



FutureSol® PSA-65

Product Stewardship Summary

Chemical Identification

- Chemical Abstract Service (CAS) Number: 98-67-9
- Product Name: Phenol Sulfonic Acid, 65% aqueous solution

Description of PSA65

It is a highly acidic intermediate used in water-based catalysis. Applications include uses in oilfield chemicals, metal working, textile dye manufacturing, and as a polymerization catalyst.

Properties of PSA65

Property	Value
Form	Liquid
Color	Clear to brown; transparent
Odor	Phenolic
Melting/Boiling Point	Not available/ >100°C
Flashpoint	>62.8°C
Solubility (in water)	Completely soluble
Stability	Stable under normal conditions
Reactivity	May be corrosive to metals

Exposure Potential of PSA65

Workplace exposure:

This product contains no substances with an occupational exposure value. In an industrial setting, containment through engineering, institutional controls, and personal protective equipment are utilized to minimize exposure. Normal safe handling procedures should be used in the workplace. Workers should follow recommendations of the Safety Data Sheet (SDS).

Employees should be trained in the appropriate work processes and safety equipment to limit exposure.

Consumer exposure:

FFCC does not sell this product directly to consumers.

Environmental exposure:

Effect Assessment	Result
Aquatic Toxicity	Not classified as environmentally hazardous
Biodegradability Persistence	Data not available for degradability
Bioaccumulation Potential	Refer to SDS for partition coefficient of impurity

Health Effects from exposure to PSA65:

Effect Assessment	Result
Acute Toxicity	Consult SDS (Sec 11) for toxicological data for specific components
Irritation	Skin: Causes severe skin burns and eye damage Eye: Causes serious eye damage
Sensitization	Not expected to cause skin sensitization
Mutagenicity	Suspected of causing genetic defects
Carcinogenicity	Not considered to be carcinogenic
Toxicity after repeated exposure	Causes damage to organs (respiratory) through prolonged or repeated exposure by inhalation
Toxicity for reproduction	Not considered a reproductive or developmental toxicant

Disclaimer:

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