

Date of issue: 07.05.2012 **Replaces Data Sheet of:**

"*" alterations as compared to previous version; n.ap. = not applicable; n.av. = not available

1 Identification of Substance / Preparation and Company

Identification of Substance or Preparation

Trade Name : ISY Clear Screen Sray 50 ml / ISY Clear Screen Sray 125 ml

Art. No. / EAN-Code: ICL2000/4049011100619 / ICL4000/4049011100633

Use : TFT / LCD Screen Cleaning

Preparation No. : I2011

Address of the Manufacturer:

WAREG Verpackungs - GmbH, Lilienthalstraße 55 – 57, 64625 Bensheim, Germany

Telephone: + 49 6251 8450 0, Telefax: + 49 6251 8450 39

Contact Person:

Mr. Neumann; eMail: andy.neumann@wareg-gmbh.de

Address of the supplier:

Imtron GmbH, Wankelstr. 5, 85046 Ingolstadt, Germany

Telephone: + 49 841 634 3003

Responsible:

CHEMCO123@ – Chemical Consultancy, graduate chemist, R. Fechner, ☎ + 49 5254 9575 05,

eMail: info@chemco123.de

Emergency - Telephone

Information Centre Specialising
in Symptoms of Poisoning

Telephone: + 49 6131 - 19240 / 232466 (with costs)

Emergency - Telephone of
Company / Undertaking

Telephone: + 49 6251 8450 0

2 Hazards Identification

For Humans:

Classification :

The product does not need to be labelled in accordance with EC directive 1999/45.

Additional advice :

May cause skin and eye irritation in susceptible persons. Repeated contact may cause allergic reactions in very susceptible persons. Resorption through skin possible.

For the Environment :

Not water endangering.

3 Composition / Information on Ingredients

Chemical Characterisation:

Aqueous solution with special active agents

Dangerous Ingredients:

CAS - No.	Index - No.	EC - No.	Material	m% - range	Symbol R - phrases
Remarks:					
Classification and labelling of a product is indicated under item 15.					
Exposure Controls / Personal Protection under item 8					
R -phrase(s) under item 16					

Remarks:

Classification and labelling of a product is indicated under item 15.

Exposure Controls / Personal Protection under item 8

R -phrase(s) under item 16

4 First Aid Measures

General advice:

Show this safety data sheet to the doctor in attendance.

Inhalation:

Not relevant.

Skin Contact :

Wash away with water.

Consult a physician if allergic reactions are happended.

Eye Contact :

Flush eyes out immediately with large amounts of water with eye lids lifted.

If irritation persists consult physician.

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Ingestion :

Do not cause vomiting. Rinse mouth out and drink plenty of water. In the event of symptoms occurring, seek medical treatment.

Note to Physician:

Danger of aspiration when vomiting or irrigating stomach. Give anti-foaming agent if necessary.

Special Equipment: n.ap.

5 Fire Fighting Measures

Suitable Extinguishing Media : This material is not combustible; use extinguishing media appropriate for surrounding fire.

Extinguishing Media to Avoid : carbon dioxide

Fire and Explosion Hazards :

In case of fire, product may form: Organic crackproducts, carbon oxides, nitrogenoxides, Hydrogenchloride, Sulphur oxides and inorganic dust.

Additional Information : None.

Special Protective Equipment :

Wear positive pressure self-contained breathing apparatus.

Wear full protective clothing.

6 Accidental Release Measures

Personal Precautions :

See personal protective equipment.

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

Environmental Precautions and Methods for Cleaning up :

No special environmental precautions required. Soak up residues with absorbent material.

Send in suitable containers for recovery or disposal.

Further Information :

None.

7 Handling and Storage

Handling

Precautions for Safe Handling :

No special measures necessary.

Precautions in Case of Fire and Explosion :

The product is not combustible.

Storage

Storage Instructions :

No special measures necessary.

Store away from :

Do not store together with strong oxidizing agents.

Further Information on Storage Conditions :

Affected by frost.

8 Exposure Controls and Personal Protection

Information on System Design :

Provide personal protective equipment.

Exposure Limits:

CAS / Material

Limit Value according to TRGS 900/ EC Guideline 2000/39:

Even in the case of a full release, due to the small amount of substances present, it is not expected that exposure limits will be reached.

