



AGS ORGANICS PVT. LTD.

Mfg & Expt of Organics, Inorganic & Emulsion Pigments

PIGMENT YELLOW 74

Technical Data Sheet

Product Description

| | | | |
|-------------------|---|------------------|-----------------------------|
| CI Generic Name | Pigment Yellow 74 | Ags Product Code | ASSUPERYELLOW PA1160 |
| CI No. | 11741 | CAS No. | 6358-31-2 |
| EINECS No. | 228-768-4 | Chemical Type | Monoazo Yellow |
| Molecular Formula | C18H18N4O6 | Molecular Weight | 386 |
| Chemical Name | Butanamide, 2-[[2-methoxy-4-nitrophenyl]azo]-N-(2-methoxyphenyl)-3-oxo | | |

Physical Properties

| | | | |
|-------------------------|-----------------|----------------------|---|
| Sieve Residue (PPM) | 1000 Max | Oder | Odorless |
| Oil Absorption (ml/gms) | 45-60 | Melting point/range | 275-293°C |
| Bulk Density (ml/gms) | 25-40 | Flash Piont | Not Applicable |
| Salt Content | 1.0% Max | Flammability | Non-flammable |
| Moisture Content | 1.0% Max | Ignition Temperature | Not Applicable |
| PH Value | 5.5-7.6 | Danger of explosion | Not explosive. Dust can form an explosive mixture with air |
| Form | Powder | Solubility in water | Insouluble |
| Color | Yellow | Vapour Pressure | Not Applicable |

Fastness Properties & Solvent Properties

| | | | |
|------------------|------------------------------|---------------------|------------|
| Heat Resistance | 200°C | Xylene | 3 |
| Light Fastness | Mass: 7-8 Tint: 7 | Ethyl Acetate | 2-3 |
| Weather Fastness | Mass: 6 Tint: | Methyl Ethyl Ketone | 3 |
| Over spray | 4-5 | Mineral Spirit | 4 |
| Water | 5 | Acid | 5 |
| Enthanol | 4 | Alkali | 5 |

Application

| | |
|--------------------------|----|
| Automotive Paint | * |
| General Industrial Paint | * |
| Decorative Paint | * |
| Powder Coating | ** |

Specification (Rules)

| | | |
|----------------------------|---------------------------------------|---|
| Colorist Properties | Strength: $\pm 5\%$ | DA, DB, DE, DC, DH, DL: $\leq \pm 1.00$ |
| Light fastness | Scale 1-8 | 1=Poor & 8=Excellent |
| Weather Fastness | Scale 1-5 | 1=Poor & 5=Excellent |
| Overspray | Scale 1-5 | 1=Poor & 5=Excellent |
| Solvent Fastness | Scale 1-5 | 1=Poor & 5=Excellent |

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