



MATERIAL SAFETY DATA SHEET

ABS 227 I

1. PRODUCT IDENTIFICATION

Product Name : ABS-227I LIQUID

ABS Formulation: BOILER WATER COMPOUND

2. HARDOUS IDENTIFICATION

Not regarded as health or environment hazard under current legislation

3. COMPOSITION/INFORMATION ON INGREDIENT

Contains Corrosion Inhibitor, pH correction and antiscalant component in liquid form.

4. FIRST AID MEASURES

Skin Contact : Drench with water and remove contaminated clothing and wash or shower the affected skin with plenty of water. Obtain immediate medical attention.

Eye Contact : Immediately irrigate the eyes with eyewash solution or clean water for at least 10 minutes Continue irrigation until medical attention can be obtained. Hold eyelids open during flushing.

Inhalation : Move the injured person to fresh air at once. Keep the patient warm and at rest. Perform artificial respiration, if breathing has stopped or shows sign of failing and Obtain immediate medical attention.

Ingestion (Swallowing) : Do not induce vomiting. If the person is conscious, wash out mouth with water and give 2 or 3 glasses of water or milk to drink and immediately transport the patient to hospital.

5. FIRE FIGHTING MEASURES

Flash points : Not applicable

Flammability of the product : Non-flammable

Auto-ignition temperature : Not applicable.

Flammable limits : Not applicable

Extinguishing Media : Water, Foam

6. PERSONAL PRECAUTIONS

- a. Wear appropriate PPE

SPILL CLEAN UP METHODS

Should be prevented from entering drains. Absorb in vermiculite, dry sand or earth and place into containers. Soak up spills with absorbent material and scoop into drums. Follow all local, state and federal regulations for disposal.. The floor may be slippery use caution to avoid falls.

7. HANDLING AND STORAGE

a. USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Observe good chemical hygiene practices.

b. STORAGE PRECAUTIONS

Do NOT use container made of: Carbon steel. Keep containers tightly closed. Store separated from: Cyanides. Reducing Agents. Avoid contact with strong oxidizers. Strong acids. Keep in a cool, dry, well ventilated storage and closed containers. Protect from freezing and direct sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

a. INGREDIENT COMMENTS

No exposure limits noted for ingredient(s).

b. PROTECTIVE EQUIPMENT

Wear appropriate PPE

c. ENGINEERING MEASURES

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

d. RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

e. HAND PROTECTION

Gloves should be replaced immediately if signs of degradation are observed. It has been found that gloves made from rubber, neoprene or PVC provides short-term splash protection.

f. EYE PROTECTION

Wear approved safety goggles.

g. OTHER PROTECTION

Wear appropriate clothing to prevent repeated or prolonged skin contact.

h. HYGIENE MEASURES

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

i. SKIN PROTECTION

Wear apron or protective clothing in case of splashes

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	: Liquid
COLOUR	: BROWN COLOURED LIQUID
SOLUBILITY	: Completely soluble in water.
SPECIFIC GRAVITY	: 1.08 – 1.1
PH-VALUE	: 13 to 14

10. STABILITY AND REACTIVITY STABILITY

Stable under normal temperature conditions and recommended use and will not occur Hazardous Polymerisation.

CONDITIONS TO AVOID Avoid contact with acids. Avoid contact with strong oxidisers.

11. TOXICOLOGICAL INFORMATION

No tests have been carried out. Since, the product is non-toxic is at used level. Do not take internally

12. ECOLOGICAL INFORMATION

AQUA TOXICOLOGY : No Data Available

BIODEGRADATION : No Data Available

13. DISPOSAL CONSIDERATIONS

When handling waste, consideration should be made to the safety precautions applying to handling of the product. Consult state and local regulations regarding the proper disposal of this material.

14. TRANSPORT INFORMATION

GENERAL : Not regulated, No transport warning sign required.

RAIL TRANSPORT NOTES : Not Classified

SEA TRANSPORT NOTES : Not Classified.

AIR TRANSPORT NOTES : Not Classified

ADR CLASS : Not classified for transportation

MARINE POLLUTANT : No

15. REGULATORY INFORMATION

Risk Phrases : Not Classified

Safety Phrases : Not Classified

Consult state and local regulatory authorities.

16. OTHER INFORMATION

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations. ABS WATERTECH assumes no responsibility for injury to customers or third persons caused by the material, if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, since actual use by others is beyond our control, no guarantee expressed or implied is made by ABS WATERTECH as to effect of such use, the results to be obtained, others safety and toxicity of the products, nor ABS WATERTECH assumes any liability arises out of use/misuse by others of the product referred to herein. Information proved herein is provided by ABS WATERTECH solely for customers' assistance in implying with the occupational Safety & Health Act Regulations there under. Any other use is prohibited.