

# SAFETY DATA SHEET

[In Accordance With The Criteria Of Regulation No 1907/2006 (REACH) And 2015/430]

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

### 1.1 Product identifier

**Cleaning set LCD/LED/PLASMA**

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

Relevant identified uses: for cleaning screens of electronic devices.

Uses advised against: not determined.

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

Manufacturer: **Twinpol Sp. z o.o**  
Address: Lipowa 48, 87-126 Obrowo Poland  
Telephone/Fax number: +48 604 377 357  
E-mail address for a competent person responsible for SDS: [info@twinpol.pl](mailto:info@twinpol.pl)

### 1.4 Emergency telephone number

112

## Section 2: Hazards identification

### 2.1 Classification of the substance or mixture

The product is not classified as hazardous for human life and health and for the environment.

### 2.2 Label elements

Hazard pictograms and signal words

None.

Hazard statements

None.

Precautionary statements

None.

Additional information

Composition in accordance with Regulation (EC) on detergents N° 648/2004: anionic surfactants (< 5%), EDTA and salts thereof (< 5%), perfumes (citronellol), preservatives (methylchloroisothiazolinone, methylisothiazolinone, 2-bromo-2-nitropropane-1,3-diol).

### 2.3 Other hazards

There is no information whether the substance or mixture meets criteria for PBT or vPvB in accordance with Annex XIII of Regulation REACH. Suitable researches were not conducted.

## Section 3: Composition/information on ingredients

### 3.1 Substances

Not applicable.

### 3.2 Mixtures

Product contains hazardous components in quantities that do not require to be included in the classification. Product does not contain components with threshold limit values on the Community level.

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## Section 4: First aid measures

### 4.1 Description of first aid measures

Skin contact: consult a doctor if disturbing symptoms appear. Wash the contaminated skin with plenty of water with soap.

Eye contact: consult a doctor if disturbing symptoms appear. Protect the non-irritated eye, remove contact lenses. Wash the contaminated eyes with plenty of water for 10-15 minutes. Avoid powerful water stream – risk of cornea damage.

Ingestion: rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Consult a doctor if disturbing symptoms appear.

Inhalation: remove to fresh air. Keep the victim warm and calm. Consult a doctor if disturbing symptoms appear.

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

There are no reports concerning the adverse effects or critical threats if the product is properly used.

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

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured.

## Section 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media: non-flammable product, adjust fire fighting measures to the surrounding materials.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

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

During the fire, the product may produce toxic fumes containing carbon oxides. Do not inhale combustion products, they can be dangerous for human health.

### 5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals.

## Section 6: Accidental release measures

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

Limit the access for the outsiders into the breakdown area, until the suitable cleaning operations are completed. Avoid skin and eye contamination.

### 6.2 Environmental precautions

In case of large spills, prevent the substance from spreading into the environment. Notify relevant emergency services.

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

Collect spills with liquid absorbing materials (sand, diatomaceous earth, universal binding agents etc.) to the labeled containers. Clean the contaminated area.

### 6.4 Reference to other sections

Appropriate conduct with waste product – see section 13.

## Section 7: Handling and storage

### 7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Avoid skin and eye contamination. Before break and after work wash hands carefully. Use in accordance with intended purpose.

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## 7.2 Conditions for safe storage, including any incompatibilities

Keep only in original, tightly closed containers. Keep away from food, beverages or animal feed. Avoid direct sunlight. Keep away from fire.

## 7.3 Specific end use(s)

There is no information about other uses than those mentioned in section 1.2.

## Section 8: Exposure controls/personal protection

### 8.1 Control parameters

The product does not contain any components which are subject to exposure control in the workplace.

Legal basis: Commission Directive 2006/15/EC, 2000/39/EC, 2009/161/EC, 2017/164/EU.

Please check any national occupational exposure limit values in your country.

### 8.2. Exposure controls

Handle in accordance with good occupational hygiene and safety practices. Do not eat, drink and smoke during the work. Before break and after work wash hands carefully. Avoid contact with skin and eyes.

#### Hand and body protection

Not required.

#### Eye protection

Not required.

#### Respiratory protection

In case of an adequate ventilation it is not required.

#### Environmental exposure controls

Do not allow the large quantity of mixture to contaminate ground water, wastewater, canalization or soil.

