

SAFETY DATA SHEET
POLISHING COMPOUND MIDORI

Creation date : October 21, 2015

Revision date : March 8, 2018

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: MIDORI
COMPANY IDENTIFICATION
Name of the distributor: ALFA MIRAGE CO LTD
Address: 3-2-19 Miyakojimahondori, Miyakojima
Osaka 534-0021 Japan
Telephone number: 06-6924-2631

2. HAZARD IDENTIFICATION

GHS CLASSIFICATION

PHYSICAL HAZARD	Explosives :	Not applicable	
	Flammable gases :	Not applicable	
	Flammable aerosols :	Not applicable	
	Oxidizing gases :	Not applicable	
	Gases under pressure :	Not applicable	
	Flammable liquids :	Not applicable	
	Flammable solids :	Classification not applicable	
	Self-reactive substances and mixtures:	Not applicable	
	Pyrophoric liquids :	Not applicable	
	Pyrophoric solids :	Not classified	
	Self-heating substances and mixtures :	Classification not possible	
	Substance and mixtures which, in Contact with water, emit flammable gases :	Not classified	
	Oxidizing liquids :	Not applicable	
	Oxidizing solids :	Classification not possible	
	Organic peroxides :	Classification not possible	
	Corrosive to metals :	Classification not possible	
	HEALTH HAZARDS	Acute toxicity - oral :	Classification not possible
		Acute toxicity -skin :	Classification not possible
		Acute toxicity - inhalation : gas :	Not applicable
Acute toxicity - inhalation : vapour :		Classification not possible	
Acute toxicity - inhalation : dust :		Classification not possible	
Acute toxicity - inhalation : mist :		Not applicable	
Skin corrosion / irritation :		Category 3	
Serious eye damage / eye irritation :		Classification not possible	
Respiratory sensitization :		Classification not possible	
Skin sensitization :		Classification not possible	
Germ cell mutagenicity :		Classification not possible	
Carcinogenicity :	Classification not possible		
Reproductive toxicity :	Classification not possible		
Specific target organ systemic toxicity - Single exposure :	Category 3 – Respiratory tract irritation		
Specific target organ systemic toxicity - Repeated exposure :	Category 1 – Inhalation ; Lung, Central nervous system		
Aspiration hazard :	Classification not possible		

ENVIRONMENTAL HAZARDS	Hazardous to the aquatic environment - acute :	Classification not possible
	Hazardous to the aquatic environment -chronic :	Classification not possible
	Hazardous to the ozone layer	Classification not possible

GHS LABEL ELE

PICTOGRAMS / SYMBOL :



SIGNAL WORD : DANGER
 HAZARD STATEMENT : Cause mild skin irritation
 May cause respiratory irritation
 Cause damage to lung, central nervous system through prolonged or repeated Exposure

PRECAUTIONARY STATEMENTS

Prevention : Do not eat, drink or smoke when using this product.
 Use only outdoors or in well-ventilated area.
 Do not breath dust.
 Wear protective eyeglasses as needed.
 Wear respiratory protection / face protection / protective gloves / goggles and Clothing.
 Wash hands thoroughly after handling.

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

Storage : Store in a well-ventilated / cool place.

Disposal : Dispose of contents / container in accordance with local / regional / nation / International regulations.
 Dispose of cleaning solution after making harmless.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Mixture:	Mixture	
Chemical name	CAS No.	Concentration[%]
Aluminium oxide(Al ₂ O ₃)	1344-28-1	78
Polyoxyethylene stearate ester	9004-99-3	2
Contain fatty acids and others.		

4. FIRST-AID MEASURES

Inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 If you feel unwell, get medical advice / attention.

Skin contact : Remove / take off immediately all contaminated clothing.
 Rinse skin immediately with water / shower.
 Wash contaminated clothing before reuse

Eye contact : Rinse cautiously with water for several minutes.
 Remove contact lenses, if present and easy to do. Continue rinsing.
 Get medical attention / advice.

Ingestion : Rinse mouth immediately with water. Call a doctor immediately.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : In case of initial fires, use fire-extinguishing powder / foam, carbon dioxide or dry sand.

Unsuitable extinguishing media : In case of larger fires, effective to shut off air using fire-extinguishing foam and others.
Using water may be dangerous to spread fires.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective Evacuate nonessential personnel. Authorized personnel only.
Equipment and emergency Wear proper protective equipment (gloves / goggles / clothing and high boots).
Procedures :
Environmental precautions : Caution do not to discharge into rivers or sea.
Do not wash away directly into reverse sewer.
Method and materials for contaminant Collect spilled material into empty containers.
and cleaning up :

7. HANDLING AND STORAGE

HANDLING

Technical measure According to "**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**", put facility measures into operation and wear protective equipment.
Local-ventilation / Whole ventilation : Measures into operation (Local-ventilation / Whole ventilation).
Note : Use only outdoors or in well-ventilated area.
Do not contact / breath / swallowing.
Do not breathe powder dust.
Wash hands thoroughly after handling.

