

ZEOLITE ADSORBENT

MATERIAL SAFETY DATA SHEET

Effective Date: July 1, 2002

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:

Product Name: Specially Formulated Zeolite Adsorbent

Product Use: Used as adsorbent for Ingersoll-Rand PolySep oil-water separator

Supplier: Ingersoll-Rand Company

2. COMPOSITION / INFORMATION ON INGREDIENTS:

<u>COMPONENT</u>	<u>CAS NO.</u>	<u>EXPOSURE LIMITS (TLV)</u>		
		ACGIH	OSHA	OTHER
Activated Carbon	Proprietary	N/A	N/A	N/A
N-Hexadecyl-N,N,N-trimethylammonium chloride	Proprietary	N/A	N/A	N/A
Zeolite / Water				

3. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance and Odor: White / Black particulate solid, none

Boiling Point: N/A

Melting Point: N/A

Vapor Pressure (mm Hg. and temperature): N/A

Vapor Density (air = 1): N/A

Solubility in Water: N/A

Density: 54 - 55 lbs/ft³

Evaporation Rate: N/A

Water Reactive: N/A

4. FIRE AND EXPLOSION HAZARD DATA:

Flash Point: N/A

Auto-Ignition Temperature: N/A

Flammability Limits in Air % By Volume: N/A

LEL: N/A UEL: N/A

Extinguishing Media: If involved in fire, flood with plenty of water.

Special Fire Fighting Instructions: None.

Unusual Fire and Explosion Hazards: Products of combustion are toxic.

5. HEALTH HAZARD DATA:

Acute: None

Chronic: None

Signs and Symptoms of Exposure: None

Medical Conditions Generally Aggravated By Exposure: None

Emergency First Aid Procedures: Seek medical assistance for further treatment, observation and support if necessary.

Zeolite Adsorbent

5. HEALTH HAZARD DATA (CONTINUED):

Eye Contact: Immediately flush with large amounts of water for at least 15 minutes. Get immediate medical attention.

Skin Contact: Wash affected areas with plenty of soap and warm water if available, for several minutes. Seek medical attention if irritation develops

Ingestion: Give 3-4 glasses of milk (if unavailable, give water), but DO NOT induce vomiting. If vomiting does occur, give fluids again. Seek medical attention.

Inhalation: Remove from area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.

6. REACTIVITY DATA:

Chemical Stability: N/A

Conditions To Avoid: None known

Incompatibility (Materials To Avoid): Strong oxidizing and reducing agents.

Hazardous Decomposition Products: Organic chlorides, amines, hydrogen chloride may be produced.

Hazardous Polymerization: N/A

Conditions To Avoid: None known

7. CONTROL AND PROTECTIVE MEASURES:

Respiratory Protection: Treat as low level nuisance dust. Use NIOSH/MSA #TC-21C-132.

Skin Protection: Protective gloves (rubber or neoprene gloves when needed).

Eye Protection: Use safety glasses with side shields.

Ventilation To Be Used: None.

Other Protective Clothing and Equipment: Eye wash; safety shower; protective clothing as appropriate.

Hygienic Work Practices: None.

8. PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES:

Steps To Be Taken If Material Is Spilled Or Released: Keep containers closed until used.

Waste Disposal Method: Dispose of in accordance with local, state, and federal regulations.

Precautions To Be Taken In Handling And Storage: Protect containers against physical damage. Store in a cool, dry area in closed containers.

Other Precautions and / or Special Hazards: Wet activated carbon removes oxygen from air causing a severe hazard to workers inside carbon vessels or confined spaces.

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Emergency Contact:

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