

Material Safety Data Sheet

1. Product Description and Company Information

Product Name : BLUE PLUS CLEANER

Manufacturer : MDI Corporation, Japan

Distributor : ENCOTEC Co.,Ltd.

Address : 71/296 Soi.Ramkhamhaeng 164, Ramkhamhaeng Rd., Minburi, Bangkok 10510

Phone number : 02-372-7320-1

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Mail : info@encotecthai.com

Emergency Phone number : 084-452-0077

2. HAZARDOUS SUMMARY

GHS Classification

【Physical Hazardous】

Explosives : Not applicable

Flammable gases : Not applicable

Flammable aerosols : Not applicable

Oxidizing gases : Not applicable

High-pressure gas : Not applicable

Flammable liquids : Not classified

Flammable solids : Not applicable

Self-reactive substances and mixtures : Not classified

Pyrophoric liquids : Not classified

Pyrophoric solids : Not applicable

Self-heating substances and mixtures : Not classified

Substances and mixture which, in contact with water, emit flammable gases : Not application

Oxidizing liquids : Not classified

Oxidizing solids : Not applicable

Organic peroxides : Not applicable

Corrosive to metals : Not applicable

【HEALTH HAZARDS】

Acute toxicity (oral) : Not classified

Acute toxicity (skin) : Not applicable

Acute toxicity (inhalation: gas) : Not applicable

Acute toxicity (inhalation: vapor) : Not applicable

Acute toxicity (inhalation: dust, mist) : Not applicable

Skin corrosion / irritation : Not applicable

Serious eye damages / eye irritation : Not applicable

Respiratory sensitization : Not applicable

Skin sensitization : Not applicable

Germ cell mutagenicity : Not applicable

Carcinogenicity : Not applicable

Reproductive toxicity : Not applicable

Specific target organ toxicity single exposure : Not classified

Specific target organ toxicity: repeated exposure : Not applicable

Aspiration hazard : Not applicable

【ENVIRONMENTAL HAZARDS】

Aquatic toxicity (acute) : Not classified

Aquatic toxicity (chronic) : Not classified

GHS LABEL ELEMENTS INCLUDING PRECAUTIONARY STATEMENTS

【SYMBOL】



【SIGNAL WORD】

CAUTION

【HAZARD STATEMENT】

Fatal if swallowed.
May causes skin irritation.
May causes serious eye irritation.
May causes irritation to the respiratory system.

【PRECAUTIONARY STATEMENTS】

[Prevention]

Wash hands or contaminated parts thoroughly after handling.
Use only outdoors or in well-ventilated area.
Wear protective gloves/goggles/clothing and respiratory protection.
Seal tight during not to use.

[Response]

If swallowed: Rinse mouth with water. Do not induce vomiting. Get medical attention.
If on skin (or hair): Wash with plenty of soap and water. Remove all contaminated clothing
If in eyes: Rinse with water for 15 minutes. Remove contact lenses, if present and easy to do.
If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Get medical advice/attention if you feel unwell.
Wash contaminated clothing before re-using.

[Storage]

Seal tight and store in a dry/well-ventilated place. Keep away from direct sun/fire/heat source, but not freeze.

[Disposal]

Dispose of contents/container to waste in accordance with local / regional / national / international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT CAS No. Content

Water 7732-18-5 90%
Fatty Alcohol Ethoxyl-sulfate 29781-81-5 None Disclosure
Fatty Alcohol Ethoxylate 9004-82-4 None Disclosure
Sodium Metal Silicate 1344-09-8 None Disclosure
Iso Propyl Alcohol 67-63-0 None Disclosure

4. FIRST AID MEASURES

[If inhaled] Remove victim to fresh air and keep at rest in a position comfortable for breathing.
[If on skin] Wash with plenty of soap and water. Remove all contaminated clothing.
[If in eyes] Rinse with water for 15 minutes. Remove contact lenses, if present and easy to do.
[If swallowed] Rinse mouth with water. Do not induce vomiting. Get medical attention.