STORAGE

Technical measure : Install the equipment of lightning, ventilation and necessary daylight to handle.
Incompatible substances : Reference to "**10. STABILITY AND REACTIVITY**".
Storage conditions : Keep away from high heat and store in a well ventilated / cool place.
Packing materials : Use a break-proof package.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Facility measures : Ventilation to avoid inhalation of dust.
Personal protective equipment
Respiratory protection : Wear appropriate respiratory protective equipment, dust-proof mask and others.
Hand protection : Wear appropriate protective glove, leather gloves and others.
Eye protection : Wear protective glasses (Ordinary glasses type, Goggle type and others).
Skin and body protection : Wear protective clothing and safety shoes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Blue solid
Odor : Slight odor
pH : No data
Melting point / freezing point : No data
Initial boiling point and boiling range : No data
Flash point : No data
Explosion limit : No data
Vapour pressure : No data
Vapour density : No data
Relative density : No data
Solubility : Insoluble in water
Partition coefficient : n-octanol / water : No data

Auto-ignition temperature : No data

Decomposition temperature : No data

10. STABILITY AND REACTIVITY

Stability / Reactivity : Stable under normal condition (room temperature)
Possibility of hazardous reactions : Almost never
Condition to be avoided : Spread of dust
Incompatible materials : Do not store together with acid / alkaline materials.
Hazardous decomposition products : Nothing

11. TOXICOLGICAL INFORMATION

Acute toxicity : Aluminium oxide LD₅₀>5000 mg/kg (rat, oral)¹⁾
Polyoxyethylene stearate ester Category4²⁾
Fatty acids LDL₅₀4640 mg/kg(rat)

Skin corrosion / irritation: Polyoxyethylene stearate ester has the potential to be hazardous upon contact with the skin, and has the potential to irritate the skin. (Category 2)²⁾
his product is classified Category 3 to contain Polyoxyethylene stearate ester by 2%

Serious eye damage / eye irritation : No data
Respiratory sensitization : No data
Skin sensitization : No data
Germ cell mutagenicity : No data
Carcinogenicity : No data
Reproductive toxicity : No data
Specific target organ systemic toxicity
-Single exposure : Aluminium oxide is classified Category 3 (Respiratory tract irritation) based on enrollment "upper respiratory tract irritation".³⁾
This product is classified Category 1 (Inhalation ; Central nervous system) based on enrollment "Aluminium oxide have the potential to impact the central nervous System".³⁾
There is not the available information about the hazardousness of the diamond, but the diamond might injure the lungs.
This product is classified Category 1 to contain Aluminium oxide by 10% and over.

Aspiration hazard : No data

12. ECOLOGICAL INFORMATION

Ecotoxicity : No data
Persistence / Degradability : No data
Bioaccumulation potential : No data
Mobility in soil : No data
Hazard to the ozone layer : No data

13. DISPOSAL CONSIDERATIONS

The remainder waste : In case of the disposal, comply with local government codes and related regulations.
Contaminated container and packing : Recycle containers after washing, or dispose according to local government codes and related regulations.
In case of disposal of the container, remove the content

14. TRANSPORT INFORMATION

International regulations : Not applicable with IMDG Code and IATA Dangerous Goods Regulations.
Safety measure and condition for transport : Check the container for damage, corrode and leak before transport.
Load the cargo without fall, drop and damage. Prevent the cargo from unpling for sure. Handle the shipping case with care and do not make an impact. Do not handle shipping case roughly, for example, collision, drag, etc.

15. REGULATORY INFORMATION

Aluminium oxide : Industrial Safety and Health Act ;
Notifiable hazardous substance, 189 Aluminium oxide
(Paragraph 2, Article 57. Paragraph 2, Article 18 of the Order for Enforcement, The Appended Table 9)
Other regulations for foreign countries : Regulations in “SDS” are Japanese ones.
Regulatory information with regard to this preparation in your country or region should be examined by your own responsibility.

16. OTHER INFORMATION

REFERENCES :

- 1) IUCLID (2000)
- 2) Safety data sheet (each raw material manufacture)
- 3) ICSC (2000)
- 4) EHC (1997)

The information herein is given in good faith, but no warranty, express or implied, is made.

The information contained herein is, to the best of Alfa mirage’s knowledge and belief, accurate and reliable as of the date issued. Please make sure to be careful in handling it.

It is the user’s responsibility to determine the suitability of this information for the adoption of necessary safety precautions.

We reserve the right to revise SDS periodically as new information become available.