



**SUBJECT** Safety Data Sheet (SDS)

**SERVICE LOCATION** TÜV SÜD China

TÜV SÜD Products Testing (Shanghai) Co., Ltd.  
B-3/4, No.1999 Du Hui Road, Minhang District  
Shanghai 201108, P.R. China

**CLIENT NAME** Eurotronic Germany GmbH

**CLIENT ADDRESS** Zum Pier 86, D-44536 Lünen, Germany

**The sample information was submitted and identified on applicant's behalf to be:**

**SAMPLE NAME** Display Reiniger (Scutes Deluxe)

**PREPARED PERIOD** 09-Nov-2018~15-Nov-2018

**SERVICE REQUESTED** Based on the information provided by the applicant, the Safety Data Sheet (SDS) was prepared according to EU regulation No. 2015/830

**Prepared By**

(Gao Ju)  
Report Drafter

**Authorized By**

(Shen Li)  
Authorized Signatory

**Note:** (1) General Terms & Conditions as mentioned overleaf. (2) The results relate only to the items tested. (3) The test report shall not be reproduced except in full without the written approval of the laboratory. (4) Without the agreement of the laboratory, the client is not authorized to use the test results for unapproved propaganda.

## Safety Data Sheet

# Display Reiniger (Scutes Deluxe)

\*Prepared according to EU regulation No. 2015/830

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

### Product identifier

Product Name	Display Reiniger (Scutes Deluxe)
CAS No.	Not applicable
EC No.	Not applicable
Molecular Formula	Not applicable
REACH Registration Number	Not applicable
Product Photos	

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

Relevant identified uses	Please consult manufacturer.
Uses advised against	Please consult manufacturer.

### Details of the supplier of the Safety Data Sheet

Name of the company	Eurotronic Germany GmbH
Address of the company	Zum Pier 86 D-44536 Lünen Germany
Post code	201108
Telephone number	+49 ( 0 ) 231988704
Fax number	/
E-mail address	achaaban@eurotronic.eu

### Emergency phone number

Emergency phone number	13509678991
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## 2 Hazards identification

### CLP classification according to Regulation ( EC ) No. 1272/2008

According to Regulation (EC) No 1272/2008 and its amendments. Not classified as a dangerous substance.

### Label elements

Hazard pictograms	Not applicable
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## Display Reiniger (Scutes Deluxe)

<b>Signal word</b>	Not applicable
<b>Hazard statements</b>	
<b>Hazard statements</b>	Not applicable
<b>Precautionary statements</b>	
◆ Prevention	
<b>Prevention</b>	Not applicable
◆ Response	
<b>Response</b>	Not applicable
◆ Storage	
<b>Storage</b>	Not applicable
◆ Disposal	
<b>Disposal</b>	Not applicable
<b>Other hazards</b>	
	Not applicable

### 3 Component

Component	Cas No.	EC No.	Index No.	Hazard classification according to CLP	Concentration (weight percent, %)
Ammonium dodecyl sulphate	2235-54-3	218-793-9	-	Skin Corrosion/Irritation , Category 2 ,H315 ;Serious Eye Damage/Irritation , Category 1 , H318	0.7
2,2'-isopropylidenebis(p-phenyleneoxy)diethanol	901-44-0	212-985-6	-	Not Classified	0.6
Poly(oxy-1,2-ethanediyl), a-sulfo-w-(dodecyloxy)-, sodium salt (1:1)	9004-82-4	618-398-5	-	Acute Toxicity – Oral , Category 4 ,H302 ;Serious Eye Damage/Irritation , Category 2A , H319	0.3
Water	7732-18-5	231-791-2	-	Not Classified	98.4

### 4 First aid measures

#### Description of first aid measures

<b>General advice</b>	Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.
<b>Skin contact</b>	No harm in general situation. First aid is not needed.
<b>Ingestion</b>	Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician immediately.
<b>Inhalation</b>	Move victim into fresh air. If breathing is difficult, give oxygen. Do not use mouth to mouth resuscitation if victim ingested or inhaled the substance. If not breathing, give artificial respiration and consult a physician immediately.

