



that was easySM

This Product is sold as a kit. The following are the combined MSDS sheets.

Thank You!

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

Product identifier:

***Trade Name:** Water based board clear solution

***Product code:** CNA002

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

Application of the substance/mixture: for white board clean

Details of the supplier of the safety data sheet:

Cosmetics Co., Ltd. Huizhou Aocai

Guangdong Province Shuikou Town Huizhou City Gate Avenue, Linhai Industrial Zone

E-mail: 2546024694@qq.com

Emergency telephone number

Tel: 86-752-5322216 / 13751319587 Fax: 86-752-5802897

2. Hazards Identification

Classification of the substance or mixture

***Classification according to Regulation (EC) No 1272/2008**

Not applicable

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

Not applicable

***Classification system:**

Classification was done according Annex VI of directive (EU) No. 1272/2008. Classification were done according Part II, sub-section 33.2.1 and 33.4.1, of the UN Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria.

***Label elements**

***Labelling according to Regulation (EC) No 1272/2008**

The substance is classified and labelled according to the CLP regulation.

***Hazard pictograms**

Not applicable

***Signal word:** N/A

***Hazard statements**

N/A

***Precautionary statements**

P332+P313: IF SKIN irritation occurs: Get medical advice/attention.

P264: Wash hands thoroughly after handling.

Trade name: Water based board clear solution

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: IF eye irritation persists: Get medical advice/attention.

***Information concerning particular hazards for human and environment: None**

***Other hazards: N/A**

***Results of PBT and vPvB assessment**

***PBT:** Not applicable

***vPvB:** Not applicable

3. Composition/information on ingredients**Chemical characterization**

Chemical Name	CAS No.	EC No.	Classification	Weight (%)
1,3-bis(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione	6440-58-0	229-222-8	Acute Tox. 4; H302 Eye Irrit. 2; H319	1.0
Sodium lauryl ether sulfate	9004-82-4	N/A	N/A	9.00
Water	7732-18-5	N/A	N/A	90.0

4. First Aid Measures

***After inhalation:** In case of unconsciousness place patient stably in side position for transportation

***After skin contact:** Immediately wash with water and soap and rinse thoroughly.

***After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.

***After swallowing:** If symptoms persist consult doctor

Most important symptoms and effects, both acute and delayed: No further relevant information available

5. Firefighting Measures

***Extinguishing media**

***Suitable extinguishing agents:**

CO2 powder or water spray.

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

No further relevant information available

***Advice for firefighters**

Protective equipment: No special measures required.

6. Accidental Release Measures

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

Not required.

***Environmental precautions:**

Do not allow product to reach sewage system or any water course.

Printing Date: Mar. 17, 2016

Revision: Mar. 17, 2016

Trade name: Water based board clear solution***Methods and material for containment and cleaning up:**

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

Dispose contaminated material as waste according to Section 13..

***Reference to other sections**

See Section 1 for information on emergency telephone number.

See Section 4 for information on first aid measures.

See Section 5 for information on firefighting measures.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7. Handling and Storage***Handling:*****Precautions for safe handling:**

Wash hands after work and before break.

***Information about fire - and explosion protection:**

No special measures required.

Conditions for safe storage, including any incompatibilities:**Storage:**

Store in a cool and dry place. Store away from oxidizing agents. Do not store together with acids and alkalis.

***Further information about storage conditions:**

None.

8. Exposure Controls / Personal Protection***Additional information about design of technical facilities:** No further data; see item 7.***Control parameters***** Ingredients with limit values that require monitoring at the workplace:** Not required.***DNELs** No data***PNECs** No data***Additional information:** None.***Personal protective equipment:****General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

Respiratory protection

Not required.

Protection of hands:

Protective gloves

Trade name: Water based board clear solution

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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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:

Not required.

9. Physical and Chemical Properties**General Information**

Form: Liquid

Color: Transparent

Odor: Odorless

Change in condition

Melting point/Melting range: ~0°C

Boiling point/Boiling range: ~100°C

Flash point: Not applicable

Flammability (solid, gaseous): Non-flammable

Ignition temperature: Not applicable

Auto igniting: Not applicable

Danger of explosion: Not applicable

Explosion limits:

Lower: Not applicable

Upper: Not applicable

Oxidizing properties: Not applicable

Density: Not applicable

Relative density: Not applicable

Vapour density: Not applicable

Evaporation rate: Not applicable

Solubility in / Miscibility with

Water: Can soluble in water

pH-value: ~ 6.5

10. Chemical Stability and Reactivity Information

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Printing Date: Mar. 17, 2016

Revision: Mar. 17, 2016

Trade name: Water based board clear solution

Materials to be avoided: Strong oxidizing agents, strong acid and strong base

Dangerous reactions: No dangerous reactions known.

