



## 1. Identification of the substance/mixture and of the company/undertaking

### Product identifier

**Name of product** elma clean 260 dip&splash (EC 260 d&s)

### Manufacturer/distributor

ELMA Hans Schmidbauer GmbH & Co KG  
Kolpingstr. 1-7, D-78224 Singen (Htwl.)  
Phone +49 7731 882-0, Fax +49 7731 882-266

E-Mail [info@elma-ultrasonic.com](mailto:info@elma-ultrasonic.com)  
Internet [www.elma-ultrasonic.com](http://www.elma-ultrasonic.com)

### Advice

Chemie/Labor: Email: [chemlab@elma-ultrasonic.com](mailto:chemlab@elma-ultrasonic.com)  
Phone +49 7731 882-287  
Fax +49 7731 882-266

### Emergency advice

Vergiftungs-Informations-Zentrale Freiburg  
(Sprache/Language: D, GB)  
Phone +49 761 19240

### Recommended intended purpose(s)

Neutral foam-inhibited cleaning concentrate for hard surfaces in industry and laboratory.

## ! 2. Hazards identification

### Classification according to 67/548/EEC or 1999/45/EC

Xi; R36

#### R-phrases

36 Irritating to eyes.

### Labelling according to 67/548/EEC or 1999/45/EC

#### Remarks for labelling

The product is classified and labelled in accordance with EC directives/German regulations on dangerous substances.

Xi Irritant



#### R-phrases

36 Irritating to eyes.

#### S-phrases

2 Keep out of the reach of children.  
23 Do not breathe spray.  
24/25 Avoid contact with skin and eyes.  
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
46 If swallowed, seek medical advice immediately and show this container or label.



### ! 3. Composition/information on ingredients

#### ! Description

Aqueous neutral foam-inhibited mixture of anionic and non-ionic surfactants, complexing agents and phosphates.

#### ! Hazardous ingredients

| CAS No     | EC No     | Name                            | [% weight] | Classification according to 67/548/EEC |
|------------|-----------|---------------------------------|------------|--|
| 69011-36-5 |           | C10- fatty alcohol, ethoxylated | < 5        | Xi R38-41                              |
| 28348-53-0 |           | isotridecanol, ethoxylated      | 5 - 15     | Xn R22; Xi R41                         |
| 28348-53-0 | 248-983-7 | sodium cumenesulphonate         | < 5        | Xi R36                                 |
| 28085-69-0 | 248-827-8 | potassium cumenesulphonate      | < 5        | Xi R36                                 |

#### REACH

| CAS No     | Name                       | REACH registration number |
|------------|----------------------------|---------------------------|
| 28348-53-0 | sodium cumenesulphonate    | 01-2119489411-37          |
| 28085-69-0 | potassium cumenesulphonate | 01-2119489427-24          |

### ! 4. First aid measures

#### In case of inhalation

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

#### ! In case of skin contact

In case of contact with skin wash off with water.

Consult a doctor if skin irritation persists.

#### In case of eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

#### In case of ingestion

Refer to medical treatment.

If swallowed seek medical advice immediately and show the doctor packing or label.

Rinse out mouth and give plenty of water to drink.

### ! 5. Firefighting measures

#### Suitable extinguishing media

water

Fire-extinguishing activities according to surrounding.

Foam

Dry powder

Carbon dioxide

#### ! Special hazards arising from the substance or mixture

In case of fire formation of dangerous gases possible.

#### Special protective equipment for fire-fighters

Do not inhale explosion and/or combustion gases.

### 6. Accidental release measures

#### Personal precautions

Use personal protection.

High risk of slipping due to leakage/spillage of product.

#### Environmental precautions

Do not discharge into surface waters/groundwater.



#### Methods for cleaning up

Take up with absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr).

Flush away residues with water.

After taking up the material dispose according to regulation.

## 7. Handling and storage

#### Advice on safe handling

Open and handle container with care!

Take the usual precautions when handling with chemicals.

#### Requirements for storage rooms and vessels

Keep only in unopened original container.

#### Further information on storage conditions

Keep locked up, out of reach of children

Protect from heat and direct solar radiation.

