

MATERIAL SAFETY DATA SHEET

AS-9899

1. Material Identification

Manufacturer's Name	Producers Service Corporation
Manufacturer's Address	109 South Graham Street Zanesville, OH 43701
Manufacturer's Phone	(740) 454-6253
Product Name	AS-9899
Chemical Name	Scale inhibitor
Current Issue Date	October 24, 2011

2. Hazardous Ingredients

<u>Chemical Name</u>	<u>CAS #</u>	<u>%WT</u>	<u>TLV-TWA</u>	<u>PEL</u>	<u>Sec. 313</u>	<u>Carcinogen</u>
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This product does not contain regulated, hazardous components.

3. Health Hazards

Inhalation	Inhalation may be harmful and can cause headaches, dizziness and nausea.
Ingestion	This material may be harmful if swallowed. Seek medical attention.
Skin	May cause skin irritation. Allergic reactions are possible. Passage of this material into the body through the skin is possible, which will add to the toxic effects from ingestion and inhalation.
Eyes	Liquid, aerosols and vapors of this product may be irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes
Unusual Chronic Toxicity	none

4. First Aid Measures

Eyes & Face	Immediately flush with large quantities of water for at least 15 minutes. Seek medical attention.
Skin	Remove contaminated clothing and flush exposed skin with soap and water. If irritation develops seek medical attention. Launder contaminated clothing before reuse.
Inhalation	Move to fresh air. Aid in breathing if necessary and seek medical attention.
Ingestion	Get medical attention immediately. Do not give anything by mouth to an unconscious person. Place victim on left side with head down to prevent aspiration into lungs. Call a physician or poison control center immediately for advice on inducing vomiting

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5. Fire & Explosion Hazard

Flash Point	Not combustible
Unusual Fire Hazard	None known
Unusual Explosion Hazard	None known

6. Precautions & Procedures

Fire Extinguishing Agents	Not combustible
Fire Extinguishing Agents to Avoid	n/a
Special Fire Fighting	n/a
Ventilation	Keep open drums in well ventilated area.
Storage	Prevent freezing.
Leak & Spill Procedures	Neutralize with appropriate material and absorb onto sand or inert material. Flush neutralized residue to sanitary sewer.

7. Personal Protective Clothing

Respiratory Protection	Use a NIOSH/MSHA approved air purifying respirator with an organic/amine vapor cartridge when airborne concentrations are expected to exceed exposure limits. Protection by air purifying respirators is limited.
Eyes & Face	Full chemical goggles.
Hands, Arms & Body	Neoprene gloves, apron, boots – as necessary to prevent skin contact.

8. Physical Data

Physical State	Liquid
Appearance and Odor	Clear light amber, odor characteristic
Specific Gravity	1.05
Vapor Density	ND
Vapor Pressure	ND
Solubility in Water	Complete
pH	4.5 ± 0.5
Evaporation Rate	< 1 (water=1)

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9. Reactivity Data

Shelf Life	1 year
Incompatibility	Strong bases, strong acids and oxidizers.
Hazardous Polymerization	none known

10. Environmental

Leak & Spill Procedures	Neutralize with soda ash and absorb onto sand or inert material.
Waste Disposal	Consult local, state, or federal regulatory agencies for acceptable disposal procedures and disposal locations. Disposal in streams or sewers may be prohibited by federal, state, and local regulations.
RCRA Status	none
Hazardous Waste #	NA

11. Toxicological Information

Oral	Product is classified as moderately irritating to the digestive tract.
Dermal	Product is classified as moderately irritating to the skin.
Inhalation	Product is classified as moderately irritating to the eyes.

12. HMIS Ratings

	HMIS	<i>4=extreme,</i>
Health	1	<i>3=high</i>
Flammability	0	<i>2=moderate</i>
Reactivity	0	<i>1=slight</i>
		<i>0=insignificant</i>