Dangerous products of decomposition: No dangerous decomposition products known

11. Toxicological Information

***Information on toxicological effects**

***Acute toxicity:**

***Primary irritant effect:**

***on the skin:** No Irritant

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

***Sensitization:** No sensitizing effects known.

***Subacute to chronic toxicity:** No effects known.

***Additional toxicological information:** None.

12. Ecological Information

***Toxicity**

***Aquatic toxicity:** this product is not classified ecotoxic according Ann. VI of directive 1272/2008.

***Persistence and degradability** No further relevant information available.

***Behaviour in environmental systems:**

***Bioaccumulative potential** No further relevant information available.

***Mobility in soil** No further relevant information available.

***Additional ecological information:**

***General notes:** Generally not hazardous for water

***Results of PBT and vPvB assessment**

***PBT:** Not applicable.

***vPvB:** Not applicable.

***Other adverse effects** No further relevant information available.

13. Disposal Considerations

Product:

Recommendation:

Smaller quantities can be disposed of with household waste.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

14. Transportation Information

Maritime transport IMDG:

- **IMDG Class:** Not applicable

- **UN Number:** Not applicable

- **Label -**

Printing Date: Mar. 17, 2016

Revision: Mar. 17, 2016

Trade name: Water based board clear solution

- **Packaging group: Not applicable**
- **Marine pollutant: Not applicable**
- **Proper shipping name: Not applicable**

15. Regulatory Information

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

***National regulations:**

***Other regulations, limitations and prohibitive regulations**

The product is listed in the following chemical inventories:

AICS Australia

DSL Canada

TSCA USA

MITI Japan

KECI Korea

PICCS Philippines

Water hazard class (WGK): generally not hazardous to water (self classification according to VwVWS)

***Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16. Other Information

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

***Reason for Changes** Chapter 10 - Incompatible materials corrected

***Department issuing MSDS:** Quality Management Department (Product safety & Dangerous Goods)

***Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning

the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organization

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

MATERIAL SAFETY DATA SHEET

1. Commercial Product name: MICPIC INK BLUE A-65

Company: ORIENT CHEMICAL (KOREA), LTD.

Address: 489-5 Moknae-dong, Ansan-shi,
Kyunggi-do, KOREA
Tel: 031) 493-6166/9, Fax: 031) 491- 3405

Telephone number for urgent call: 031) 493-6166/9

2. Composition / Chemical characterization

Chemical name: Whiteboard marker ink Blue color

Dangerous components: Ethanol CAS: 64-17-5 55 – 70%
Isopropylalcohol CAS: 67-63-0 10 – 20%
Dioctyl Adipate CAS: 103-23-1 5- 10%

3. Hazard identification

May be irritating to respiratory tract, skin and eyes.
This Product is not rapidly ignitable.
Use only with adequate ventilation.
Wash after handling.

4. First aid measures

Inhalation: If inhaled, move to fresh air.
Perform artificial respiration if necessary.
Get medical attention immediately.

Eyes: Flush eye with flowing water until no evidence of
chemical remains(at last 15 minutes)
If irritation develops consult an oculist.

Skin: Remove contaminated clothing and shoes
immediately.
Wash affected skin with soap and water.
Get medical attention immediately.

Ingestion: If swallowed, dilute with water and induce vomiting.
Get medical attention immediately.
Never give anything by mouth to unconscious
person.

5. Fire fighting measures:

Fire and explosion hazard: Not application

Suitable extinguishing media: Not application

6. Accidental release measures

- Personal precautions: Clean up with the appropriate personal
equipment (see Section 8)

- Environmental precautions: Scoop or sweep & transfer into a closed container.
Keep waste out of sewers.

- Method for cleaning up: Scoop or sweep into a container for reuse or
disposal. Keep unnecessary person away.

7. Handling and storage

Stored in cool dry place, keep container tightly closed. Do not inhale the substance and avoid contact with the skin or eyes. Wear protective clothing when handling open containers; avoid environmental

pollution by handling the product carefully. Wash after handling. Use only with adequate ventilation.

