

TNJ®

Specialized in chemicals

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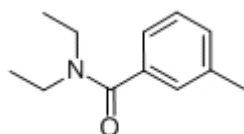
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Technical Data Sheet

DEET

Product Information

Chemical Name	DEET
CAS #	134-62-3
Formula	C ₁₂ H ₁₇ NO
Molecular Weight	191.27
Synonyms	3-methyl-2-deutero-N,N-diethylbenzamide;A.I. 3-22542;AI 3-22542;ai3-22542;aminocenec-em;Autan;Baker'S antifol;Benzamide, N,N-diethyl-3-methyl-
Chemical Structure	



Description

DEET Is straw yellow and limpidity liquid.

Physical Properties

Melting point, °C .	- 45
Boiling point, °C	288-292
Density @ 20°C, g/cm ³	0.9955
Flash point, °C	155

Specification

Item	Specification
Appearance	Straw yellow and limpidity liquid
Refractive Index (25°C)	1.5200~1.5240
Acidity (PH),mlNaOH/g	≤0.40
Specific Gravity	0.996~1.002
Water,%	≤0.50

Assay, % 95.0~103.0

Safety

DEET is as a pair stimulants, so the skin produces stimulation is inevitable.
Always refer to the Material Safety Data Sheet (MSDS)

Applications

Intermediate used in the production of:

- Insect repellent

Packaging

200kg per plastic or iron drum.
16mt per 20ft container

Storage & Handling

Keep container closed when not in use. Store in a tightly closed container.
Store in a cool, dry, well-ventilated area away from incompatible substances. Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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