

Product Bulletin

For Distribution To:

- International Distributors
- International Management
- U.S. Field Sales & Clinical Specialists
- U.S. Technical & Field Service

Date: **January 4, 2013**

RE: **Intercept® Detergent Compatibility**

MEDIVATORS Intercept Detergent was tested for compatibility with different materials, including vinyl, nitrile, and latex gloves, and stainless steel. Compatibility testing was requested by a customer and the results are detailed below.

The studies were conducted under laboratory conditions by MEDIVATORS R&D Department.

- 1) Vinyl, nitrile, and latex gloves were tested on Intercept used at full strength, undiluted and at 0.3% concentration (typical use concentration). The gloves were evaluated using an IR spectrum analyzer before and after soaking in Intercept. The soak time in Intercept was one (1) hour. The spectrum analyzer was used to detect any change in the chemical structure of the glove materials.
- 2) Stainless steel 316 was tested by soaking in full strength, undiluted concentration for a period of five (5) hours. Highly accurate pre and post weight measurements were used to determine if Intercept caused any corrosion or surface alterations resulting in material loss to the stainless surface. A visual observation was also made to identify any material color change.

The study concluded that Intercept is compatible as follows:

VINYL AND NITRILE GLOVES

- 1) Compatible with undiluted Intercept after a soak time of one hour. The IR spectrums showed no material change.
- 2) Compatible with diluted Intercept (0.3%) after a soak time of one hour. No material change was detected using the IR spectrum analyzer.

LATEX GLOVES

- 1) Compatible with undiluted Intercept when used for less than one hour, but not compatible with undiluted Intercept when used for periods \geq one hour. After a one hour soak time, there was no change on the inside of the gloves. The IR spectrum analysis identified a slight change in the chemical bond on the outside of the gloves after one hour.
- 2) Intercept is compatible with latex gloves when used at 0.3% concentration for up to one hour. The IR spectrum results confirmed this observation.



MEDIVATORS Inc. Headquarters
14605 28th Avenue North
Minneapolis, MN
55447-4822 USA
Tel: +1.800.444.4729
Fax: +763.553.3387

MEDIVATORS BV
Sourthweg 11
6422PC Heerlen
The Netherlands
Tel: +31.45.5.471.471
Fax: +31.45.5.429.695

MEDIVATORS Asia/Pacific Pte Ltd
1 A International Business Park
#05-01 Singapore 609933
Tel: +65.6227.9698
Fax: +65.6225.6848

MEDIVATORS Beijing Representative Office
Room 708, 7th Floor Kaiheng Center, Block B
No. 2 Chaoyangmennei Street
Dongcheng District, Beijing China 100010
Tel: +8610.6567.8446
Fax: +8610.6567.8445

www.medivators.com

Product Bulletin

STAINLESS STEEL

Compatible with undiluted Intercept after a soak time of five hours. No corrosion, surface alteration, or color change identified.

A copy of this product bulletin is available on the MEDIVATORS website located at www.medivators.com under “Documents” section for Intercept Detergent. If you have any questions regarding this Product Bulletin, please contact MEDIVATORS Customer Support at 1-800-444-4729.