<b>Protecting of first-aiders</b>	Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.
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**Most important symptoms and effects, both acute and delayed**

1	Please see section 11.
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**Indication of any immediate medical attention and special treatment needed**

1	Treat symptomatically.
2	Symptoms may be delayed.

**5 Firefighting measures**

**Extinguishing media**

<b>Suitable extinguishing media</b>	Use extinguishing media suitable for surrounding area.
<b>Unsuitable extinguishing media</b>	There is no restriction on the type of extinguisher which may be used.

**Specific hazards arising from the substance or mixture**

1	Not combustible, not considered a significant fire risk, however containers may burn.
2	May expansion or decompose explosively when heated or involved in fire.

**Advice for firefighters**

1	As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.
2	Fight fire from a safe distance, with adequate cover.
3	Suppress (knock down) gases/vapor/mists with water spray.

**6 Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**

1	Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges.
2	Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
3	Use personal protective equipment. Avoid breathing vapours, mist or gas.

**Environmental precautions**

1	Prevent further leakage or spillage if safe to do so.
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**Methods and materials for containment and cleaning up**

1	Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.
2	Absorb spilled material in dry sand or inert absorbent. In case of large amount of spillage, contain a spill by bunding.
3	Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

**7 Handling and storage**

**Precautions for handling**

◆ Protective measures

1	Handling is performed in a well ventilated place.
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## Display Reiniger (Scutes Deluxe)

2 | Avoid contact with eyes.

◆ Measures to prevent fire

1 | Keep away from heat/sparks/open flames/ hot surfaces.

◆ Measures to prevent aerosol and dust generation

1 | Not applicable.

◆ Advice on general occupational hygiene

1 | Wash hands and face after using of the substances.

2 | Replace the contaminated clothing immediately.

### Conditions for safe storage, including any incompatibilities

1 | Keep containers tightly closed.

2 | Keep containers in a dry, cool and well-ventilated place.

3 | Keep away from heat/sparks/open flames/hot surfaces.

4 | Store away from incompatible materials and foodstuff containers.

5 | Containers which are opened must be carefully resealed and kept upright to prevent leakage.

### Specific end uses

1 | In addition to use mentioned in the first parts, unforeseen other specific end uses.

## 8 Exposure controls/personal protection

### Control parameters

◆ Occupational Exposure limit values

<b>Occupational Exposure limit values</b>	No information available
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◆ Biological limit values

<b>Biological limit values</b>	No information available
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◆ Monitoring methods

1 | EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.

2 | GBZ/T 160.1~GBZ/T 160.81-2004 Determination of toxic substances in workplace air ( Series standard ).

◆ Derived No effect level(DNEL)

Component	Route of exposure	DNEL for Workers			
		Acute effects (local)	Acute effects (systemic)	Chronic effects (local)	Chronic effects (systemic)
Ammonium dodecyl sulphate 2235-54-3	Inhalation	No data available	No data available	No data available	No data available
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available
2,2'-isopropylidenebis(p-phenyleneoxy)diethanol 901-44-0	Inhalation	No data available	No data available	No data available	No data available
	Oral	No data available	No data available	No data available	No data available

## Display Reiniger ( Scutes Deluxe)

	Dermal	No data available	No data available	No data available	No data available
Poly(oxy-1,2-ethanediyl), a-sulfo-w-(dodecyloxy)-, sodium salt (1:1) 9004-82-4	Inhalation	No data available	No data available	No data available	No data available
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available
Water 7732-18-5	Inhalation	No data available	No data available	No data available	No data available
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available

### ◆ Predicted No Effect Concentration ( PNEC )

<b>Predicted No Effect Concentration ( PNEC )</b>	No information available
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### | Engineering controls

1	Ensure adequate ventilation, especially in confined areas.
2	Ensure that eyewash stations and safety showers are close to the workstation location.
3	Use explosion-proof electrical/ventilating/lighting/equipment.
4	Set up emergency exit and necessary risk-elimination area.

