

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

12 00 [2403]

Date of Preparation
Aug 28, 2023

PRODUCT NUMBER

MLCPS5

PRODUCT NAME

PS5 PU Slow Retarder

MANUFACTURER'S NAME

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101 W. Prospect Avenue
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. Variations may occur on 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 Isobutyl Ketone 108-10-1 | N | Y | Y | Y | 0.4 | < 1 |
| 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 | > 99.99 lb/lb | > 11,983 kg/kg |
| | By wt | |
| By wt LVP-VOC | 98.5% | |

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **2.31**

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 | > 99.99 lb/lb | > 11,983 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 | > 99.99 lb/lb | > 11,983 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 | > 99.99 lb/lb | > 11,983 kg/kg |

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

| | MLCPS5 | |
|---------------|-------------|-------------|
| | LB/Gal | kg/L |
| Volatile HAPS | 2.22 | 0.267 |
| Of solids | > 99.99 | > 11.983 |
| Of solids | 20.27 lb/lb | 20.27 kg/kg |

Air Quality Data

Density of Organic Solvent Blend

7.28 lb/gal

Photochemically Reactive

No

Additional Regulatory Information

US EPA TSCA:

Not Applicable

Relevant identified uses of the substance or mixture and uses advised against:

Not Applicable

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.

Addition of reducers or other additives to this product 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.