

9 November 2015

Agreement

Concerning the Adoption of Uniform Technical Prescriptions for Wheeled Vehicles, Equipment and Parts which can be Fitted and/or be Used on Wheeled Vehicles and the Conditions for Reciprocal Recognition of Approvals Granted on the Basis of these Prescriptions*

(Revision 2, including the amendments which entered into force on 16 October 1995)

Addendum 44 – Regulation No. 45

Revision 2 - Amendment 3

Supplement 9 to the 01 series of amendments – Date of entry into force: 8 October 2015

Uniform provisions concerning the approval of headlamp cleaners, and of power-driven vehicles with regard to headlamp cleaners

This document is meant purely as documentation tool. The authentic and legal binding text is: ECE/TRANS/WP.29/2015/20.



UNITED NATIONS

* Former title of the Agreement: Agreement Concerning the Adoption of Uniform Conditions of Approval and Reciprocal Recognition of Approval for Motor Vehicle Equipment and Parts, done at Geneva on 20 March 1958.

Annex 4,

Paragraph 2.1., amend to read (including the insertion of a new footnote 2):

"2.1. Test mixture

2.1.1. For headlamp with the outside lens in glass:

A mixture of water and polluting agent to be applied to the headlamp shall be composed of:

- (a) 9 parts by weight of silica sand with a particle size of 0-100 µm,
- (b) 1 part by weight of vegetable carbon dust produced from beech wood with a particle size of 0-100 µm,
- (c) 0.2 part by weight of NaCMC¹, and
- (d) 5 parts by weight of sodium chloride (pure at 99 per cent).

An appropriate quantity of distilled water with a conductivity of ≤ 1 µS/m.

2.1.2. For headlamp with the outside lens in plastic material:

The mixture of water and polluting agent to be applied to the headlamp shall be composed of:

- (a) 9 parts by weight of silica sand with a particle size of 0-100 µm,
- (b) 1 part by weight of vegetable carbon dust produced from beech wood with a particle size of 0-100 µm,
- (c) 0.2 part by weight of NaCMC¹,
- (d) 5 parts by weight of sodium chloride (pure at 99 per cent),
- (e) 13 parts by weight of distilled water with a conductivity of ≤ 1 µS/m, and 2 ± 1 parts by weight of surface-actant.²

2.1.3. The mixture shall be fit for applying to the headlamp by the spray gun specified under paragraph 2.3. below. The mixture shall be used not earlier than two hours and not later than 24 hours after preparation. It shall be given into the gun immediately before use.

² The tolerance on quantity is due to the necessity of obtaining dirt that correctly spreads out on all types of plastic lens."