8. Exposure control / Personal Protection

- Respiratory Protection:	Local exhaust ventilation Air purifying respirator
- Hand Protection:	Rubber gloves
- Eye Protection:	Safety goggles
- Skin Protection:	Impervious clothing

9. Physical & Chemical properties

- Appearance:	Blue. Uniform liquid
- Odor:	Alcohol smelling
- pH:	4.5 ± 1.5
- Viscosity:	5.5 ~ 8.5 cPs
- Specific gravity:	0.80 ~ 0.85
- Surface tension:	22 ~ 26 mN/m
- Boiling point:	78°C
- Melting point:	Not application
- Flash point:	Not application
- Solubility in water:	Not soluble
- Vapor density:	0.63 (Air = 1)
- Vapor pressure:	Not application
- Flammability:	Not application
- Explosive properties:	Not application
- Oxidizing properties:	Not application

10. Stability & Reactivity

Stability and reactivity:	stable under normal condition of storage and use
Hazardous reaction:	none
Hazardous decomposition products:	none

11. Toxicological information

- Actual oral toxicity: LD50(rat):	no data available
- Skin irritation/ rabbit /draize test:	no data available
- Irritation of Mucous/rabbit eyes/Draize test:	no data available

12 Ecological information

Elimination:	no data available
Behavior in environmental compartments:	no data available
Ecotoxix Reaction:	no data available
Bacteria toxicity:	no data available
Fish toxicity:	no data available

13. Disposal considerations

Ensure that disposal is in compliance with local, national regulations.

14. Transport information

GGV IMDG CODE:	none
ICAO/ IATA ~ DGR:	not restricted
UN No.:	not restricted
RID/ ADR:	none

15. Information of Regulations

no data available

16. Other information

no data available

MATERIAL SAFETY DATA SHEET

1. Commercial Product name: MICPIC INK GREEN A-55

Company: ORIENT CHEMICAL (KOREA), LTD.

Address: 489-5 Moknae-dong, Ansan-shi,
Kyunggi-do, KOREA
Tel: 031) 493-6166/9, Fax: 031) 491- 3405

Telephone number for urgent call: 031) 493-6166/9

2. Composition / Chemical characterization

Chemical name: Whiteboard marker Green color

Dangerous components: Ethanol CAS: 64-17-5 55 – 70%
Isopropylalcohol CAS: 67-63-0 10 – 20%
Dioctyl Adipate CAS: 103-23-1 5- 10%

3. Hazard identification

May be irritating to respiratory tract, skin and eyes.
This Product is not rapidly ignitable.
Use only with adequate ventilation.
Wash after handling.

4. First aid measures

Inhalation: If inhaled, move to fresh air.
Perform artificial respiration if necessary.
Get medical attention immediately.

Eyes: Flush eye with flowing water until no evidence of
chemical remains(at last 15 minutes)
If irritation develops consult an oculist.

Skin: Remove contaminated clothing and shoes
immediately.
Wash affected skin with soap and water.
Get medical attention immediately.

Ingestion: If swallowed, dilute with water and induce vomiting.
Get medical attention immediately.
Never give anything by mouth to unconscious
person.

5. Fire fighting measures:

Fire and explosion hazard: Not application

Suitable extinguishing media: Not application

6. Accidental release measures

- Personal precautions: Clean up with the appropriate personal
equipment (see Section 8)

- Environmental precautions: Scoop or sweep & transfer into a closed container.
Keep waste out of sewers.

- Method for cleaning up: Scoop or sweep into a container for reuse or
disposal. Keep unnecessary person away.

7. Handling and storage

Stored in cool dry place, keep container tightly closed. Do not inhale the substance and avoid contact with the skin or eyes. Wear protective clothing when handling open containers; avoid environmental

pollution by handling the product carefully. Wash after handling. Use only with adequate ventilation.