### | Personal protection equipment

<b>General requirement</b>	No special requirements, please see the description below.
<b>Eye protection</b>	In general situation, eye protection is not needed. In the production process, when contacting with vapours, tightly fitting safety goggles (approved by EN 166(EU) or NIOSH (US)).
<b>Hand protection</b>	In general situation, hand protection is not needed.
<b>Respiratory protection</b>	In general situation, respiratory protection is not needed. If exposure limits are exceeded or if irritation or other symptoms are experienced, use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges.
<b>Skin and body protection</b>	In general situation, skin and body protection are not needed.

## 9 Physical and chemical properties

### | Physical and chemical properties

<b>Appearance</b>	Liquid
<b>Odor</b>	No special odor
<b>Odor threshold</b>	No information available
<b>pH</b>	No information available
<b>Melting point/freezing point(°C)</b>	< 20
<b>Initial boiling point and boiling range(°C)</b>	> 35
<b>Flash point(Closed cup, °C)</b>	The flash point above 93 °C
<b>Evaporation rate</b>	No information available
<b>Flammability</b>	Not flammable

## Display Reiniger (Scutes Deluxe)

Upper/lower explosive limits[%(v/v)]	Upper limit : No information available ; Lower limit : No information available
Vapor pressure	No information available
Vapor density(Air = 1)	> 1
Relative density(Water=1)	No information available
Solubility(mg/L)	Miscible with water
n-octanol/water partition coefficient	No information available
Auto-ignition temperature(°C)	No information available
Decomposition temperature(°C)	No information available
Viscosity(mm <sup>2</sup> /s)	No information available
Explosive properties	Not explosive
Oxidizing properties	Not oxidizing

## 10 Stability and reactivity

### Stability and reactivity

Reactivity	Contact with incompatible substances can cause decomposition or other chemical reactions.
Chemical stability	Stable under proper operation and storage conditions.
Possibility of hazardous reactions	In contact with active metals (alkali metals, Na, Ca etc.) causes a reaction and release hydrogen.
Conditions to avoid	Incompatible materials, heat, flame and spark.
Incompatible materials	Alkali, sodium, calcium, and other active metal, halogen, metal oxide, nonmetal oxide, acyl halide and metal phosphide.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11 Toxicological information

### Acute toxicity

Component	Cas No.	LD <sub>50</sub> (oral)	LD <sub>50</sub> (dermal)	LC <sub>50</sub> (inhalation,4h)
Poly(oxy-1,2-ethanediyl),a-sulfo-w-(dodecyloxy)-, sodium salt (1:1)	9004-82-4	1600mg/kg(Rat)	No information available	No information available

### Carcinogenicity

ID	Cas No.	Component	IARC	NTP
1	2235-54-3	Ammonium dodecyl sulphate	Not Listed	Not Listed
2	901-44-0	2,2'-isopropylidenebis(p-phenyleneoxy)diethanol	Not Listed	Not Listed
3	9004-82-4	Poly(oxy-1,2-ethanediyl),a-sulfo-w-(dodecyloxy)-, sodium salt (1:1)	Not Listed	Not Listed
4	7732-18-5	Water	Not Listed	Not Listed

### Others

Display Reiniger (Scutes Deluxe)	
Skin corrosion/irritation	Based on available data, the classification criteria are not met

## Display Reiniger ( Scutes Deluxe)

<b>Serious eye damage/irritation</b>	Based on available data, the classification criteria are not met
<b>Skin sensitization</b>	Based on available data, the classification criteria are not met
<b>Respiratory sensitization</b>	Based on available data, the classification criteria are not met
<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met
<b>STOT-single exposure</b>	Based on available data, the classification criteria are not met
<b>STOT-repeated exposure</b>	Based on available data, the classification criteria are not met
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met
<b>Reproductive toxicity(additional)</b>	Based on available data, the classification criteria are not met

