


Safety Data Sheet

AQUA-SHIELD 221	NFPA Rating 
SDS No: 04:01:01:02:02 Rev 05-Jun-17 Rev 05	

Section1. Chemical Product & Company Identification	NFPA	
Company contacts : Batam, Indonesia 29433	Health 1	0- Minimum
Emergency contact : +62 811 3037 533	Fire 0	1- Slight
	Reactivity 0	2- Moderate
Product use : Oxygen Scavenger	Special	3- Serious
		4- Extreme

Section 2. Hazard Information
GHS Symbols :
No symbols are required
Potential Health Effects
Eyes : Eye irritation, stinging, tearing, redness and swelling.
Skin : Skin irritation, redness, burning and swelling
Swallowing : Swallowing this material may be harmful.
Inhalation : This material is a dust or may produce dust. Breathing this material may be harmful.

Section 3. Composition	CAS RN No (s) :
Sulphite based compound	None

Section 4. First Aid Measures
Eyes : Immediately flush eyes gently with water at least 15 minutes. Seek immediate medical attention.
Skin : Remove contaminated clothing. Wash exposed area with soap and water. Seek medical attention.
Swallowing : Seek medical attention. If unconscious, do not give anything by mouth.
Inhalation : Immediately move away from exposure. Seek immediately medical attention. If not breathing begin artificial respiration.

Section 5. Fire Fighting Measures
Extinguishing Media : An extinguishing media appropriate for surrounding fire.
Exposure Hazard : No special fire hazards are known to be associated with this product.
Protective Equipment : Safety glasses. Chemical goggles. Full face shield.

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Section 6. Accidental Release Measures

Personal Precaution	:	Avoid contact, wear gloves, safety glasses and overalls
Environmental Precaution	:	Prevent entry to sewers and public waters.
Clean up Methods	:	Small spill : Sweep up material for disposal or recovery. Large spill : Shovel material into containers. Thoroughly sweep area of spill to clean up any residual material.

Section 7. Handling & Storage

Handling	:	Containers of this material may be hazardous when emptied. All hazard precaution given in the MSDS must be observed. Wash after handling.
Storage	:	Store in dry place and closely container.

Section 8. Exposure Controls & Personal protection

Personal Protection	:	Avoid contact, wear gloves, safety glasses and overalls.
Respiratory Protection	:	NIOSH/MSHA approved respiratory protection equipment is recommended.
Eye Protection	:	Water safety glasses in compliance with OSHA regulations.

Section 9. Physical & Chemical Properties

Appearance	:	Off white to tan pink powder
Odor	:	Odorless
pH	:	Not applicable
Boiling Pointer	:	Not applicable
Melting Point	:	Not applicable
Flash Point	:	Not applicable
Explosive Properties	:	No data
Vapour Pressure	:	Not applicable
Density	:	1.2 - 1.4

Section 10. Stability & Reactivity

Conditions to Avoid	:	Product is stable, no hazardous polymerization will occur
Materials to Avoid	:	Strong mineral acids, strong organic acids, strong oxidizing agents
Hazardous Decomposition Products	:	May form sulfur dioxide, toxic fume

Section 11. Toxicological Information

Acute oral LD50 (rat)	:	No data
Acute inhalation LC50 (rat)	:	No data
Acute dermal LD50 (rat)	:	No data

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Section 12. Ecological Information

Ecotoxicity data : No data

Section 13. Disposal Considerations

Accordance with local regulation

Section 14. Transport Information

UN Number : Not classified
Packaging Group : None
Dangerous Good Class : Not allocated
Subsidiary Risk : None
Hazchem Code : None
Poison Schedule Number : None

Section 15. Regulatory information

Other Regulations: Not available.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC):

R22- Harmful if swallowed. R36/37/38- Irritating to eyes, respiratory system and skin. S22- Do not breathe dust. S24/25- Avoid

contact with skin and eyes. S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36- Wear suitable protective clothing.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 0

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 0

Reactivity: 0

Section 16. Other Information

References:

-The Sigma-Aldrich Library of Chemical Safety Data, Edition II. -Hawley, G.G.. The Condensed Chemical Dictionary, 11e ed., New York N.Y., Van Nostrand Reinold, 1987. RTECS (Registry of Toxic Effects of Chemicals). Hazardous Substance Data Bank (HDSB)

Other Special Considerations: Not available

End of Safety Data Sheet