#### EICHROM ENVIRONMENT\_\_\_\_\_

### EICHROM ENVIRONMENT IN 2007-2008

## New independant company

- § Michaela Langer bought resin trading part from Eichrom Technologies US
- § Eichrom Environment is a new French company independent from Eichrom US and Eichrom Europe
- § Implementation of a production unit in Rennes

## Production unit

- § First batches of each resin (bulk and columns) tested against US characterized products for validation and assurance of identical quality
- § Products made in Rennes with new labels
- § December 2007: column filling machine implemented for column production



## Labels for Eichrom Environment products

**Bottles** 

Résine TEVA 50g / TEVA Resin 50g

Réf./ Ref.: TE-B50-A (100-150 µm)

Lot/Batch **FTEAyymmjj** 

Résine fabriquée le / Resin produced / Resin hergestellt am :



Xn: Nocif - Nocive - Gesundheitsschädlich

N: Dangereux pour l'environnement /

Dangerous for Environment / Umweltgefährlich

Classification:

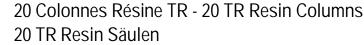
R22/36/37/38-41-50/53

S26-39-60-61

#### **EICHROM ENVIRONMENT**-

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#### Columns





Réf./ Ref.:	TR-C20-A	(100-150 µm	)	Lot/Batch: FTRAaammjj	
Résine fabriquée le /	Resin produced / Re	esin hergestellt am:	jjmmaa		
	×			Classification : Carc. Cat.3	
O: Comburant	Xn : Nocif			R8-36/37/38-40	
Oxidizing Brandfördernd	Harmful Gesundheits	schädlich		S23-26-36/37-45-46	

# Column filling machine







## ISO 9001 certification

- § All Eichrom Environment activities under ISO:
  - Design
  - Production
  - Sales and trade of laboratory consumable
- § Quality control on our products :
  - Subcontracted to external laboratories
  - Laboratories validated against US QC results
  - QC requirement specifications established for each resin type/laboratory
  - QC protocol and acceptance criteria established for each resin produced in Rennes (based on existing US protocol)

## ISO 9001 certification

- § QC on extractants, bulk resin and columns
- § Additional parameters compared to US QC
- § Typical QC protocol includes:
  - Extractants: D under uptake and elution conditions
  - Bulk: D<sub>W</sub> under uptake and elution conditions, Capacity (to be added for TRU and TEVA); in addition for Sr: yield in simplified column experiments and TOC of Sr eluent
  - Columns: Simplified elution study, separation of min. 2 analytes, yield and cross-contamination, filling height and flow rate
- § In case a lot does not pass QC specifications recontrol by two labs
  - Lot passes both controls: liberation
  - Otherwise: no liberation

## ISO 9001 certification

- § Responsible for QC: S. Happel
  - 2 other persons are trained to liberate lots and to prepare certificates of analysis
- § All Certificates of Analysis available in 3 languages (FR, EN, DE)
- § All MSDS are in 16 point format and 3 languages (FR, EN, DE)
- § We are working on more ...
- § We are currently undergoing the follow up ISO audit

## 1st June 2008

- § Eichrom Environment will become TRISKEM International
  - Continuation of Eichrom Resins
  - New orientation towards new technologies and environmental remediations (heavy metals,...)
  - Interest in research cooperations
  - What will change: company name and logo
  - What will remain the same: people, contact details, quality of products and service

## TRISKEM International Logo