8. Exposure control / Personal Protection

- Respiratory Protection:	Local exhaust ventilation Air purifying respirator
- Hand Protection:	Rubber gloves
- Eye Protection:	Safety goggles
- Skin Protection:	Impervious clothing

9. Physical & Chemical properties

- Appearance:	Green. Uniform liquid
- Odor:	Alcohol smelling
- pH:	4.5 ± 1.5
- Viscosity:	5.5 ~ 8.5 cPs
- Specific gravity:	0.80 ~ 0.85
- Surface tension:	22 ~ 26 mN/m
- Boiling point:	78°C
- Melting point:	Not application
- Flash point:	Not application
- Solubility in water:	Not soluble
- Vapor density:	0.63 (Air = 1)
- Vapor pressure:	Not application
- Flammability:	Not application
- Explosive properties:	Not application
- Oxidizing properties:	Not application

10. Stability & Reactivity

Stability and reactivity:	stable under normal condition of storage and use
Hazardous reaction:	none
Hazardous decomposition products:	none

11. Toxicological information

- Actual oral toxicity: LD50(rat):	no data available
- Skin irritation/ rabbit /draize test:	no data available
- Irritation of Mucous/rabbit eyes/Draize test:	no data available

12 Ecological information

Elimination:	no data available
Behavior in environmental compartments:	no data available
Ecotoxix Reaction:	no data available
Bacteria toxicity:	no data available
Fish toxicity:	no data available

13. Disposal considerations

Ensure that disposal is in compliance with local, national regulations.

14. Transport information

GGV IMDG CODE:	none
ICAO/ IATA ~ DGR:	not restricted
UN No.:	not restricted
RID/ ADR:	none

15. Information of Regulations

no data available

16. Other information

no data available

MATERIAL SAFETY DATA SHEET

1. Commercial Product name: MICPIC INK RED A-35

Company: ORIENT CHEMICAL (KOREA), LTD.

Address: 489-5 Moknae-dong, Ansan-shi,
Kyunggi-do, KOREA
Tel: 031) 493-6166/9, Fax: 031) 491- 3405

Telephone number for urgent call: 031) 493-6166/9

2. Composition / Chemical characterization

Chemical name: Whiteboard marker red color

Dangerous components: Ethanol CAS: 64-17-5 55 – 70%
Isopropylalcohol CAS: 67-63-0 10 – 20%
Dioctyl Adipate CAS: 103-23-1 5- 10%

3. Hazard identification

May be irritating to respiratory tract, skin and eyes.
This Product is not rapidly ignitable.
Use only with adequate ventilation.
Wash after handling.

4. First aid measures

Inhalation: If inhaled, move to fresh air.
Perform artificial respiration if necessary.
Get medical attention immediately.

Eyes: Flush eye with flowing water until no evidence of
chemical remains(at last 15 minutes)
If irritation develops consult an oculist.

Skin: Remove contaminated clothing and shoes
immediately.
Wash affected skin with soap and water.
Get medical attention immediately.

Ingestion: If swallowed, dilute with water and induce vomiting.
Get medical attention immediately.
Never give anything by mouth to unconscious
person.

5. Fire fighting measures:

Fire and explosion hazard: Not application

Suitable extinguishing media: Not application

6. Accidental release measures

- Personal precautions: Clean up with the appropriate personal
equipment (see Section 8)

- Environmental precautions: Scoop or sweep & transfer into a closed container.
Keep waste out of sewers.

- Method for cleaning up: Scoop or sweep into a container for reuse or
disposal. Keep unnecessary person away.

7. Handling and storage

Stored in cool dry place, keep container tightly closed. Do not inhale the substance and avoid contact with the skin or eyes. Wear protective clothing when handling open containers; avoid environmental

pollution by handling the product carefully. Wash after handling. Use only with adequate ventilation.

8. Exposure control / Personal Protection

- Respiratory Protection:	Local exhaust ventilation Air purifying respirator
- Hand Protection:	Rubber gloves
- Eye Protection:	Safety goggles
- Skin Protection:	Impervious clothing

9. Physical & Chemical properties

- Appearance:	Red. Uniform liquid
- Odor:	Alcohol smelling
- pH:	4.5 ± 1.5
- Viscosity:	5.5 ~ 8.5 cPs
- Specific gravity:	0.80 ~ 0.85
- Surface tension:	22 ~ 26 mN/m
- Boiling point:	78°C
- Melting point:	Not application
- Flash point:	Not application
- Solubility in water:	Not soluble
- Vapor density:	0.63 (Air = 1)
- Vapor pressure:	Not application
- Flammability:	Not application
- Explosive properties:	Not application
- Oxidizing properties:	Not application

10. Stability & Reactivity

Stability and reactivity:	stable under normal condition of storage and use
Hazardous reaction:	none
Hazardous decomposition products:	none

11. Toxicological information

- Actual oral toxicity: LD50(rat):	no data available
- Skin irritation/ rabbit /draize test:	no data available
- Irritation of Mucous/rabbit eyes/Draize test:	no data available

12 Ecological information

Elimination:	no data available
Behavior in environmental compartments:	no data available
Ecotoxix Reaction:	no data available
Bacteria toxicity:	no data available
Fish toxicity:	no data available

13. Disposal considerations

Ensure that disposal is in compliance with local, national regulations.

