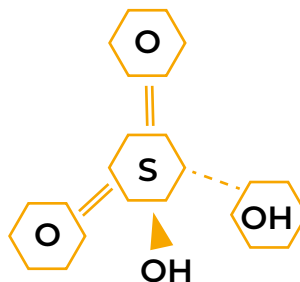


SPENT SULPHURIC ACID

Chemical Structure and Identity



Specifications

Characteristics	Unit	Standard Value
Appearance	-	Pale yellow hazy liquid
Assay as H ₂ SO ₄	%	75.0 Min.
Free Cl ₂	ppm	Presence in quantity

CAS No
7664-93-9

EINECS No
231-639-5

Technology
AKCC

UN No
1832

Class
8

Packing Group
II

State
Liquid

Commercial Trade Name
Not Pertinent

Synonyms
Oil of Virtual,
Battery Acid,
Spent Sulphuric Acid

Formula
H₂SO₄

Molecular Weight
98.08

Package Unit
Tanker

SPENT SULPHURIC ACID

Handling & Safety

- Comply with the legal requirements.
- Remove contaminated clothing immediately.
- Keep the substance free from contamination.
- Thoroughly clean/dry the installation before use.
- Do not discharge the waste into the drain.
- Never add water to this product. Never dilute by pouring water to the acid.
- Always add the acid to the water. Keep away from naked flames/heat.
- Observe very strict hygiene - avoid contact. Keep container tightly closed.
- Measure the concentration in the air regularly.
- Carry operations in the open/under local exhaust/ventilation or with respiratory protection.

Application

- Single Super Phosphate (SSP)
- Di Calcium Phosphate (DCP)
- Ferrous Sulphate (Alum)
- Dyes and Pigments
- Neutralizing Agent
- Paper and Pulp
- Detergents and Soaps