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Personal Protective Equipment

General Protection and Hygiene :

Avoid contact with eyes and skin. Remove contaminated, saturated clothing immediately.

Do not eat or drink while working.

Respiratory Protection : No.

Hand Protection:

Excessive exposure: Use protective gloves according to EN 374. (butylrubber).

Break through time: > 480 Min. Glove thickness: 0,7 mm.

Short time exposure: Use protective gloves according to EN 374. (butyl rubber).

Break through time: > 30 Min. Glove thickness: 0,4 mm.

Refer to manufacturer of gloves for detailed information.

Eye Protection : Goggles

Skin Protection : No.

Further Information : The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

9 Physical and Chemical Properties

Appearance

Form : liquid

Colour : blue

Odour : pleasant

Safety Relevant Data

pH-value, undiluted :	6,5
Boiling point / Boiling - range (°C) :	ca. 100
Melting point / Melting range (°C) :	n.av.
Flash point (°C, c.c.) :	n.ap.
Flammability:	n.ap.
Ignition temperature (°C) :	n.ap.
Autoflammability:	n.ap.
Oxidising properties :	No.
Explosion hazard :	No.
Explosion limits (Vol.%) lower :	n.ap., upper : n.ap.
Vapour pressure :	n.ap.
Density (g/ml) :	n.av.
Solubility (in Water) :	Soluble
Partition coefficient, n-Octanol/Water :	n.av.
Viscosity :	like water
Solvent separation test :	n.ap.
Solvent content (m %) :	n.ap.
VOC – content (g / kg):	n.ap.
Fat solubility :	No
Further Data	
Thermal decomposition (°C) :	n.av.
Vapour density (Air = 1) :	n.ap.
Evaporation rate :	n.ap.

10 Stability and Reactivity

Conditions to Avoid :

No special measures necessary if used correctly.

Materials to Avoid :

Reactions with strong oxidizing agents.

Hazardous Decomposition Products :

No dangerous decomposition products when properly handled.

Further Information :

None.

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11 Toxicological Information

Toxicological Tests :

Acute Health Effects :

Inhalation, LC₅₀ rat, (mg/l/4h) : n.av.

Ingestion, LD₅₀ rat, (mg/kg) : >> 2000

Skin - contact, LD₅₀ rat, (mg/kg) : n.av.

Irritation (to skin / eye) : May cause eye or skin irritation with susceptible persons.

Sensitisation : Sensitisation, exceeding the expected reactions of sensitive persons are not likely.

Subacute / Chronic Toxicity :

Carcinogenicity : No.

Mutagenicity : No.

Teratogenicity : No.

Narcotic Effects : No.

12 Environmental Information

Elimination (Persistence and Degradability) :

The product is biodegradable.

Behaviour in Sewage Works :

Mobility and Accumulation Potential :

According to present knowledge no negative ecological reactions are to be expected.

Ecotoxic Effects, Aquatic Toxicity :

Not water endangering.

Other Ecological Information

COD-Value, mg/g : n.av.

BOD₅-Value, mg/g : n.av.

AOX-Remarks : Product contains any organic halogens

Persistent, bioaccumulative and toxic substances (PBT-substances): None

Very persistent and very bioaccumulative substances (vPvB-substances): None.

13 Disposal Considerations

Residues

Recommendation : D 10 Waste - Code - No. : 07 07 99

In addition comply with the regional authorities.

Safe Handling: See item 7 and 15.

Contaminated Packaging

Recommendation : Wash with suitable cleaner. Otherwise as described under Residues.

Safe Handling : As described under Residues.

14 Transport Information

Transportation by Road or Railway according to ADR/GGVS and RID/GGVE

Remarks : No dangerous goods according to ADR

Classification for Transportation by Vessels according to IMDG/GGVSee

Remarks : No dangerous goods according to IMDG

Classification for Transportation by Aeroplane according to IATA-DGR/ICAO-TI

Remarks : No dangerous goods according to IATA-DGR

15 Regulatory Information

Classification according to EC-directive 1999/45:

The product does not need to be labelled in accordance with EC directive 1999/45.

Further EC – regulations:

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.

Yes

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Additional advice:

Contains: Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) / formaldehyde / 2-bromo-2-nitropropane-1,3-diol

16 Other Information

R -phrase(s) :

None.

Further information to work out the Data sheet:

Data of the producer.

The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.

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