



Penetrant Testing

Product information
MR[®] 955 Food Safe Penetrant

MR[®]
CHEMIE
NDT-materials

TO SEE MORE!

MR[®] 955 Food Safe Penetrant

Detection of cracks acc. to EN ISO 3452-2

General appearance and composition:

- Water removable penetrant fluorescent, type I acc. to EN ISO 3452-1
- No declaration of hazardous ingredients acc. to EG 1907/2006 – ECO-LINE
- Free of hydrocarbons
- Very good biodegradability according to EN ISO 9888
- Test method acc. „Tanksafe“ see <http://www.bactoforce.de/services-2/tanksafe/>
- Very good suitability for testing storage tanks spray dryers and other tanks
- Very good wettability
- Low water risk class WGK 1 (Germany)
- No discoloration of plastics and industry floors

Relevant approvals and specifications

- Type Testing acc. to EN ISO 3452-2
- Sensitivity class 1 acc. to EN ISO 3452-2
- **System IAa**
 - Remover: Water
 - Developer: MR[®] 81
- Sensitivity class 0,5 without using of MR[®] 81 Food safe dry developer powder – according to manufacturer self-classification of MR Chemie GmbH
- Low content of halogens and sulphur according to EN ISO 3452-2
- NSF registered (Nonfood-connections) – category Code P1, register number 156669
- Safety and risk assessment according TNO



Nonfood Compounds
Program Listed P1
156669

Application:

- Remove tinder, rust, lacquer, micro-organisms, oil, fats and other contaminations from surface in a suitable manner.
- Apply MR[®] 955 to the part to be tested. Allow to penetrate for at least 5 minutes.
- Remove excess MR[®] 955 from surface with water.
- Apply MR[®] 81 Food safe dry developer powder to the dry surface (e.g. with an electrostatic spray gun or a powder ball) achieving a thin, uniform layer.
- Under UV-light, surface defects will appear as yellow-green fluorescent indications.

Minimum shelf life:

- 2 years, stored at room temperature

Delivery form:

- 10 L