (2) | 21 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)   |

### 1-hydroxy ethylidene-1,1-diphosphonic acid (2809-21-4)

|                    |   |
|--------------------|---|
| LC50 fish 1        | 195 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)   |
| EC50 Daphnia 1     | 527 mg/l Test organisms (species): Daphnia magna  |
| EC50 96h algae (1) | 7.23 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| EC50 96h algae (2) | 3 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)    |
| NOEC (chronic)     | 6.75 mg/l Test organisms (species): Daphnia magna Duration: '28 d'  |

## 12.2. Persistence and degradability

No additional information available

## 12.3. Bioaccumulative potential

No additional information available

## 12.4. Mobility in soil

No additional information available

## 12.5. Results of PBT and vPvB assessment

No additional information available

## 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

| ADR                                  | IMDG          | IATA          | ADN           | RID           |
|--------------------------------------|---------------|---------------|---------------|---------------|
| <b>14.1. UN number</b>               |               |               |               |               |
| Not regulated                        | Not regulated | Not regulated | Not regulated | Not regulated |
| <b>14.2. UN proper shipping name</b> |               |               |               |               |
| Not regulated                        | Not regulated | Not regulated | Not regulated | Not regulated |

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| 14.3. Transport hazard class(es)       |               |               |               |               |
|--|---------------|---------------|---------------|---------------|
| Not regulated                          | Not regulated | Not regulated | Not regulated | Not regulated |
| 14.4. Packing group                    |               |               |               |               |
| Not regulated                          | Not regulated | Not regulated | Not regulated | Not regulated |
| 14.5. Environmental hazards            |               |               |               |               |
| Not regulated                          | Not regulated | Not regulated | Not regulated | Not regulated |
| No supplementary information available |               |               |               |               |

### 14.6. Special precautions for user

#### Overland transport

Not regulated

#### Transport by sea

Not regulated

#### Air transport

Not regulated

#### Inland waterway transport

Not regulated

#### Rail transport

Not regulated

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

#### 15.1.2. National regulations

##### Germany

Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG)  
Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG)

Water hazard class (WGK) : WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1)

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

##### Netherlands

SZW-lijst van kankerverwekkende stoffen : Amides, coco, N,N-bis(hydroxyethyl) is listed

SZW-lijst van mutagene stoffen : Amides, coco, N,N-bis(hydroxyethyl) is listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

##### Denmark

Danish National Regulations : Pregnant/breastfeeding women working with the product must not be in direct contact with the product



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### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

| Abbreviations and acronyms: |   |
|-----------------------------|---|
| ADN                         | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways   |
| ADR                         | European Agreement concerning the International Carriage of Dangerous Goods by Road               |
| ATE                         | Acute Toxicity Estimate   |
| BLV                         | Biological limit value  |
| CAS-No.                     | Chemical Abstract Service number  |
| CLP                         | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                       |
| DMEL                        | Derived Minimal Effect level  |
| DNEL                        | Derived-No Effect Level   |
| EC50                        | Median effective concentration  |
| EC-No.                      | European Community number   |
| EN                          | European Standard   |
| IATA                        | International Air Transport Association   |
| IMDG                        | International Maritime Dangerous Goods  |
| LC50                        | Median lethal concentration   |
| LD50                        | Median lethal dose  |
| LOAEL                       | Lowest Observed Adverse Effect Level  |
| NOAEC                       | No-Observed Adverse Effect Concentration  |
| NOAEL                       | No-Observed Adverse Effect Level  |
| NOEC                        | No-Observed Effect Concentration  |
| OEL                         | Occupational Exposure Limit   |
| PBT                         | Persistent Bioaccumulative Toxic  |
| PNEC                        | Predicted No-Effect Concentration   |
| REACH                       | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail                      |
| SDS                         | Safety Data Sheet   |
| vPvB                        | Very Persistent and Very Bioaccumulative  |
| WGK                         | Water Hazard Class  |

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]:

|               |      |
|---------------|------|
| Skin Irrit. 2 | H315 |
| Eye Irrit. 2  | H319 |

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| Full text of H- and EUH-statements: |  |
|-------------------------------------|--|
| Acute Tox. 4 (Inhalation)           | Acute toxicity (inhal.), Category 4                                |
| Acute Tox. 4 (Oral)                 | Acute toxicity (oral), Category 4                                  |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1                      |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2                      |
| Met. Corr. 1                        | Corrosive to metals, Category 1                                    |
| Skin Corr. 1B                       | Skin corrosion/irritation, Category 1B                             |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2                              |
| STOT RE 2                           | Specific target organ toxicity — Repeated exposure, Category 2     |
| H290                                | May be corrosive to metals.  |
| H302                                | Harmful if swallowed.  |
| H314                                | Causes severe skin burns and eye damage.                           |
| H315                                | Causes skin irritation.  |
| H318                                | Causes serious eye damage.   |
| H319                                | Causes serious eye irritation.                                     |
| H332                                | Harmful if inhaled.  |
| H373                                | May cause damage to organs through prolonged or repeated exposure. |

SDS EU (REACH Annex II)

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