

TECHNICAL DATA SHEET

CalCheck™ R-2S Cleaner / Remover

Code 1563

DESCRIPTION

CalCheck™ R-2S is a non-halogenated Cleaner/Remover designed to remove excess penetrant from the test surface during the penetrant process and is used to clean the test area before and after inspection. CalCheck™ R-2S can also be used for cleaning of oily, dirty surfaces, and complies with low sulfur and low halogen requirements. CalCheck™ R-2S is the second step in a simple three step process along with CalCheck™ VP-2S Solvent Removable Penetrant and CalCheck™ D-2S Developer

FEATURES & BENEFITS

- Removes excess penetrant with ease without removing dye from discontinuities.
- Evaporates completely and rapidly, making it ideal for use as a pre and post cleaner for the penetrant inspection process.
- Meets stringent low sulfur and chloride requirements and leaves no residue.
- Greater convenience and portability in aerosol form.

DIRECTIONS

Note: These instructions describe the basic process, but they may need to be amended by the user to comply with applicable specifications and/or inspection criteria provided by the contracting agency.

CalCheck™ R-2S Cleaner/Remover is used for both precleaning and penetrant removal in the process below:

1. SHAKE the aerosol can thoroughly to ensure the contents are consistently mixed.
2. CLEAR the nozzle of the aerosol can before use by depressing the nozzle and position the can around 20cm from the surface of the test area. Note that the ambient temperature and wind (if using outdoors) will require this distance to be changed for optimum performance.
3. PREPARE the test area by cleaning the surface with Cleaner/Remover such as CalCheck™ R-2S. Allow 30 seconds dwell time before wiping CalCheck™ R-2S Cleaner/Remover from the surface with a clean, dry, lint-free rag or towel.
4. APPLY a thin even film of CalCheck™ VP-2S penetrant to the test area. Allow 5-30 minutes dwell time based on any defined procedure requirement.
5. REMOVE excess penetrant from the test area using a lint-free cloth moistened with CalCheck™ R-2S Cleaner/Remover and allow to dry.
6. DEVELOP by spraying CalCheck™ D-2 developer directly on to the test area. Allow 10-30 minutes development time based on any defined procedure requirement.



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7. INSPECT the test area for discontinuities under suitable visible lighting.
8. REMOVE all penetrant from the test area by cleaning with CalCheck™ R-2S cleaner/remover.

PHYSICAL PROPERTIES

Colour:	Colourless
Odour:	Low / Characteristic of petroleum distillate
Density:	0.72 g/ml
Viscosity @38oC:	0.70 cSt
Flash Point:	6°C

ORDERING INFORMATION

Product Code	Packaging
1563/400	400ml (Aerosol)

SPECIFICATION COMPLIANCE

- ASME BPVC Section V
- ASTM E165
- AMS2644

DANGER

Extremely flammable aerosol. Pressurized container: may burst if heated. May be fatal if swallowed and enters airways. May cause drowsiness and dizziness.

PRECAUTION

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Avoid breathing gas. Wear eye protection/protective gloves.

FIRST AID

IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician/first aider. IF exposed or concerned; Get medical advice/attention.

STORAGE

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122 °F.

DISPOSAL

Dispose of contents/container in accordance with any local regulation.

SHELF LIFE

60 months (5 years) from date of manufacture.

BATCH NUMBERS

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Batch numbers can be found on the bottom of aerosol cans or labels of bulk containers. Certificate of Conformance documents are provided with the product or can be download from www.callington.com

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