welding chemicals inc.

OXYGEN APPROVED LEAK DETECTORS

TECHNICAL DATA SHEET

APPLICATION

LDREG is a regular temperature (+27°F / - 3°C), oxygen compatible leak detection compound intended for use in high and low pressure systems. For mid temperature applications (-10°F / -23°C) use LDMID Mid Temp. For low temperature applications (-65°F / -54°C) use LDLOW Low Temp leak detection compound.

LDREG TYPE I LEAK DETECTOR - REGULAR TEMPERATURE

FEATURES / BENEFITS

Ready to use formula saves time and money. The 8 oz. bottle comes complete with pull out 12" extension tube inside of each bottle. Allows for direct application of product, protects expensive equipment being tested, does not leave messy residue that can attract dirt, or lead to later leak blockages. Also available in larger containers for bulk savings, along with pour spouts and drum pumps for ease of use from larger containers.

COMPOSITION / PACKAGING

Liquid product, free from sediment and suspended matter, that is miscible with water in all proportions. Product does not contain mineral oil, vegetable oil, animal oil or fats. Does not contain materials that will ignite or explode when in contact with liquid or gaseous oxygen. Does not contain materials that will act as primary skin irritants, skin sensitizers or produce any other dermatosis. Does not contain ketones, aldehydes, or alcohols as components in the formulation.

WCI ITEM	BARCODE	CONTAINER TYPE	QUANTITY	NET FILL
LDREG-8OZ	81004830-030	round cylinder	12 bottles per carton	8 oz.
LDREG-1GRJ	81004830-031	round jug	4 jugs per carton	1 gallon
LDREG-5GC	81004830-032	carboy	per carboy	5 gallons
LDREG-55GPD	81004830-033	plastic drum	per drum	55 gallons

STANDARDS / SPECIFICATIONS / TYPICAL ANALYSIS

TEST	METHOD	RESULTS / LIMITS
Foreign Matter	MIL-PRF-25567E (sec 4.2.2.1)	Clear & free from suspended matter/sediment
Odor	ASTM D1292	No objectionable odor
pH Value	MIL-PRF-25567E (sec 4.2.2.3)	7.0 (+/-0.5) neutral range
Nonflammability	ASTM D92	Nonflammable
Leak Detection Verification	MIL-PRF-25567E (sec 4.2.2.5)	Immediate foaming is observed
Foaming Ability	ASTM D1173	Initial > 145.0 mm Final > 130.0 mm
Freezing Point	ASTM D1177	+27°F / -3°C
Residue	MIL-PRF-25567E (sec 4.2.2.8)	Less than 0.50 percent by weight
Corrosiveness	MIL-PRF-25567E (sec 4.2.2.9)	No corrosion on test panels
Compatibility with Oxygen	MIL-PRF-25567E (sec 4.2.2.10)	Pass
Mold Growth	MIL-PRF-25567E (sec 4.2.2.11)	Pass
Sulphur	ASTM D-129 / D-516 (B)	< 00.50 ug/gram
Fluoride	ASTM D-808 / D-1179 (B)	< 00.50 ug/gram
Chloride	ASTM D-808 / D-512 (C)	< 75.00 ug/gram
Stress Crack Corrosion on Brass Alloys	ASTM G186	No Stress Crack Corrosion

SHELF LIFE

Five years from date of manufacture. Lot number is in human readable form (YYYYMM####), with the last four digits being the batch number within a given month.

SDS

To request a copy of the Safety Data Sheet for this product, e-mail sds@weldingchemicalsinc.com.

Welding Chemicals Inc.
2236 Liberty Drive, Niagara Falls, NY 14304 Contact: 716 402 6906
For further information visit www.weldingchemicalsinc.com

For a copy of the Certificate of Compliance / Certificate of Analysis for this product, please email qc@weldingchemicalsinc.com with the product item number, and lot number.

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