



## MATERIAL SAFETY DATA SHEET

### ABS CL 105

#### 1. PRODUCT IDENTIFICATION

Product Name : ABS-CL 105

ABS Formulation: SILICA SCALE, SLUDGE AND CORROSION INHIBITOR

#### 2. HARDOUS IDENTIFICATION

Not regarded as health or environment hazard under current legislation

#### 3. COMPOSITION/INFORMATION ON INGREDIENT:

Contains Polymer of acrylic acid & maleic anhydride, Phosphonate Compounds, Acrylic homopolymer, HEDP Acid, PBTC, preservatives & stabilizers.

#### 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**

Avoid Spreading of dust. 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**

Keep containers tightly closed. Avoid contact with strong oxidizers. Strong acids. Keep in a cool, dry, well ventilated storage and closed containers.

Do NOT use container made of: Carbon steel. Keep containers tightly closed.

Store separated from: Cyanides. Reducing Agents. Avoid contact with strong oxidisers.

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**

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**

<b>APPEARANCE</b>	: Clear Liquid
<b>COLOUR</b>	: Amber colour
<b>SOLUBILITY</b>	: Completely soluble in water.
<b>SPECIFIC GRAVITY</b>	: 1.100 - 1.150 @ room temperature
<b>PH-VALUE</b>	: 12.50 to 13.50

### **STABILITY & REACTIVITY**

<b>STABILITY</b>	: Normal Stable
<b>REACTIVITY</b>	: Will not polymerize

## **10. TOXICOLOGICAL INFORMATION**

No tests have been carried out. Since, the product is non-toxic is at used level.

<b>INGESTION</b>	: Harmful if Swallowed
<b>HEALTH EFFECTS</b>	: This substance has no evidence of carcinogenic properties

## **11. ECOLOGICAL INFORMATION**

<b>AQUA TOXICOLOGY</b>	: Low bioaccumulation potential
<b>BIODEGRADATION</b>	: Degradation by hydrolysis

## **12. 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.

## **13. TRANSPORT INFORMATION**

<b>GENERAL</b>	: Not regulated, No transport warning sign required.
<b>RAIL TRANSPORT NOTES</b>	: Not Classified
<b>SEA TRANSPORT NOTES</b>	: Not Classified.
<b>AIR TRANSPORT NOTES</b>	: Not Classified
<b>ADR CLASS</b>	: Not classified for transportation
<b>MARINE POLLUTANT</b>	: No

## **14. REGULATORY INFORMATION**

<b>Risk Phrases</b>	: Not Classified
<b>Safety Phrases</b>	: Not Classified

Consult state and local regulatory authorities.

## **15. 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 provided herein is provided by ABS WATERTech solely for customers' assistance in complying with the occupational Safety & Health Act Regulations there under. Any other use is prohibited.

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