UN-DESIGN CERTIFICATION/ PERIODIC RETEST
File Number # 147-26
Original File# 44-98

This is to certify that the packaging: **015C-00UC1**

TYPE: **15 Gallon Commodity** **PACKING GROUP II**

Drum Description								
Product Description			**Height**	**Diameter**	**Product Weight (kg)**			
15 Gallon Commodity			*min.(± 6mm)*	*max.(± 6mm)*				
Wall Thickness			**655**	**366**	Total Product Weight		**2.94**	
average	*min.*	*max.*			Body	**2.90**	Handle/Pin	**N/A**
3.0	**1.8**	**5.0**			Plugs	**0.04**	Ring	**N/A**
Closure Part #			**Gasket Part #**	**Gasket Composition**		**Torque (ft.lbs.)**		
Plug 1	**L16-WL(81630002)**		**81400014**	EPDM		25	2" NPS HDPE Plug	
Plug 2	**C34-AD (81630022)**		**C31EP-AD**	EPDM		6	3/4" NPT HDPE Plug	
Process - Blow Molding								
Resin Specifications								
Resin			**Part #**	**HLMI**			**Density**	
				Value	*Range*		*Value*	*Range*
High Density Polyethylene (HDPE)			80100001	N/A	4.5 - 6.5		N/A	0.952 - 0.956

UN CODE: **1H1** **UN MARKING:** **1H1/Y1.9/100/YR/USA/MXXXX**

Manufacturer MAUSER Packaging Solutions:

M4232 Addison M4235 Woodlands **M4602 Rancho Cucamonga**

M4895-East Brunswick M5123 Charlotte

Product Image



Tested to the following: 49 CFR § 178.601(c)(2)

DROP TEST: (§178.603) From a height of **1.9 m (6.2 ft)** with six 6* samples at -18°C.
Test Liquid: 50% aqueous Propylene Glycol s.g. 1.05 ±0.02. Test Solid: sodium bicarbonate <0.05 mm+ HDPE < 3mm
*3 samples dropped on weakest diagonal orientation and 3 samples flat dropped along the parting seam
RESULTS: **PASS**

LEAK TEST: (§178.604)(d) Packaging **group II** test pressure **20 kPa** for 5 min on 3 samples
RESULTS: **PASS**

HYDROSTATIC TEST: (§178.605) Using a pressure of > **100 kPa (14.50 psi)** for 30 minutes on 3 samples
RESULTS: **PASS**

STACK TEST: (§178.606) (c)(2)(ii) Applied a preload of 50 lbs. Compression speed of 0.5 ± 0.25 inches per minute.

RESULTS: **PASS** DOT min. **633 kg** Force Applied

Sample #	Applied load (kg)	Deflection (in)
10	681	0.460
11	681	0.480
12	681	0.580

VIBRATION TEST: (§178.608) Simulated transport vibration for 1 hour on 3 samples at **N/A**
RESULTS: **N/A** Capable of passing vibration test as outlined in §178.608

CAPACITY: **61** Liters
OVERFLOW: **62** Liters

TIP OVER TEST (OH): N/A

Signature	Date
Tatiana Smoleeva	2/16/2026
Title	Director, Regulatory & Testing

EXPIRATION DATE: **2/16/2027**

Test Facility: M4895 – Mauser Packaging Solutions, 35 Cotters Lane East Brunswick NJ 08816
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