

## Non Aqueous Developer

### For Liquid Penetrant Inspection Form d & Form e

#### DESCRIPTION

ZChek-DL is a high performance Non-Aqueous Developer used in both Type 1 & Type 2 and all methods used in Liquid Penetrant Inspection. Specially formulated to exhibit brilliant white back ground to enhance the visibility of indications.

ZChek-DL is listed on the QPL SAE AMS 2644.

#### CONFORMANCE / APPROVALS

- AMS 2644
- ASME B & PV Code, Sec V
- ASTM E165
- ASTM E1417
- IS 3658
- ISO 3452-2
- Nuclear Power Corp (Ionic Sulphur & Halogens less than 25 ppm)

#### FEATURES / BENEFITS

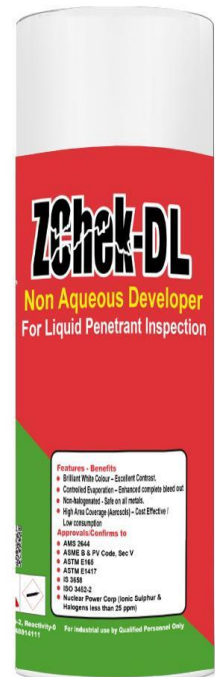
- Brilliant White Color – Excellent Contrast.
- Non-halogenated - Safe on All Metals
- High Area Coverage (Aerosols) – Cost Effective / Low consumption
- Controlled Evaporation – Enhanced Complete Bleed Out

#### APPLICATIONS

Liquid penetrant inspection for welding defects in fabrication – pressure vessels and defects in castings, forgings, railways, power plants, oil & gas, maintenance etc.

#### TYPICAL PROPERTIES

Density	0.865 g/cc
Coating	White, Opaque Film
Flash point	-16 °C
Sulphur content	0.1 %
Chlorine content	0.1 %



## DIRECTIONS FOR USE

- Shake well before use.
- Apply ZChek-DL using aerosol or conventional or electrostatic spray gun.
- Allow enough developing time
- Follow ASTM E1417 for the further process

## PACK SIZES

- Aerosol cans of 520ml 12 cans in one carton box – Part #111601
- Bulk – 1 Litre x 8 cans in one carton box – Part #111602

## HEALTH & SAFETY

Information on Health & Safety is made available through material safety data sheets & the same can be reviewed through the company's website [www.zchem.in](http://www.zchem.in).

## STORAGE & SHELF LIFE

Aerosol cans have a shelf life of 3 years and the bulk packing of 5 years, if unopened & stored as per ZChem recommendations.

## Registered Office and Factory

### ZChem Specialities Pvt. Ltd.

Sy,No.11/2/6, Puradapalya Village, Tavarekere Hobli, Bangalore – 562130, India

Phone +917349177755 & +917349277755 Email - [info@zchem.in](mailto:info@zchem.in), Website - [www.zchem.in](http://www.zchem.in)

## Branch Office:

### ZChemSpecialities BFC

BLB-S5-384, Ajman Media City, Ajman, UAE

Email - [info@zchem.in](mailto:info@zchem.in), Website - [www.zchem.in](http://www.zchem.in)



Disclaimer: We have taken best care to ensure that the information provided in this data sheet is accurate. Our product is guaranteed to conform to the specifications provided. We make no other warranty; hence the liability is limited to replacement of product only.