

Kyowa Chemical Industry Co., Ltd.
SAFETY DATA SHEETS

KYOWAAD™ 700 (Grade: OSIF)

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE SUPPLIER

Product Name : KYOWAAD™ 700 (Grade: OSIF)

Manufacture

Company Name : Kyowa Chemical Industry Co., Ltd.
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Emergency telephone number

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2. HAZARDS IDENTIFICATION

GHS Classification

Physicochemical Hazards

Explosives	:	Out of classification
Flammable gases	:	Out of classification
Flammable aerosol	:	Out of classification
Oxidizing gases	:	Out of classification
Gases under pressure	:	Out of classification
Flammable liquids	:	Out of classification
Flammable solids	:	Not classified
Self-reactive substance and mixtures	:	Out of classification
Pyrophoric liquids	:	Out of classification
Pyrophoric solids	:	Not classified
Self-heating substance and mixtures	:	Not classified
Substance and mixtures which, in contact with water, emits flammable gases	:	Not classified
Oxidizing liquids	:	Out of classification
Oxidizing solids	:	Not classified
Organic peroxides	:	Out of classification
Corrosive to metals	:	Not classified

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Health hazards

Acute toxicity (oral)	: Classification not possible
Acute toxicity (dermal)	: Classification not possible
Acute toxicity (gases)	: Out of classification
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 systemic toxicity (single exposure)	: Classification not possible
Specific target organ systemic 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	: Not classified

Labeling elements

: Nothing

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical name</u>	<u>Wt%</u>	<u>CAS registry #</u>
Synthetic Aluminum Silicate	100	1335-30-4

EC No. 2156282

TSCA Registered

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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.
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5. FIRE FIGHTING MEASURES

- Extinguishing media : This product is non-flammable.
- Protection for firefighters : Firefighters should wear protective equipment.
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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 residue with plenty of water.
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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 tightly closed after use because of its hygroscopicity. Keep away from odorous substances or volatiles because of its adsorptive property.
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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) (2007)
Respirable dust - 2 mg/m³, Total - 8 mg/m³
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 : 2.1
Solubility : Insoluble in water. Soluble in mineral acid.
Partition coefficient: n-octanol/water : No information
Auto-ignition temperature : No information
Decomposition temperature : No information
Viscosity : No information

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10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Acute toxicity : Not available
Skin corrosion/irritation : Not available
Eye irritation : If contacted with eyes, eyes are irritated
Respiratory or skin sensitization : Not available
STOST-single exposure : Not available
STOST-repeated exposure : 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 : 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

Symbol(s)	:	Nothing
R Phrase (s)	:	Nothing
S Phrase (s)	:	Nothing

Please refer to any other national measures that may be relevant.

16. OTHER INFORMATION

No specific notes.

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