

SPOTLEAK®1007

TBM-MES BLEND

MAIN PROPERTIES

SPECIFICATIONS	VALUES
Appearance	Clear liquid
Colour (APHA)	≤ 35
Cloud Point	≤ -50 °F (-45.5°C)
Composition (GC) wt %	
T-Butyl Mercaptan (TBM)	78.0 - 81.0
Methyl Ethyl Sulfide (MES)	≥ 18.0

The above commercial specifications are guaranteed; they were established using the test methods which were in force at the plant at the time of dispatch of the product, and are in accordance with any applicable revision references.

USES

Spotleak®1007 is used for natural gas odorization. It has a very high odor impact. This product complies with ISO13734, 49 CFR § 192.625 and CSA Z662.

PACKAGING

Spotleak®1007 can be delivered in various packaging.

Drums	:	57 Gals loaded with 352.4 lbs - 4 drums on pallet
Returnable Cylinders	:	120 Gals loaded with 700 lbs
	:	57 Gals loaded with 330 lbs
	:	5 Gals loaded with 29 lbs
Tank trucks	:	from 250 to 6,000 Gals

PHYSICAL DATA

Specific Gravity at 60 °F (15.5 °C)	:	0.814
Average Weight, Pounds Per Gallon at 60 °F (15.5 °C)	:	6.79
Flash point (Tag Closed Cup)	:	< 0 °F (-17.78 °C)
Vapor pressure at 100 °F (38 °C)	:	5.7 psia
Coefficient of Cubical Expansion /°C	:	0.00129 /°C (0.000717 /°F)

CUSTOMER SERVICE

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DENSITY TABLES

In lbs/gal in function of °F

T (°F)	2	4	6	8	10	12	14	16	18	20
Avg Wt (lbs/gal)	7.08	7.07	7.06	7.05	7.04	7.03	7.02	7.01	7.00	6.99
T (°F)	22	24	26	28	30	32	34	36	38	40
Avg Wt (lbs/gal)	6.98	6.97	6.96	6.95	6.94	6.93	6.92	6.91	6.90	6.89
T (°F)	42	44	46	48	50	52	54	56	58	60
Avg Wt (lbs/gal)	6.88	6.87	6.86	6.85	6.84	6.83	6.82	6.81	6.80	6.79
T (°F)	62	64	66	68	70	72	74	76	78	80
Avg Wt (lbs/gal)	6.78	6.77	6.76	6.75	6.74	6.73	6.72	6.71	6.70	6.69
T (°F)	82	84	86	88	90	92	94	96	98	100
Avg Wt (lbs/gal)	6.68	6.68	6.67	6.66	6.65	6.64	6.63	6.62	6.61	6.60

In kg/l in function of °C

T (°F)	-17	-16	-14	-13	-12	-11	-10	-9	-8	-7
Avg Wt (lbs/gal)	0.848	0.847	0.846	0.845	0.844	0.842	0.841	0.840	0.839	0.838
T (°F)	-6	-4	-3	-2	-1	0	1	2	3	4
Avg Wt (lbs/gal)	0.836	0.835	0.834	0.833	0.832	0.830	0.829	0.828	0.827	0.826
T (°F)	6	7	8	9	10	11	12	13	14	16
Avg Wt (lbs/gal)	0.824	0.823	0.822	0.821	0.820	0.818	0.817	0.816	0.815	0.814
T (°F)	17	18	19	20	21	22	23	24	26	27
Avg Wt (lbs/gal)	0.812	0.811	0.810	0.809	0.808	0.806	0.805	0.804	0.803	0.802
T (°F)	28	29	30	31	32	33	34	36	37	38
Avg Wt (lbs/gal)	0.800	0.800	0.799	0.798	0.797	0.796	0.794	0.793	0.792	0.791

STORAGE / SAFETY / PRECAUTIONS DURING USE / HANDLING

BEFORE HANDLING THIS MATERIAL, READ AND UNDERSTAND THE SAFETY DATA SHEET FOR ADDITIONAL INFORMATION ON PERSONAL PROTECTIVE EQUIPMENT AND FOR SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION.

Product Code: 001007

Safety Data Sheet updated: May 5, 2015

Version: 2

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