ICS 75.160.20 TECHNICKÁ NORMALIZAČNÁ INFORMÁCIA August 2020

TNI	**Automobilové palivá Informácie o anilíne, N-metylanilíne, N,N-dimetylanilíne a sekundárnom butylacetáte ako prímesiach do bezolovnatého benzínu**	**TNI CEN/TR 17491** 65 6559

Automotive fuels - Information on aniline, N-methyl aniline, N-ethyl aniline, N,N di-methyl aniline and secondary-butyl acetate when used as blending components in unleaded petrol

Táto technická normalizačná informácia obsahuje anglickú verziu CEN/TR 17491:2020.
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TECHNICAL REPORT

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CEN/TR 17491

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English Version

Automotive fuels - Information on aniline, N-methyl aniline, N-ethyl aniline, N,N di-methyl aniline and secondary-butyl acetate when used as blending components in unleaded petrol

Kraftstoffe - Leitfaden zum Mischen von Benzin - Informationen zu Anilin, Anilinderivaten und sekundärem Butylacetat

This Technical Report was approved by CEN on 6 April 2020. It has been drawn up by the Technical Committee CEN/TC 19.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (CEN/TR 17491:2020) has been prepared by Technical Committee CEN/TC 19 “Gaseous and liquid fuels, lubricants and related products of petroleum, synthetic and biological origin”, the secretariat of which is held by NEN.

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1 Scope

This document is intended to inform about the potential technical consequences on engine parts and fuel systems when some types of chemical compounds are used as blending components in unleaded petrol. This document is not meant to intentionally limit market fuel development.

The chemical compounds addressed, specifically, in this document are:

— sec-butyl acetate (SBA) (CAS 105-46-4),

— aniline (CAS 62-53-3),

— N-methyl aniline (NMA) (CAS 100-61-8),

— N-ethyl aniline (NEA) (CAS 103-69-5), and

— N,N di-methyl aniline (DMA) (CAS 121-69-7).

Other chemical compounds are not addressed in this document, however, attention is drawn to EN 228, which requires that unleaded petrol be free from any adulterant or contaminant that can render the fuel unacceptable for use.

NOTE 1 This document does not address environmental and/or health related issues. These aspects are beyond the scope of CEN/TC 19 activities.

NOTE 2 For the purposes of this document, the term "% (*V/V*)" is used to represent the volume fraction, φ.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 228:2012+A1:2017, *Automotive fuels - Unleaded petrol - Requirements and test methods*