## 12 Ecological information

### Acute aquatic toxicity

Component	Cas No.	Fish	Crustaceans	Algae
2,2'-isopropylidenebis(p-phenyleneoxy)diethanol	901-44-0	LC <sub>50</sub> : 21mg/L (96h)(Fish)	EC <sub>50</sub> : >34mg/L (48h)(Crustaceans)	ErC <sub>50</sub> : 17mg/L (72h)(Algae)

### Chronic aquatic toxicity

Component	Cas No.	Fish	Crustaceans	Algae
2,2'-isopropylidenebis(p-phenyleneoxy)diethanol	901-44-0	No information available	No information available	NOEC : 0.95mg/L(Algae)

### Persistence and degradability

Component	Cas No.	Persistence (water/soil)	Persistence (air)
Water	7732-18-5	Low	Low
Poly(oxy-1,2-ethanediyl),a-sulfo-w-(dodecyloxy)-, sodium salt (1:1)	9004-82-4	Low	Low
2,2'-isopropylidenebis(p-phenyleneoxy)diethanol	901-44-0	High	High

### Bioaccumulative potential

Component	Cas No.	Bioaccumulative potential	comments
Water	7732-18-5	Low	Log K <sub>ow</sub> =-1.38
Poly(oxy-1,2-ethanediyl),a-sulfo-w-(dodecyloxy)-, sodium salt (1:1)	9004-82-4	Low	Log K <sub>ow</sub> =-1.38
2,2'-isopropylidenebis(p-phenyleneoxy)diethanol	901-44-0	Low	BCF=41.8

### Mobility in soil

Component	Cas No.	Mobility in soil	Soil Organic Carbon-Water Partitioning Coefficient (Koc)
Water	7732-18-5	Low	14.3
Poly(oxy-1,2-ethanediyl),a-sulfo-w-(dodecyloxy)-, sodium salt (1:1)	9004-82-4	Low	14.3



## Display Reiniger (Scutes Deluxe)

2,2'-isopropylidenebis(p-phenyleneoxy)diethanol	901-44-0	Low	153.8
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### Results of PBT and vPvB assessment

Component	Cas No.	Results of PBT and vPvB assessment ( according to (EC) No 2015/830)
Ammonium dodecyl sulphate	2235-54-3	not PBT/vPvB
2,2'-isopropylidenebis(p-phenyleneoxy)diethanol	901-44-0	not PBT/vPvB
Poly(oxy-1,2-ethanediyl),a-sulfo-w-(dodecyloxy)-, sodium salt (1:1)	9004-82-4	not PBT/vPvB
Water	7732-18-5	not PBT/vPvB

## 13 Disposal considerations

### Disposal considerations

Waste chemicals	Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal.
Contaminated packaging	Containers may still present chemical hazard when empty. Keep away from hot and ignition source of fire. Return to supplier for recycling if possible.
Disposal recommendations	Refer to section 13.1 and 13.2.

## 14 Transport information

### Label and Mark

Transporting Label	Not applicable
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### IMDG-CODE

IMDG-CODE	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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### ICAO/IATA-DGR

ICAO/IATA-DGR	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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### UN-ADR

UN-ADR	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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## 15 Regulatory information

### International chemical inventory

Component	EINECS	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AICS	ENCS
Ammonium dodecyl sulphate	✓	✓	✓	✓	✓	✓	✓	✓	✗
2,2'-isopropylidenebis(p-phenyleneoxy)diethanol	✓	✓	✗	✓	✓	✓	✓	✓	✓
Poly(oxy-1,2-ethanediyl),a-sulfo-w-(dodecyloxy)-, sodium salt (1:1)	✗	✓	✓	✓	✓	✓	✓	✓	✓
Water	✓	✓	✓	✓	✓	✓	✓	✓	✗

