

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
May 15, 2025

15 00 [1355]

PRODUCT NUMBER

MLCPS5

PRODUCT NAME

PS5 PU Slow Retarder

MANUFACTURER'S NAME

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Cleveland, OH 44115

This document includes all data required by 40 CFR 63.801(a) for a Certified Product Data Sheet under criteria specified in 40 CFR 63.805(a). All data given below are MAXIMUM THEORETICAL VALUES based on the product AS CURRENTLY FORMULATED and rely on information provided to us by our raw material suppliers. Our suppliers often provide an estimated value or range less than a certain upper limit. We calculate MAXIMUM THEORETICAL VALUES using defined values, if provided, or the upper limit reported by our supplier. Additionally, the suppliers' information may include amounts present in the product as unintentional byproducts or impurities. Variations may occur in individual batches due to adjustments made during production.

Hazard Category (for SARA 311.312)

MLCPS5 = | Acute | Chronic | Fire |

Product Weight

7.29 lb/gal

Specific Gravity

0.88

FLASH POINT

97 °F SETA

Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Methyl n-Propyl Ketone 107-87-9	N	N	N	N	7	8
Methyl n-Amyl Ketone 110-43-0	N	N	N	N	34	37
Ethyl 3-Ethoxypropionate 763-69-9	N	N	N	N	14	13
n-Butyl Acetate 123-86-4	N	Y	N	N	13	12
2-Butoxyethyl Acetate 112-07-2	N	N	Y - Glycol Ethers (SARA)	Y - Glycol Ethers (HAPS)	30	28

Regulated Compounds

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Glycol Ethers (SARA)	N	N	Y	N	30	
Glycol Ethers (HAPS)	N	N	N	Y	30	

Volatile Organic Compounds - U.S. EPA / Canada

	MLCPS5	
	LB/Gal	g/L
Coating Density	7.29	873
	By wt	By vol
Total Volatiles	98.5%	98.6%
Federally exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	98.5%	98.6%
Percent Non-Volatile	1.5%	1.4%
VOC Content	LB/Gal	g/L
Total	7.17	859
Less exempt solvents	7.17	859
Of solids	> 99.99	> 11,983
Of solids	65.25 lb/lb	65.25 kg/kg
	By wt	
By wt LVP-VOC	98.5%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **2.30**

Volatile Organic Compounds - California

	MLCPS5	
	LB/Gal	g/L
Coating Density	7.29	873
	By wt	By vol
Total Volatiles	98.5%	98.6%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	98.5%	98.6%
Percent Non-Volatile	1.5%	1.4%
VOC Content	LB/Gal	g/L
Total	7.17	859
Less exempt solvents	7.17	859
Of solids	> 99.99	> 11,983
Of solids	65.25 lb/lb	65.25 kg/kg
	By wt	
By wt LVP-VOC	98.5%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **2.11**

Volatile Organic Compounds - South Coast Air Quality Management District, California, US

	MLCPS5	
	LB/Gal	g/L
Coating Density	7.29	873
	By wt	By vol
Total Volatiles	98.5%	98.6%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	98.5%	98.6%
Percent Non-Volatile	1.5%	1.4%
VOC Content	LB/Gal	g/L
Total	7.17	859
Less exempt solvents	7.17	859
Of solids	> 99.99	> 11,983
Of solids	65.25 lb/lb	65.25 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	MLCPS5	
	By wt	By vol
Total Volatiles	100.0%	100.0%
VOC Content	LB/Gal	g/L
Total	7.28	873

Volatile Organic Compounds - EU Directive 2010/75/EU

	MLCPS5	
	By wt	By vol
Total Volatiles	98.5%	98.6%
VOC Content	LB/Gal	g/L
Total	7.17	859

Volatile Organic Compounds - Mexico

	MLCPS5	
	LB/Gal	g/L
Coating Density	7.29	873
	By wt	By vol
Total Volatiles	98.5%	98.6%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	98.5%	98.6%
Percent Non-Volatile	1.5%	1.4%
VOC Content	LB/Gal	g/L
Total	7.17	859
Less exempt solvents	7.17	859
Of solids	> 99.99	> 11,983
Of solids	65.25 lb/lb	65.25 kg/kg

Hazardous Air Pollutants (Clean Air Act, Section 112(b))

	MLCPS5	
	LB/Gal	kg/L
Volatile HAPS	2.19	0.263
Of solids	> 99.99	> 11.983
Of solids	19.99 lb/lb	19.99 kg/kg

Air Quality Data**Density of Organic Solvent Blend**

7.28 lb/gal

Photochemically Reactive

No

Waste Disposal

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

The addition of any material to this product can change the composition, hazards and risks of the product and may substantially alter the above data. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.