14. Transport information

GGV IMDG CODE:	none
ICAO/ IATA ~ DGR:	not restricted
UN No.:	not restricted
RID/ ADR:	none

15. Information of Regulations

no data available

16. Other information

no data available

MATERIAL SAFETY DATA SHEET

1. Commercial Product name: MICPIC INK BLACK A-86

Company: ORIENT CHEMICAL (KOREA), LTD.

Address: 489-5 Moknae-dong, Ansan-shi,
Kyunggi-do, KOREA
Tel: 031) 493-6166/9, Fax: 031) 491- 3405

Telephone number for urgent call: 031) 493-6166/9

2. Composition / Chemical characterization

Chemical name: Whiteboard marker ink Black

Dangerous components: Ethanol CAS: 64-17-5 55 – 70%
Isopropylalcohol CAS: 67-63-0 10 – 20%
Dioctyl Adipate CAS: 103-23-1 5- 10%

3. Hazard identification

May be irritating to respiratory tract, skin and eyes.
This Product is not rapidly ignitable.
Use only with adequate ventilation.
Wash after handling.

4. First aid measures

Inhalation: If inhaled, move to fresh air.
Perform artificial respiration if necessary.
Get medical attention immediately.

Eyes: Flush eye with flowing water until no evidence of
chemical remains(at last 15 minutes)
If irritation develops consult an oculist.

Skin: Remove contaminated clothing and shoes
immediately.
Wash affected skin with soap and water.
Get medical attention immediately.

Ingestion: If swallowed, dilute with water and induce vomiting.
Get medical attention immediately.
Never give anything by mouth to unconscious
person.

5. Fire fighting measures:

Fire and explosion hazard: Not application

Suitable extinguishing media: Not application

6. Accidental release measures

- Personal precautions: Clean up with the appropriate personal
equipment (see Section 8)

- Environmental precautions: Scoop or sweep & transfer into a closed container.
Keep waste out of sewers.

- Method for cleaning up: Scoop or sweep into a container for reuse or
disposal. Keep unnecessary person away.

7. Handling and storage

Stored in cool dry place, keep container tightly closed. Do not inhale the substance and avoid contact with the skin or eyes. Wear protective clothing when handling open containers; avoid environmental pollution by handling the product carefully. Wash after handling. Use only with adequate ventilation.

8. Exposure control / Personal Protection

- Respiratory Protection:	Local exhaust ventilation Air purifying respirator
- Hand Protection:	Rubber gloves
- Eye Protection:	Safety goggles
- Skin Protection:	Impervious clothing

9. Physical & Chemical properties

- Appearance:	Black. Uniform liquid
- Odor:	Alcohol smelling
- pH:	4.5 ± 1.5
- Viscosity:	5.5 ~ 8.5 cPs
- Specific gravity:	0.80 ~ 0.85
- Surface tension:	22 ~ 26 mN/m
- Boiling point:	78°C
- Melting point:	Not application
- Flash point:	Not application
- Solubility in water:	Not soluble
- Vapor density:	0.63 (Air = 1)
- Vapor pressure:	Not application
- Flammability:	Not application
- Explosive properties:	Not application
- Oxidizing properties:	Not application

10. Stability & Reactivity

Stability and reactivity:	stable under normal condition of storage and use
Hazardous reaction:	none
Hazardous decomposition products:	none

11. Toxicological information

- Actual oral toxicity: LD50(rat):	no data available
- Skin irritation/ rabbit /draize test:	no data available
- Irritation of Mucous/rabbit eyes/Draize test:	no data available

12 Ecological information

Elimination:	no data available
Behavior in environmental compartments:	no data available
Ecotoxix Reaction:	no data available
Bacteria toxicity:	no data available
Fish toxicity:	no data available

13. Disposal considerations

Ensure that disposal is in compliance with local, national regulations.

14. Transport information

GGV IMDG CODE:	none
ICAO/ IATA ~ DGR:	not restricted
UN No.:	not restricted
RID/ ADR:	none

15. Information of Regulations

no data available

16. Other information