

SPOTLEAK®1039

TBM-THT 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)	48.0 - 51.0
Tetrahydrothiophene (THT)	48.0 - 51.0

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®1039 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®1039 can be delivered in various packaging.

Returnable Cylinders	:	120 Gals loaded with 780 lbs
	:	57 Gals loaded with 370 lbs
	:	5 Gals loaded with 32 lbs
Tank trucks	:	from 250 to 6,000 Gals

PHYSICAL DATA

Specific Gravity at 60 °F (15.5 °C)	:	0.812
Average Weight, Pounds Per Gallon at 60 °F (15.5 °C)	:	7.46
Flash point (Tag Closed Cup)	:	< 0.01 °F (-17.77 °C)
Vapor pressure at 100 °F (38 °C)	:	6.6 psia
Coefficient of Cubical Expansion /°C	:	0.00118 /°C (0.00065 /°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)	7.73	7.72	7.71	7.70	7.69	7.68	7.67	7.66	7.65	7.64
T (°F)	22	24	26	28	30	32	34	36	38	40
Avg Wt (lbs/gal)	7.63	7.62	7.61	7.60	7.60	7.59	7.58	7.57	7.56	7.55
T (°F)	42	44	46	48	50	52	54	56	58	60
Avg Wt (lbs/gal)	7.54	7.53	7.52	7.51	7.50	7.49	7.48	7.47	7.47	7.46
T (°F)	62	64	66	68	70	72	74	76	78	80
Avg Wt (lbs/gal)	7.45	7.44	7.43	7.42	7.41	7.40	7.39	7.38	7.37	7.36
T (°F)	82	84	86	88	90	92	94	96	98	100
Avg Wt (lbs/gal)	7.35	7.34	7.34	7.33	7.32	7.31	7.30	7.29	7.28	7.27

In kg/l in function of °C

T (°C)	-17	-16	-14	-13	-12	-11	-10	-9	-8	-7
Avg Wt (kg/l)	0.926	0.925	0.923	0.922	0.921	0.920	0.919	0.918	0.917	0.916
T (°C)	-6	-4	-3	-2	-1	0	1	2	3	4
Avg Wt (kg/l)	0.915	0.913	0.912	0.911	0.910	0.909	0.908	0.907	0.906	0.896
T (°C)	6	7	8	9	10	11	12	13	14	16
Avg Wt (kg/l)	0.905	0.903	0.902	0.901	0.900	0.899	0.898	0.897	0.895	0.893
T (°C)	17	18	19	20	21	22	23	24	26	27
Avg Wt (kg/l)	0.892	0.891	0.890	0.889	0.888	0.887	0.886	0.885	0.883	0.882
T (°C)	28	29	30	31	32	33	34	36	37	38
Avg Wt (kg/l)	0.881	0.880	0.879	0.878	0.877	0.876	0.875	0.873	0.872	0.871

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: 001039

Safety Data Sheet updated: October 7, 2016

Version : 4

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