【EINECS】 European Inventory of Existing Commercial Chemical Substances

【TSCA】 United States Toxic Substances Control Act Inventory

## Display Reiniger ( Scutes Deluxe)

【DSL】	Canadian Domestic Substances List
【IECSC】	China Inventory of Existing Chemical Substances
【NZIoC】	New Zealand Inventory of Chemicals
【PICCS】	Philippines Inventory of Chemicals and Chemical Substances
【KECI】	Existing and Evaluated Chemical Substances
【AICS】	Australia Inventory of Chemical Substances
【ENCS】	Existing And New Chemical Substances

### European chemical inventory

Component	A	B	C	D	E	F	G
Ammonium dodecyl sulphate	×	×	×	✓	×	×	×
2,2'-isopropylidenebis(p-phenyleneoxy)diethanol	×	×	×	✓	✓	×	×
Poly(oxy-1,2-ethanediyl),a-sulfo-w-(dodecyloxy)-, sodium salt (1:1)	×	×	×	✓	×	×	×
Water	×	×	×	✓	×	×	×

【A】 Candidate list of Substances of Very High Concern for authorization under EU REACH regulation

【B】 Substances requiring authorisation under EU REACH regulation

【C】 Substances restricted under EU REACH

【D】 Pre-registered substances under EU REACH

【E】 Registered substances under EU REACH

【F】 Substance Evaluation – CoRAP under EU REACH

【G】 List of priority substances under EU water policy ( Directive 2455/2001/EC )

#### Note

"✓" Indicates that the substance included in the regulations

"×" That no data or included in the regulations

## 16 Others

### Information on revision

Creation Date	2018/11/09
Revision Date	2018/11/27
Reason for revision	-

### Reference

[1]IPCS: The International Chemical Safety Cards (ICSC), website: <http://www.ilo.org/dyn/icsc/showcard.home>.

[2]IARC , website: <http://www.iarc.fr/>.

[3]OECD: The Global Portal to Information on Chemical Substances, website:  
[http://www.echemportal.org/echemportal/index?pageID=0&request\\_locale=en](http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en).

[4]CAMEO Chemicals, website: <http://cameochemicals.noaa.gov/search/simple>.

[5]NLM: ChemIDplus, website: <http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp>.

[6]EPA: Integrated Risk Information System, website: <http://cfpub.epa.gov/iris/>.

[7]U.S. Department of Transportation: ERG, website: <http://www.phmsa.dot.gov/hazmat/library/erg>.

[8]Germany GESTIS-database on hazard substance, website: <http://gestis-en.itrust.de/>.

### Abbreviations and acronyms

## Display Reiniger ( Scutes Deluxe)

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**CAS** –Chemical Abstracts Service

**PC-STEL**- Short term exposure limit

**DNEL** - Derived No Effect Level

**RPE** - Respiratory Protective Equipment

**LC<sub>50</sub>** - Lethal Concentration 50%

**NOEC** -No Observed Effect Concentration

**PBT** - Persistent, Bioaccumulative, Toxic

**BCF** - Bioconcentration factor (BCF)

**IMDG**-International Maritime Dangerous Goods

**UN**-The United Nations

**NFPA**-National Fire Protection Association

**CMR** - Carcinogens, mutagens or substances toxic to reproduction

**PC-TWA** - Time Weighted Average

**IARC** - International Agency for Research on Cancer

**PNEC** –Predicted No Effect Concentration

**LD<sub>50</sub>** - Lethal Dose 50%

**EC<sub>50</sub>** - Effective Concentration 50%

**POW** - Partition coefficient Octanol: Water

**vPvB** - very Persistent, very Bioaccumulative

**ICAO/IATA**-International Civil Aviation Organization/International Air Transportation Association

**ACGIH**-American Conference of Governmental Industrial Hygienists

**OECD**-Organization for Economic Co-operation and Development

### **| Disclaimer**

This Safety Data Sheet (SDS) was prepared according to REACH Regulation the data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user' s reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

