



Material Safety Data Sheet

Issue Date: July 21, 2011
Product Name: Hy-Clor Cubes

COMPANY DETAILS

Supplier HY-CLOR AUSTRALIA PTY LIMITED
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COMPOSITION/INFORMATION ON INGREDIENTS

Composition Gel formation of Polyacrylamide Flocculant and Cationic Coagulant with sanitising agent.

HAZARDS IDENTIFICATION

Emergency Overview Gel block is extremely slippery when wet

FIRST AID MEASURES

Inhalation N/A
Skin Contact Flush with plenty of soap and water for at least 15 minutes. If irritation persists, seek medical attention.
Eye Contact Immediately flush with water, continuing for 15 minutes. If irritation persists seek medical attention.
Ingestion Product is practically non toxic. But in case of ingestion, consult a physician.

FIRE FIGHTING MEASURES

Fire extinguishing agents recommended N/A
Fire extinguishing agents to avoid N/A
Special fire fighting precautions N/A

ACCIDENTAL RELEASE MEASURES

To scoop up materials use absorbing material such as clay wood shavings to mop up spills and dispose of according to applicable regulations

HANDLING AND STORAGE

Handling	Use normal personal hygiene and Housekeeping
Storage	STORE IN COOL, DRY PLACE

EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation	Natural ventilation
Respiratory	N/A
Eyes and Face	N/A
Hands, Arms and Body	N/A

PHYSICAL AND CHEMICAL PROPERTIES

Form	Solid Gel Block
Colour	Blue
pH	N/A
Boiling Point	N/A
Flash Point	N/A
Auto Ignition Temp	N/A
Flammable Limits in Air	N/A
Vapour Pressure	N/A
Solubility	Infinite
Density	About 1
Octanol/Water Partition Coefficient	N/A
Viscosity	N/A

STABILITY AND REACTIVITY

Dangerous Reactions with Decomposition Products	Oxidising agents. May cause exothermic retain. Thermal decomposition expected to produce oxides, various nitrous oxides
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PRODUCT IS STABLE AND NO HAZARDOUS POLYMERISATION WILL OCCUR

TOXICOLOGICAL INFORMATION

Acute Toxicology	Acute testing in rats was conducted on Polyacrilimide polymers with different degrees of anicity. Based on the find of studies the LD50 for the product would be >5g/kg.
Dermal	Acute testing on rabbits, results showed the product was not toxic even at high dose levels
Inhalation	The product is not expected to be toxic by inhalation
Dermal Irritation	When tested on rabbits according to the Draize technique was not found to be irritating to the skin
Eye Irritation	Testing according to the Draize Technique showed it produced no corneal or iridal effects and only slight conjunctivae. Washing time lessened these effects and in 24 hours no irritating effects were present
Sensitisation	Testing conducted on Guinea Pigs shows the material to be non sensitising
Chronic Toxicity	In a two year feeding study on albino rats, animals fed at a dose level of 5% of the animal feed showed no signs of toxicity. A similar 1 year feeding study conducted with dogs showed a similar result

ECOLOGICAL INFORMATION

Aquatic Toxicity	The 48n hour LC50 was greater than 1000mg/litre
Fathead Minnows	For fresher algae, Selenastrum Capricomumium, the EC50 was found to be greater than the 500mg/litre
Biodegradation	N/A

DISPOSAL CONSIDERATIONS

Incineration and/or disposal in chemical landfill
Disposal of by complying with applicable regulations

TRANSPORT INFORMATION

IMDG	Not Restricted
ADNR	Not Restricted
RID/RDR	Not Restricted
ICAO/IATA	Not Restricted

REGULATORY INFORMATION

Anionic polymers are approved in numerous countries worldwide as food additives

OTHER INFORMATION

The information and recommendations are offered for the users consideration and examination and it is the users responsibility to satisfy itself that they are suitable and complete for its particular use. If buyer relabels the product, legal council should be consulted to ensure proper health, safety and other necessary information, is included on the container. The manufacturer provides no warranties, either expressed or implied, and assumes no responsibility for the accuracy or completeness of the data contained herein.

CONTACT POINT

Contact

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End of report