



ABS WATER TECH INDIA PVT LIMITED

Customer Oriented Customization Specialists

REF: *ABS/CT/MSDS/009 – 0*

MSDS FOR ABS – BC - 50

Section 1 - Chemical Product and Company Identification

SUPPLIER'S DETAILS : **ABS WATER TECH INDIA PVT LIMITED**
New No.468, Old No: 324, MKN Road, F1,
1st Floor, Alandur, Chennai – 600 016.
Telephone: 044 – 22310124/45410820,
E.Mail:abswatertech2009@yahoo.com
Website:www.absgroups.in

Section 2 - Product characterization and Properties

HAZARDOUS INGREDIENTS : NO HAZARDOUS INGREDIENTS,
PHYSICAL FORM : CLEAR TO LIGHT GREEN LIQUID.
CAS NO : 26172-55-4 + 2682-20-4 + 10377-60-3 + 7732-18-5 +
FORMULATED CHEMICALS

Section 3 - Hazards Identification

EMERGENCY OVERVIEW: Material is a strong irritant to skin and eyes. Avoid bodily contact. Workers should wash after each use and shower at end of work period. Material may be a skin sensitizer in susceptible individuals.

POTENTIAL HEALTH EFFECTS: Eyes – May cause severe irritation and corneal injury.

POTENTIAL HEALTH EFFECTS: Skin – May cause severe irritation. Skin irritation effects can be delayed for hours. Material is a skin sensitizer even at low concentration in susceptible individuals.

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POTENTIAL HEALTH EFFECTS: Ingestion – May cause irritation and/or burns of the mucous membranes.

POTENTIAL HEALTH EFFECTS: Inhalation – May cause severe irritation to the mucous membranes, nose and throat.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

HMIS Ratings: Health: 3* Fire: 0 Reactivity: 0 Pers. Prot.: X: Consult your supervisor or S.O. P. for “special” handling directions.

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

Section 4- First Aid Measures

Inhalation:

Remove affected person immediately to fresh air. If breathing is difficult, administer oxygen and seek immediate medical attention.

Eye:

Immediately flush eyes gently with water for at least 15 minutes. Washing eyes within one minute is essential to achieve maximum effectiveness. Immediately seek medical attention.

Skin:

Immediately flush exposed area with large amounts of water. Remove contaminated clothing and wash before reuse. Get prompt medical attention.

Ingestion:

Do not induce vomiting. Give large quantities of milk, egg white or gelatin solution. If unavailable, give large quantity of water. Avoid alcohol. Never give anything by mouth to an unconscious person. Get immediate medical attention.

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Section 5- Fire Fighting Measures

Flash Point: None

Method Used: NA

Upper Flammable Limit (UFL): NA

Lower Flammable Limit (LFL): NA

Auto Ignition: NA Flammability

Classification: Non-Flammable

Rate of Burning: NA

HAZARDOUS COMBUSTION PRODUCTS

During a fire, irritating and/or toxic gases and aerosols from the decomposition/combustion products may be present. Do not allow solution to evaporate to dryness; dry nitrates in combination with organic material can be explosive.

EXTINGUISHING MEDIA

Use water spray to cool fire exposed containers.

FIRE FIGHTING EQUIPMENT/INSTRUCTIONS

Firefighters should wear full protective clothing and use self-contained breathing apparatus.

NFPA Ratings: Health: 3 Fire: 0 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

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Section 6- Accidental Release Measures

Containment Procedures

Contain and recover spilled liquid when possible.

Clean-Up Procedures

Deactivate spilled material with decontamination solution (13% calcium hypochlorite (HTH:65% active), 10% sodium hydroxide (50%) and 77% water). Collect decontaminated material with an inert absorbent such as sand, sawdust or vermiculite. Scoop up and place in an appropriately marked container for proper disposal. Keep spill out of municipal sewers and open bodies of water. Wear recommended protective clothing and equipment.

Evacuation Procedures

Ventilate area of leak or spill. Keep unnecessary and unprotected people away.

Special Procedures

Regulations vary. All waste material should be packaged, labeled, transported, and disposed of in accordance with federal and local.

Section 7- Handling and Storage

Handling	Material is a strong irritant to skin and eyes. Avoid bodily contact. Workers should wash after each use and shower at end of work period. Material may be a skin sensitizer in susceptible individuals.
Storage:	Protect containers from extreme temperature conditions.

Section 8- Exposure Control/Personal Protective Equipment

Component Exposure Limits	5-Chloro-2-methyl-4-isothiazolin-3-one (CAS No. 26172-55-4) Manufacturer's recommendation: TWA = 0.076 mg/m3
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	<p>STEL = 0.23 mg/m³</p> <p>2-Methyl-4-isothiazolin-3-one (CAS No. 2682-20-4) Manufacturer's recommendation: TWA = 1.5 mg/m³ STEL = 4.5 mg/m³</p>
Engineering Controls	Normal room ventilation is usually adequate. If necessary, use appropriate local exhaust ventilation to keep exposures below the regulated limits.
PERSONAL PROTECTIVE EQUIPMENT Personal Protective Equipment: Eyes/Face	Wear face shield or splash goggles. Eye wash fountain and emergency shower facilities in work area.
Personal Protective Equipment: Skin	Use impervious gloves, boots, and coveralls or apron
Personal Protective Equipment: Respiratory	Under normal conditions of use, inhalation of product is unlikely. Wear OSHA/NIOSH approved respirator if aerosol or mist is encountered.
Personal Protective Equipment: General	Use good hygiene practices when handling this material including changing and laundering work clothes after use. A safety shower should be available. An eyewash fountain should be available in the work area.

Section 9 - Physical and Chemical Properties

Appearance:	Light Green
Physical State:	Liquid
Vapor Pressure:	Like water
Boiling Point:	212 °F (100 °C)
Solubility (H ₂ O):	Complete
Odor:	Mild, inoffensive
pH:	2.0 to 4.0
Vapor Density:	Like water
Evaporation Rate:	< 1
Specific Gravity:	1.02 – 1.05

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Section 10- Stability and Reactivity

Stability	Stable under ordinary conditions of use and storage
Conditions to Avoid	None known.
Incompatibility:	Avoid contact with oxidizing agents, reducing agents, amines and mercaptans.
Hazardous decomposition products:	Thermal decomposition may yield oxides of carbon, sulfur, nitrogen and hydrogen chloride gas.
Polymerization:	Will not occur.

Section 11- Disposal Considerations

US EPA Waste Number & Descriptions:

A: General Product Information

None identified.

B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions

Liquid should be considered for reuse. Absorbed material should stand for 48 hours in vented containers to avoid pressure buildup. It may be disposed of in a secured landfill in accordance with local, state and federal regulations.

Section 12- Transport Information

Shipping Name: Corrosive Liquid, Acidic, Organic, N.O.S., (5-chloro-2-methyl-4-isothiazolin-3-one), 8, UN3265, II.

Section 13- Regulatory Information

US Federal Regulations

A: General Product Information

No additional information.

State Regulations

General Product Information

Other state regulations may apply. Check individual state requirements.

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Section 14- Additional Information

MSDS Last Revision Date : April 2012

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