

Khuzestan Savory, Marzeh Khuzestan *Satureja khuzistanica* Jamzad. Technical Data Sheets(TDS)



Technical Fact

Oil Origin: leaves
Extraction: steam distilled
UV resistance: limited
Solubility: alcohol soluble, moderately lipophilic
Rancidity time: 4-8 month
Moisture content: 8-10 %

Physical Characteristics

Comparative Physical Characteristics of commercial *Satureja khuzistanica* essential oil as specified by published data

Characteristics	USP	Sample	Commercial sample
Appearance (25°C)	n/d	Liquid	Liquid
Color	n/d	Yellow	Yellow to pale yellow
Odor	n/d	Slightly peppery sweet smell	Peppery and herbaceous like smell
Freezing point (°C)	n/d	n/d	n/d
Flash point (°C)	n/d	> 90	> 90
Relative Density (at 20°C)	n/d	0.90	0.90-0.94

n/d. not determined

Toxicity

The estimated toxic activity (LD_{50}) of various Satureja essential oil were more than 500 mg/kg for i.p. dose in mouse.

Safety

Avoid contact with eyes
Inner ears
Skin irritant
Allergic condition.