

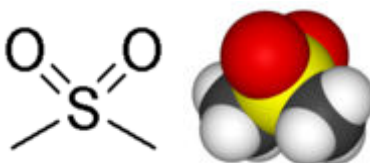
Sangam Laboratories Pvt Ltd

Methylsulfonylmethane

Systematic name : dimethylsulfone

Molecular formula : C₂H₆O₂S

CAS Number : [67-71-0]



Methylsulfonylmethane (MSM, or dimethylsulfone) is an organic sulfur compound belonging to a class of chemicals known as sulfones. It occurs naturally in some primitive plants and is present in small amounts in many foods and beverages.

MSM is also known as dimethylsulfone, or DMSO₂, a name that reflects its close chemical relationship to dimethyl sulfoxide (DMSO), which differs only in the oxidation state of the sulfur atom. MSM is the primary metabolite of DMSO in humans, and it shares some of the properties of DMSO.

MSM is sold as a dietary supplement that is marketed with a variety of claims and is commonly used (often in combination with glucosamine and/or chondroitin) for helping to treat or prevent osteoarthritis. Retail sales of MSM as a single ingredient in dietary supplements amounted to \$115 million in 2003. However, clinical research on the medical use of the chemical in people is limited to a few pilot studies that have suggested beneficial effects.

Uses

1. Because of its polarity and thermal stability, MSM is used industrially as a high-temperature solvent for both inorganic and organic substances. It is used as a medium for carrying out chemical reactions in polymerization processes as well as to make pharmaceuticals, agrochemicals, paint, coating materials and biocides.
2. Relief from acidity and heartburn
3. Relief of environmental, food and drug allergies
4. Relief from symptoms of osteoarthritis and rheumatoid arthritis

SPECIFICATION

METHYL SULFONYL METHANE (MSM)

CAS NUMBER	67-71-0
DESCRIPTION	WHITE CRYSTALLINE POWDER
IDENTIFICATION	BY I.R TO CONFIRM
MELTING POINT	107-109° C
MOISTURE	N M T 1%
PURITY BY GLC (BY AREA %)	99% MIN

Packing : 25 Kg/50 Kg HDPE drums/ Fiber Drums as per customer's requirement

Storage : Store in Cool and Dry place