

Safety Data Sheet

According to 91/155 EC, amended with 2001/58/EC

Printing date 14.11.2006

Reviewed on 14.11.2006

1 Identification of substance/preparation and of the company/undertaking**• Product details:****• Trade name: KYOKKO Screen Cleaner****• Article number:** MCE 0101/1**• ID KXSE-2000-0****• Application of the substance / the preparation:** Screen cleaner**• Manufacturer/Supplier:**

Kasei Optonix, Ltd.
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 Japan
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• Subsidiary:

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• Information: see: subsidiary**• Emergency information:** see: manufacturer/supplier**2 Composition/Data on components/ingredients:****• Chemical characterization****• Description:** Mixture consisting of the following components.**• Components:**

	water	< 99%
84133-50-6	Alcohols, C12-14-secondary, ethoxylated	> 0.5%
9003-11-6	EO/PO Blockpolymer	> 0.5%

• Regulation (EC) No 648/2004 on detergents / Labelling for contents

non-ionic surfactants	< 5%
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3 Hazards identification**• Hazard designation:**

Xi Irritant

• Information pertaining to particular dangers for man and environment

R 36 Irritating to eyes.

• Classification system

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

4 First aid measures**• General information** No special measures required.**• After inhalation** Supply fresh air; get medical attentions.**• After skin contact** Instantly wash with water and soap and rinse thoroughly.**• After eye contact**

Rinse opened eye for several minutes (~15 min.) under running water. If symptoms persist, consult doctor.

• After swallowing If swallowed, do not induce vomiting. Get medical attentions.

(Contd. on page 2)

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(Contd. of page 1)

5 Fire fighting measures• **Suitable extinguishing agents**

Use fire fighting measures that suit the environment.

• **For safety reasons unsuitable extinguishing agents** Water with a full water jet.• **Protective equipment:** Do not inhale explosion gases or combustion gases.• **Additional information** The product itself is non-combustible.**6 Accidental release measures**• **Person-related safety precautions:** Not required.• **Measures for environmental protection:**

Do not allow product to reach sewage system or water bodies.

• **Measures for cleaning/collecting:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

• **Additional information:**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

7 Handling and storage• **Handling**• **Information for safe handling:** Keep containers tightly sealed.• **Information about protection against explosions and fires:**

The product is not flammable

• **Storage**• **Requirements to be met by storerooms and containers:**

Storehouses and workplaces must be sufficiently ventilated.

• **Information about storage in one common storage facility:**

Store away from foodstuffs.

• **Further information about storage conditions:** None.**8 Exposure controls and personal protection**• **Additional information about design of technical systems:**

No further data; see Section 7.

• **Personal protective equipment**• **General protective and hygienic measures**

Keep away from foodstuffs, beverages and food.

Do not eat, drink or smoke while working.

Take off immediately all contaminated clothing.

Wash hands during breaks and at the end of the work.

Avoid contact with the eyes and skin.

• **Breathing equipment:** Not required.• **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

• **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

• **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

• **Eye protection:** Tightly sealed safety glasses.

(Contd. on page 3)

Safety Data Sheet

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(Contd. of page 2)

- **Body protection:** Void

9 Physical and chemical properties:

- **General Information**

Form: Fluid
Colour: milky
Odour: Odourless

- **Change in condition**

Melting point/Melting range: Not determined
Boiling point/Boiling range: 100°C

- **Flash point:** Not applicable

- **Density** 1.0 g/cm³

- **Solubility in / Miscibility with**

Water: Soluble

- **pH-value:** 7.0±1.0

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
- **Dangerous reactions** No dangerous reactions known
- **Dangerous products of decomposition:** No dangerous decomposition products known

11 Toxicological information

- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

84133-50-6 Alcohols, C12-14-secondary, ethoxylated

Oral	LD50	5100 mg/kg (rat)
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- **Primary irritant effect:**

- **on the skin:** No irritant effect

- **on the eye:** Irritant effect.

- **Sensitization:** No sensitizing effect known.

12 Ecological information:

- **General notes:**

At present no ecotoxicological assessments are known.

Do not allow product to reach underground or surface water or sewage system.

13 Disposal considerations

- **Product:**

- **Recommendation** Remove in accordance with the local official recommendations.

- **European waste catalogue**

16 05 08	discarded organic chemicals consisting of or containing dangerous substances
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14 Transport information

- **Land transport ADR/RID**

- **ADR/RID Class:** -

- **Maritime transport IMDG:**

- **IMDG Class:** -

- **Marine pollutant:** No

(Contd. on page 4)

Safety Data Sheet

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(Contd. of page 3)

- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -
- **Transport/Additional information:**
No dangerous good according to international transport regulations.

15 Regulatory information

- **Designation according to EC guidelines:**
The product has been classified and labelled in accordance with EC Directives / Ordinance on Hazardous Materials (GefStoffV)
- **Code letter and hazard designation of product:**
Xi Irritant
- **Risk phrases:**
36 Irritating to eyes.
- **Safety phrases:**
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

16 Other information:

This data is based on our present knowledge. However, it shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.