



Data Sheet

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Product name

HEXANE

Description

Hexane is a narrow boiling range, fast evaporating solvent widely used in the adhesive industry and in the extraction of vegetable oils.

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE
Distillation range,	ASTM D86	°C	
IBP			61
DP			68
Flash point (Abel)	IP 170	°C	< 0
Aniline Point	ASTM D611	°C	68
Density @ 15 °C	ASTM D4052/1298	Kg/l	0.675
Benzene Content	GR 333	% m/m	0.02
Conductivity @ 23°C	ASTM D2624	Ps/M	10
Composition		% m	
Paraffins			94.6
Napthenes			5.3
Aromatics			0.02

Test methods

ASTM methods are published by the American Society for Testing and Materials 1916 Race St, Philadelphia, Pa. U.S.A.

IP methods are published by the Institute of Petroleum, 61 New Cavendish St, London, U.K.

General information

Hexane is highly flammable (Flash Point $<0^{\circ}\text{C}$), can form explosive mixtures with air and is immiscible with water. It should be kept away from heat, naked flames and sparks. Electrostatic charge may be generated during handling, e.g. pumping. In case of fire, carbon dioxide, dry chemical powder, foam, sand or earth should be used, but not water jets.

Occupational exposure to solvents should be reduced to the lowest practicable level. Continuous inhalation of the vapour should be avoided. Prolonged and repeated skin contact can cause dermatitis due to defatting properties. In the event of contact with the product, the following first aid precautions should be observed:

Skin

Flush the eyes with water. If irritation persists obtain medical attention.

Ingestion

Do not induce vomiting. Obtain medical attention.

Inhalation

Remove to fresh air. If rapid recovery does not occur, obtain medical attention.

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