## Section 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

physical state:	liquid
colour:	colourless
odour:	characteristic, pleasant
odour threshold:	not determined
pH:	not determined
melting point/freezing point:	not determined
initial boiling point and boiling range:	100°C
flash point:	not applicable, not-flammable
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	not applicable
vapour pressure:	not determined
vapour density:	not determined
density:	not determined
solubility(ies):	soluble in water
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	product is not auto-igniting
decomposition temperature:	not determined
explosive properties:	do not display
oxidising properties:	do not display
viscosity:	not determined

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## 9.2 Other information

There are no additional test results.

## Section 10: Stability and reactivity

### 10.1 Reactivity

Product does not undergo a dangerous polymerization. See also section 10.3-10.5

### 10.2 Chemical stability

The product is stable under normal conditions of storage and use.

### 10.3 Possibility of hazardous reactions

Not known.

### 10.4 Conditions to avoid

Avoid heat sources and direct sunlight.

### 10.5 Incompatible materials

Strong oxidants.

### 10.6 Hazardous decomposition products

Not known.

## Section 11: Toxicological information

### 11.1 Information on toxicological effects

Information regarding acute and/or delayed results of the exposure was defined on the basis of the information on product's classification and/or toxicological studies as well as the experience and knowledge of the manufacturer.

#### Acute toxicity

Based on available data, the classification criteria are not met.

#### Skin corrosion/ irritation

Based on available data, the classification criteria are not met.

#### Serious eye damage/irritation

Based on available data, the classification criteria are not met.

#### Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

#### Repeated dose toxicity

Based on available data, the classification criteria are not met.

#### Germ cell mutagenicity

Based on available data, the classification criteria are not met.

#### Carcinogenicity

Based on available data, the classification criteria are not met.

#### Reproductive toxicity

Based on available data, the classification criteria are not met.

#### STOT - single exposure

Based on available data, the classification criteria are not met.

#### STOT - repeated exposure

Based on available data, the classification criteria are not met.

#### Aspiration hazard

Based on available data, the classification criteria are not met.

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## Section 12: Ecological information

### 12.1 Toxicity

The product is not classified as dangerous for environment.

### 12.2 Persistence and degradability

Product is subject to biodegradation.

### 12.3 Bioaccumulative potential

Not expected to bioaccumulate.

### 12.4 Mobility in soil

Product is mobile in soil and aquatic environment.

### 12.5 Results of PBT and vPvB assessment

Not applicable.

### 12.6 Other adverse effects

Product does not have any influence on global warming and destruction of the ozone layer.

## Section 13: Disposal considerations

### 13.1 Waste treatment methods

Disposal methods for the product: reuse in accordance with the legislation in force. Store residues in original containers. Waste code should be given in the manufacturing place.

Disposal methods for used packing: reuse/recycling/liquidation of empty containers dispose in accordance with the legislation in force. Only containers completely empty can be reused.

Legal basis: Directive 2008/98/EC, 94/62/EC.

## Section 14: Transport information

### 14.1 UN number

Not applicable.

### 14.2 UN proper shipping name

Not applicable.

### 14.3 Transport hazard class(es)

Not applicable.

### 14.4 Packing group

Not applicable.

### 14.5 Environmental hazards

Not applicable.

### 14.6 Special precautions for user

There are no special precautions..

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

Not applicable.

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## Section 15: Regulatory information

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

**Regulation (EC) No 1907/2006** of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

**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 (Text with EEA relevance).

**Commission Regulation (EC) No 790/2009** of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (Text with EEA relevance).

**Commission Regulation (EU) No 2015/430** of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).

**2008/98/EC** of the European Parliament and of the Council of 19. November 2008 on waste.

**European Parliament and Council Directive 94/62/EC** of 20 December 1994 on packaging and packaging waste.

**Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII, REACH)**

Not applicable.

### 15.2 Chemical safety assessment

Chemical safety assessment was not carried out for the mixture.

## Section 16: Other information

### Clarification of aberrations and acronyms

PBT                      Persistent, Bioaccumulative and Toxic Substances  
vPvB                    very Persistent and very Bioaccumulative Substances

### Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

### Key literature references and data sources

This SDS was prepared on the basis of sheets of the individual components, literature data, online databases (eg. ECHA, TOXNET, COSING) as well as our knowledge and experience, taking into account current legislation.

### Other data

Classification was based on data on the content of hazardous substances and established with calculation method under the guidance of Regulation 1272/2008/EC (CLP) as amended.

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The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.