

Kyowa Chemical Industry Co., Ltd.
SAFETY DATA SHEETS

KYOWAAD™ 600 (Grade: S)

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE SUPPLIER

Product Name : KYOWAAD™ 600 (Grade: S)

Manufacturer

Company Name : Kyowa Chemical Industry Co., Ltd.

Address : 4035 Hayashida-cho, Sakaide, Kagawa, 762-0012, Japan

Telephone Number : +81-(0) 877-47-0011

Emergency telephone number

Kyowa Chemical Industry Co., Ltd.

Telephone No. +81-(0) 877-47-4704 (Quality Assurance Dept.)

Facsimile No. +81-(0) 877-47-4724

Relevant identified use of the product : Industrial use

2. HAZARDS IDENTIFICATION

GHS Classification

Physicochemical Hazards

Explosives	: Classification not possible
Flammable gases	: Not classified
Aerosol	: Not classified
Oxidizing gases	: Not classified
Gases under pressure	: Not classified
Flammable liquids	: Not classified
Flammable solids	: Not classified
Self-reactive substance and mixtures	: Classification not possible
Pyrophoric liquids	: Not classified
Pyrophoric solids	: Classification not possible
Self-heating substance and mixtures	: Classification not possible
Substance and mixtures which, in contact with water, emits flammable gases	: Classification not possible
Oxidizing liquids	: Not classified
Oxidizing solids	: Not classified
Organic peroxides	: Classification not possible
Corrosive to metals	: Classification not possible
Desensitized explosives	: Not classified

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Health hazards

Acute toxicity (oral)	: Classification not possible
Acute toxicity (dermal)	: Classification not possible
Acute toxicity (gases)	: Classification not possible
Acute toxicity (vapor)	: Classification not possible
Acute toxicity (dust and mists)	: Classification not possible
Skin corrosion/ irritation	: Classification not possible
Serious eye damage/ eye irritation	: Classification not possible
Respiratory or skin sensitization	: Classification not possible
Germ cell mutagenicity	: Classification not possible
Carcinogenicity	: Classification not possible
Reproductive toxicity	: Classification not possible
Specific target organ toxicity (single exposure)	: Classification not possible
Specific target organ toxicity (repeated exposure)	: Classification not possible
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

Labeling elements	: Nothing
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Other hazard

Inhalation	: May cause symptoms of mucus irritation, cough
Skin contact	: Prolonged contact may cause skin irritation
Eye contact	: May irritate mucus membranes
Ingestion	: No symptoms occur at low dose levels but there may be nausea, vomiting at high dose levels

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3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical name</u>	<u>Wt%</u>	<u>CAS registry #</u>
Magnesium silicate	100	1343-88-0
<u>Synonym(s)</u>	Silicic acid magnesium salt	
<u>EC No.</u>	2156811	
<u>TSCA</u>	Registered	

4. FIRST AID MEASURES

Inhalation	: Remove the exposed individual into fresh air and make him blow his nose and gargle.
Eye contact	: First rinse with plenty of water for several minutes (Remove contact lenses if easily possible), then take a doctor.
Skin contact	: Remove contaminated clothes, rinse skin with plenty of water or shower.
Ingestion	: Rinse mouth. In case of large amount, drink large quantity of water and induce vomiting. Refer for medical attention.
Note to physician	: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flammable properties	: Non-flammable
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6. ACCIDENTAL RELEASE MEASURES

Personal precautions	: Wear proper equipment and avoid contact with skin and inhalation of dust.
Environmental precautions	: Do not discharge soil, subsoil, drain, surface water and groundwater.
Removal	: Vacuum or sweep up in a waste container. Wash away

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residue with plenty of water.

7. HANDLING AND STORAGE

Handling	:	It is better to wear proper protective equipment not to contact with skin or inhale the dust.
Storage	:	This material should be stored in a dry place and the bag must be closed after use because of its hygroscopicity. Keep away from odorous substances or volatiles.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls	:	Prevent dispersion of dust.
Personal protective equipment		
Eye / Face Protection	:	Safety Glasses
Skin Protection	:	Working clothes and rubber gloves (Nothing of particular protection)
Respiratory Protection	:	Dust mask
Exposure guidelines	:	Recommendation of Occupational Exposure Limits (OELs) (2008) Respirable dust - 2 mg/m ³ , Total - 8 mg/m ³ The Japan Society for Occupational Health (JSOH)

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	White powder
Odour	:	No information
Odour threshold	:	No information
pH	:	No information
Melting point	:	No information
Initial boiling point	:	No information
Flash point	:	No information
Evaporation rate	:	No information
Flammability	:	No information
Upper/lower flammability or explosive limits	:	No information
Vapour pressure	:	No information
Vapour density	:	No information
Relative density	:	2.0
Solubility	:	Insoluble in water. Partially soluble in mineral acid.
Partition coefficient: n-octanol/water	:	No information
Auto-ignition temperature	:	No information
Decomposition temperature	:	No information

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Viscosity : No information

10. STABILITY AND REACTIVITY

Chemical stability	: Stable under normal conditions
Reactivity	: May react with oxidizing substances.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	: No acute toxicity recognized.
Skin corrosion/irritation	: Not available
Eye irritation	: If contacted with eyes, eyes are irritated
Respiratory or skin sensitization	: Not available
Mutagenicity	: Not available
Carcinogenicity	: Not available
Aspiration hazard	: Not available

12. ECOLOGICAL INFORMATION

Toxicity	: Not available
Persistence and degradability	: Not available
Bioaccumulative potential	: Not available
Mobility in soil	: Not available
Other adverse effects	: Not available

13. DISPOSAL CONSIDERATIONS

Disposal methods	: In accordance with the laws of your country.
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14. TRANSPORT INFORMATION

NA	:	Not applicable
UN No.	:	Not applicable
ADR/RID	:	Not applicable
IMO-IMDG code	:	Not applicable
Hazard Label(s)	:	Unnecessary

15. REGULATORY INFORMATION

No specific notes. Follow international regulations.

16. OTHER INFORMATION

No specific notes.

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