



Safety Data Sheet

Copyright, 2016, IOS Company.

All rights reserved. Copying and/or downloading of this information for the purpose of properly utilizing IOS products is allowed provided that:

- 1- the information is copied in full with no changes unless prior written agreement is obtained from IOS
- 2- neither the copy nor the original is resold or otherwise distributed with the intention of earning a profit thereon.

Issue Date: 10-15-2016

Version Data 5.20

Product Description

Stainless Steel Wires

REF NUMBER

Restrictions to use:

For use only by dental professionals.

Manufacturer : International Orthodontic Services
Address : 12811 Capricorn St. Stafford, TX 77477 USA
Phone No, : 1888-10S-8882 (1888-461-8882)
Emergency Phone No, : +1 832 342 9487

DISCLAIMER: The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. IOS MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the IOS product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a IOS product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the IOS product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

MATERIAL AND COPPOSITIONS

Stainless Steel :
Cr= 17 - 19%
Ni= 8 - 10%
Mn= 1 - 2%
Fe= rest

MECHANICAL DATA

Tensile Strength

-Soft : 600 - 800 N/mm²
-Hard ; 1400 - 1600 N/mm²

STAINLESS STEEL LAB WIRES

-Spring Hard : 1800 - 2000 N/mm²
-Tolerances : diameter ISO -h8 (0 to minus 0,02 mm)

TOXICAL ACTION

none

ALLERGICAL ACTION

Persons who are allergic against nickel can get eruptions.
Remedy: Stop therapy immediately.

DANGERS CAUSED BY THE PRODUCT

none

RISK OF FIRE

none

SAFTY DEVICES

not required

APPLICATIONS

Only for single use.
Device has to be built into the appliance by a dental technican. A doctor has to overgrow the therapy.
The patient has to keep the appliance clean.

QUALITY CONTROL

Quality Systems according to : DIN EN ISO 9001:2000
DIN EN ISO 13485:2003
Directive 93/42/EEC