Do not keep at temperatures below 5 °C.

Do not keep at temperatures above 30 °C.

#### Information on storage stability

Storage time: 3 years.

## 8. Exposure controls/personal protection

#### Additional advice on system design

Technical exhaustion in case of longtermed exposition in sprayed aerosols.

#### Eye protection

tightly fitting goggles

#### General protective measures

Avoid contact with eyes and skin

Do not inhale gases/vapours/aerosols.

#### Hygiene measures

Provide washing facilities at place of work.

Keep away from food and drink.

## 9. Physical and chemical properties

#### Form

liquid

#### Colour

yellowish

#### Odour

characteristic

#### Important health, safety and environmental information

|                                   | Value                      | Temperature | at | Method | Remark                       |
|-----------------------------------|----------------------------|-------------|----|--------|------------------------------|
| <b>pH value in delivery state</b> | ca. 8,2                    |             |    |        |                              |
| <b>boiling range</b>              | >= 100 °C                  |             |    |        |                              |
| <b>Flash point</b>                |                            |             |    |        | No flash point below 100 °C. |
| <b>Density</b>                    | ca. 1,06 g/cm <sup>3</sup> |             |    |        |                              |
| <b>Solubility in water</b>        |                            |             |    |        | miscible                     |



|                              | Value | Temperature | at | Method | Remark |
|------------------------------|-------|-------------|----|--------|--------|
| <b>Solvent concentration</b> | 0 %   |             |    |        |        |
| <b>Oxidizing properties</b>  | no    |             |    |        |        |
| <b>Explosive properties</b>  | no    |             |    |        |        |

## ! 10. Stability and reactivity

### Conditions to avoid

Evolution of heat.

### ! Hazardous decomposition products

Carbon monoxide  
Irritant gases/vapours  
Sulphurous oxides (SO<sub>x</sub>)

## 11. Toxicological information

### Acute toxicity/Irritability/Sensitization

|                          | Value/Validation    | Species | Method | Remark |
|--------------------------|---------------------|---------|--------|--------|
| <b>Irritability skin</b> | low irritant effect |         |        |        |
| <b>Irritability eye</b>  | irritant            |         |        |        |

### Experiences made from practice

Has a degreasing effect on the skin.

## ! 12. Ecological information

### Data on elimination (persistence and degradability)

|                                 | Elimination rate | Method of analysis | Method     | Validation    |
|---------------------------------|------------------|--------------------|------------|---------------|
| <b>Biological degradability</b> | > 80 %           |                    | OECD 302 B | Biodegradable |

### Additional ecological information

|            | Value  | Method     | Remark |
|------------|--|------------|--------|
| <b>COD</b> | ca. 450 mgO <sub>2</sub> /g  | calculated |        |
| <b>AOX</b> | The product does not contain any organically bound halogens according to the recipe. |            |        |

### ! General regulation

The surfactants in our product meet the criteria for biodegradation as laid down in Annex III of the Regulation (EC) No 648/2004 on detergents.  
Do not allow uncontrolled leakage of product into the environment.



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### 13. Disposal considerations

**Waste code No.**  
20 01 30

**Name of waste**  
detergents other than those mentioned in 20 01 29

**Recommendations for the product**

Product is allowed to discharge into sewage treatment plants, but in accordance with official regulations.

**Recommendations for packaging**

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

**Recommended cleansing agent**

Water

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### 14. Transport information

**Land and inland navigation transport ADR/RID**

No dangerous goods as defined by these transport regulations

**Marine transport IMDG**

No hazardous material as defined by the prescriptions.

**Air transport ICAO/IATA-DGR**

No hazardous material as defined by the prescriptions.

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### 15. Regulatory information

**VOC standard**

**VOC content** 0 %

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### 16. Other information

**Further information**

These data are given according to our actual knowledge about this product. This data sheet does not correspond to an assurance by virtue of a contract for properties of the product.

**Sources of key data used**

Own measurements.

**Wording of the R/H-phrases specified in chapter 3 (not the classification of the mixture!)**

R 22 Harmful if swallowed.

R 36 Irritating to eyes.

R 38 Irritating to skin.

R 41 Risk of serious damage to eyes.