

SAFETY DATA SHEET

Regulation (EC) No 1907/2006 (REACH), Annex II
(COMMISSION REGULATION (EU) No 453/2010)

Version 1

Product Name Whiteboard cleaning liquid, WBC-001, WBC-002.WBC-003, WBC-004,
whiteboard cleaning wipes WBT-001, WBT-002, WBT-003, WBT-004, WBT-005

Issue Date 26-Feb-2014
Revision date 17-Nov-2016

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name Whiteboard cleaning liquid, WBC-001, WBC-002.WBC-003, WBC-004, whiteboard
cleaning wipes WBT-001, WBT-002, WBT-003, WBT-004, WBT-005
REACH registration number No information available.

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

Recommended Use Whiteboard cleaning, care.
Uses advised against No information available.

1.3. Details of the supplier of the safety data sheet

Supplier Ningbo SKL INTERNATIONAL CO., LTD.
Address No. 195,Hongda Road, Part A, Hongtang Industrial Park, Jiangbei, Ningbo, China
Postal Code 315033
Phone Purchase09@sklinter.com
FAX +86-574-27901818
E-mail +86-574-27901830

1.4. Emergency telephone number

Hira Ltd, +44 (0) 161 834 2868

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

This product is not classified under Regulation (EC) No. 1272/2008 [CLP].

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

This product is not classified under Directive 67/548/EEC or 1999/45/EC.

2.2. Label elements

Symbols/Pictograms No signal word.
Signal word No pictogram.
Hazard Statements No hazard statement.
Precautionary Statements No precautionary statement.

2.3. Other hazards

No information available

SECTION 3: Composition/information on ingredients

3.1 mixtures

Chemical Name	EC No	CAS No	Weight-%	Classification according to Directive 67/548/EEC or 1999/45/EC	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Water	231-791-2	7732-18-5	92	Not classified	Not classified
1-propoxy-2-Propanol	216-372-4	1569-01-3	6	R10 Xi; R36	Flam. Liq. 3 (H226) Eye Irrit. 2 (H319)
Ethane-1,2-diol	203-473-3	107-21-1	2	Xn; R22	Acute Tox. 4 (H302)

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

If inhaled product, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if you feel unwell.

Skin Contact

Product is not irritating to skin. Wash hands after handling.

Eye contact

If product gets in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion

If ingested by mistake, rinse mouth with water. Get medical attention if you feel unwell.

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

None known.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Product is not flammable, select extinguishing media according to surroundings.

Unsuitable extinguishing media

No information available

5.2. Special hazards arising from the substance or mixture

In case of heating or fire, toxic gases may be released: carbon oxides.

5.3. Advice for firefighters

Wear suitable self-contained breathing apparatus and chemical-protective clothing.
Keep containers cool with water spray.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Refer to SECTION 8 for personal protective equipment. Remove all of ignition source. Provide sufficient ventilation. Evacuate area.

6.2. Environmental precautions

Keep away from drains, surface and ground water.

6.3. Methods and material for containment and cleaning up

Absorb spill with inert material, (e.g., dry sand or earth), then place into a chemical waste container. Avoid runoff into storm sewers and ditches which lead to waterways. Remove all sources of ignition. Provide ventilation.

6.4. Reference to other sections

See Section 7 for more information
 See section 8 for more information
 See section 13 for more information

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Do not handle until all safety precautions have been read and understood. Do not eat, drink or smoke in the workplace. Wash hands before breaks and after work. Use personal protective equipment as required (see Section 8). Remove contaminated clothing and protective equipment before entering eating areas. Provide appropriate exhaust ventilation. Use in a well-ventilated area.

7.2. Conditions for safe storage, including any incompatibilities

Store in a dry, cool, and well-ventilated place. Keep away from heat/sparks/open flames/hot surfaces.

7.3. Specific end use(s)

Apart from the uses mentioned in SECTION 1.2 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Chemical Name	European Union	United Kingdom	France	Spain	Germany
Ethane-1,2-diol 107-21-1	S* TWA 20 ppm TWA 52 mg/m ³ STEL 40 ppm STEL 104 mg/m ³	STEL: 40 ppm STEL: 104 mg/m ³ STEL: 30 mg/m ³ TWA: 20 ppm TWA: 52 mg/m ³ TWA: 10 mg/m ³ Skin	TWA: 20 ppm TWA: 52 mg/m ³ STEL: 40 ppm STEL: 104 mg/m ³	S* STEL: 40 ppm STEL: 104 mg/m ³ TWA: 20 ppm TWA: 52 mg/m ³	TWA: 10 ppm TWA: 26 mg/m ³ Ceiling / Peak: 20 ppm Ceiling / Peak: 52 mg/m ³ Skin

Chemical Name	Italy	Portugal	Netherlands	Finland	Denmark
Ethane-1,2-diol 107-21-1	TWA: 20 ppm TWA: 52 mg/m ³ STEL: 40 ppm STEL: 104 mg/m ³ Skin	Ceiling: 100 mg/m ³	Skin STEL: 104 mg/m ³ TWA: 52 mg/m ³ TWA: 10 mg/m ³	TWA: 20 ppm TWA: 50 mg/m ³ STEL: 40 ppm STEL: 100 mg/m ³ Skin	TWA: 10 ppm TWA: 26 mg/m ³ TWA: 10 mg/m ³ Skin

Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
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Ethane-1,2-diol 107-21-1	Skin STEL 20 ppm STEL 52 mg/m ³ TWA: 10 ppm TWA: 26 mg/m ³	Skin STEL: 20 ppm STEL: 52 mg/m ³ TWA: 10 ppm TWA: 26 mg/m ³	STEL: 50 mg/m ³ TWA: 15 mg/m ³	TWA: 10 mg/m ³ TWA: 20 ppm TWA: 52 mg/m ³ Skin Ceiling: 25 ppm STEL: 104 mg/m ³ STEL: 40 ppm	TWA: 10 mg/m ³ TWA: 20 ppm TWA: 52 mg/m ³ STEL: 40 ppm Skin
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Derived No Effect Level (DNEL)

No information available.

Predicted No Effect Concentration (PNEC)

No information available.

8.2. Exposure controls

Engineering Controls

Provide local exhaust ventilation.

Personal protective equipment

- Eye/face protection Wear appropriate eye/face protection if necessary.
- Hand Protection Wear appropriate protective gloves if necessary.
- Skin and body protection Suitable protective clothing.
- Respiratory protection Wear appropriate respirator if necessary.

Environmental exposure controls

Do not allow into any sewer, on the ground or into any body of water.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Appearance** Colourless liquid
- Odor** Odourless
- Odor Threshold** No information available
- pH** No information available
- Melting point/freezing point** 100°C
- Boiling point / boiling range** No information available
- Flash point** No information available
- Evaporation rate** No information available
- Flammability** Not flammable
- Flammability Limit in Air** No information available
- Vapor Pressure** No information available
- Vapor density** No information available
- Density** No information available
- Relative density** No information available
- Bulk density** No information available
- Specific gravity** No information available
- Water solubility** Soluble in water
- Partition coefficient** No information available
- Autoignition temperature** Product is not self-igniting.
- Decomposition temperature** No information available

Kinematic viscosity No information available
Explosive properties Not an explosive
Oxidizing properties Not applicable

9.2. Other information
No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under recommended storage and handling conditions (see SECTION 7, handling and storage).

10.2. Chemical stability

Stable under normal handling and storage conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

Strong heating and other sources of ignition.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

In case of heating or fire, toxic gases may be released: carbon oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ethane-1, 2-diol	= 4000 mg/kg (Rat)	-	-

Skin corrosion/irritation

Product is not irritating.

Serious eye damage/eye irritation

Product is not irritating.

Sensitization

Product is not sensitizing.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Reproductive toxicity

No information available.

STOT - single exposure

No information available.

STOT - repeated exposure

No information available.

Aspiration hazard

No information available.

SECTION 12: Ecological information

12.1. Toxicity

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Ethane-1,2-diol	6500 - 13000: 96 h Pseudokirchneriella subcapitata mg/L EC50	41000: 96 h Oncorhynchus mykiss mg/L LC50 14 - 18: 96 h Oncorhynchus mykiss mL/L LC50 static 27540: 96 h Lepomis macrochirus mg/L LC50 static 40761: 96 h Oncorhynchus mykiss mg/L LC50 static 40000 - 60000: 96 h Pimephales promelas mg/L LC50 static 16000: 96 h Poecilia reticulata mg/L LC50 static	46300: 48 h Daphnia magna mg/L EC50

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

PBT/vPvB assessment information is not available as chemical safety assessment not conducted.

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated packaging	Empty containers should be taken for local recycling, recovery or waste disposal.

SECTION 14: Transport information

- 14.1 UN Number Not regulated
- 14.2 Proper shipping name Not regulated
- 14.3 Hazard Class Not regulated
- 14.4 Packing Group Not regulated
- 14.5 Environmental hazards Not applicable
- 14.6 Special precautions No information available
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable

SECTION 15: Regulatory information

15.1. EU regulation:

- Authorisations: Not applicable.
- Restrictions on use: Not applicable.

15.2. International Inventories

Component	TSCA	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
Water 7732-18-5	Listed	Listed	Listed	exempted	Listed	Listed	Listed	Listed
1-propoxy-2-Propan ol 1569-01-3	Listed	Listed	Listed	Listed	Listed	Listed	Listed	Listed
Ethane-1,2-diol 107-21-1	Listed	Listed	Listed	Listed	Listed	Listed	Listed	Listed

15.3. Chemical safety assessment

No information available.

SECTION 16: Other information

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

- Issue Date 26-Feb-2014
- Revision date 17-Nov-2016
- Revision Note Update chemical names.

Key or legend to abbreviations and acronyms used in the safety data sheet

TWA - TWA (time-weighted average)

STEL - STEL (Short Term Exposure Limit)

Ceiling - Maximum limit value

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

Full text of H-Statements referred to under section 3

H302 - Harmful if swallowed

H226 –Flammable liquid and vapour

H319 - Causes serious eye irritation

Full text of R-phrases referred to under sections 2 and 3

R10 - Flammable

R22 – Harmful if swallowed

R36 - Irritating to eyes

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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