



Sandarac

Product Identification

Product name	Sandarac
Product Code	RE-000150
Use of the Substance/Preparation	Artists and Restoration Material
CAS-No.	9000-57-1
EINECS	232-547-8

Composition Information

Chemical Characterization

Gum sandarac

Gum Sandarac is derived in the Atlas region in Morocco from the cypress Sandarac tree. Gum Sandarac is a resin leaking from bark and branches of the tree, hardened by air. In most cases the pieces have a long/oval or cylindrical form, up to 4 cm long, they are smooth and of yellowish-white color and of balsamic odor, slightly like turpentine. Especially when being heated, the taste is weakly aromatic, slightly bitter. About 95 % resin substances, containing free resin acids such as sandaracopimar acid, oxysanderacopimar acid, callitrol-, sandaracin-, sandaracol-, sandarcinol and other acids. Additionally it contains 1-2 % bitter constituent, about 1-1.5 % essential oils with alpha- and beta-pines, D-limonene, thymochinone

Hazards Identification

Not necessary

First Aid

After inhalation	If inhaled, move to fresh air
After skin contact	Wash off with warm water
After eye contact	Rinse open eye for several minutes under running water. If symptoms persist, consult physician
After ingestion	If swallowed, dilute with water and induce vomiting

Fire Fighting Measure

Suitable extinguishing media	No restrictions
Special hazards	Do not inhale fumes in case of fire

Accidental Release Measure

Personal precautions	Wear protective gear
Environmental precautions	No special measure required
Methods for cleaning-up	Clean up mechanically and place in adequate containers for reuse

Handling and Storage

handling procedures	Avoid dust formation
storage needs	Store in a cool and dry place

Exposure Controls/Personal Protection

Additional information about design of technical systems	Provide adequate ventilation in case of dust formation
Limits of exposure	5 mg/m ³
General protective measures	Wash thoroughly after handling
Respiratory protection	Dust mask if very dusty
Hand protection	Protective gloves

Physical and Chemical Properties

Form	pieces
Color	yellowish, white
Odor	balsamic odor, slightly like turpentine
Melting point	approx. 140-150°C
Density	1.092 (Brisson) 1.05 (Pfaff)
Solubility	in alcohol, ether, turpentine (partially), acetone

Stability and Reactivity

Stability	Stable under normal conditions of storage and use
Hazardous reactions	None

Toxicological Information

Not considered toxic material

Ecological Information

Not hazardous to the environment

Disposal Considerations**waste disposal**

Dispose in a suitable waste treatment facility in compliance with all federal, provincial and local regulations

Transport Information

Not classified as a dangerous good under transport regulations

Regulation Information**Labelling in accordance with EC Regulations**

Hazard warning labelling not required

Other Information**Disclaimer**

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