5. FIRE-FIGHTING MEASURES

[SUITABLE EXTINGUISHING MEDIA]

Water spray, dry chemical powder, foam, CO₂, etc. Take appropriate measure.

SPECIFIC EXTINCTION METHOD

Non-inflammability. Remove immediately for the fire of surrounding areas.

6. ACCIDENTAL RELEASE MEASURES

[PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES]

Obligate to ware proper protection for any handling.

[ENVIRONMENTAL PRECAUTIONS]

Avoid to let this chemical enter the environment.

[METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP]

Neutralize and absorb the spilled substance with sand. Clean the spilled area with plenty of water.

Absorb the spilled substance as much as possible. Neutralize and clean up with water if needed.

7. HANDLING AND STORAGE

【HANDLING】

[TECHNICAL MEASURE]

Wear protective gloves/goggles/clothing and respiratory protection.
Handle under effective ventilation.
Keep facilities to wash hands, eyes and others in the indoor working area.

[SAFETY TREATMENT NOTES]

Wash hands thoroughly after handling.
Ware appropriate protection.
Use only outdoors or in well ventilated areas.

【STORAGE】

[APPROPRIATE SAFEKEEPING CONDITION]

Keep containers tightly closed and storage in well ventilated areas.
Keep away from direct sun/fire/heat source, but not freeze.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

【FACILITY AND EQUIPMENT MEASURES】

Facilities in where this materials is handled should have well ventilation system. Operator should wear appropriate protection.

Make available emergency safety shower and eye wash in the work area.

【CONTROL LIMIT】 N/A

【OCCUPATIONAL EXPOSURE LIMITS】 N/A

【PERSONAL PROTECTIVE EQUIPMENT】

[Respiratory protection] Protective mask

[Hand protection] Protective gloves

[Eye protection] Protective glasses/goggles

[Skin and body protection] Protective clothing, safety boots

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical form [Liquid]

Color [Clear]

Odor [Irritating odor]

pH [pH12]

Boiling point [100°C]

Gravity [1.0]

Vapor pressure [Equal with water]

Vaperdensity [Equal with water]

Evaporative rate [About 1.0]

Water solubility [Full]

Reactivity in water [N/A]

Melting point [N/A]

10. STABILITY AND REACTIVITY

Stable for normal storage and handling.

11. TOXICOLOGICAL INFORMATION

Acute toxicity (oral) : Not classified

Acute toxicity (skin) : Not applicable

Acute toxicity (inhalation: gas) : Not applicable

Acute toxicity (inhalation: vapor) : Not applicable

Acute toxicity (inhalation: dust, mist) : Not applicable

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Germ cell mutagenicity : Not applicable

Carcinogenicity : Not applicable

Reproductive toxicity : Not applicable

Specific target organ toxicity single exposure : Not classified

Specific target organ toxicity: repeated exposure : Not applicable

Aspiration hazard : Not applicable

12. ECOLOGICAL INFORMATION

Aquatic toxicity (acute) Not classified

Aquatic toxicity (chronic) Not classified

13. DISPOSAL CONSIDERATIONS

Dispose of contents/container to waste in accordance with local / regional / national / international regulations.

14. TRANSPORT INFORMATION

【UN sanction】 Not correspond to Hazardous item.

【Special precaution】 Check well non disclosure of tank. Avoid falling, dropping, damage and collapsing load.

15. REGULATORY INFORMATION

【Industrial Safety and Health Act】 N/A

【Poisonous and Deleterious Substances Control Act】 N/A

【Fire Service Act】 N/A

【PRTR】 N/A

16. OTHER INFORMATION

• The definition of this MSDS is based on currently available data, information and not to guarantee anything. And it will be revised based on new perception or change in the regulation.

- Assessment of risk/hazardous may not be enough and please handle with care.
- This MSDS is based on normal handling and deploy sufficient safety measures for any special usage.
- All chemical has possibility of unknown hazardous and please handle with care under the responsibility of handling supervisor.