



# AGS ORGANICS PVT. LTD.

Mfg & Expt of Organics, Inorganic & Emulsion Pigments

## PIGMENT YELLOW 3

### Technical Data Sheet

#### Product Description

CI Generic Name	<b>Pigment Yellow 3</b>	Ags Product Code	<b>AGSSUPERYELLOW IN108</b>
CI No.	<b>11710</b>	CAS No.	<b>6486-23-3</b>
EINECS No.	<b>229-355-1</b>	Chemical Type	<b>Monoazo Yellow</b>
Molecular Formula	<b>C16H12CL2N4O4</b>	Molecular Weight	<b>395</b>
Chemical Name	<b>Butanamide, 2-[[4-Chloro-2-nitrophenyl]azo]-n-(2-chlorophenyl)-3-oxo</b>		

#### Physical Properties

Sieve Residue (PPM)	<b>1000 Max</b>	Oder	<b>Odorless</b>
Oil Absorption (ml/gms)	<b>35-55</b>	Melting point/range	<b>254-258°C</b>
Bulk Density (ml/gms)	<b>20-40</b>	Flash Piont	<b>Not Applicable</b>
Salt Content	<b>1.0% Max</b>	Flammability	<b>Non-flammable</b>
Moisture Content	<b>1.0% Max</b>	Ignition Temperature	<b>Not Applicable</b>
PH Value	<b>6.0-7.5</b>	Danger of explosion	<b>Not explosive. Dust can form an explosive mixture with air</b>
Form	<b>Powder</b>	Solubility in water	<b>Insouluble</b>
Color	<b>Yellow</b>	Vapour Pressure	<b>Not Applicable</b>

#### Fastness Properties & Solvent Properties

Heat Resistance	<b>140°C</b>	Xylene	<b>2</b>
Light Fastness	<b>Mass: 7-8 Tint: 7-8</b>	Ethyl Acetate	<b>3</b>
Weather Fastness	<b>Mass: 4-5    Tint: 4</b>	Methyl Ethyl Ketone	<b>2</b>
Over spray	<b>-</b>	Mineral Spirit	<b>3</b>
Water	<b>5</b>	Acid	<b>5</b>
Enthanol	<b>2</b>	Alkali	<b>5</b>

#### Application

Offset / Printing Ink	*
NC Lacquer / PA	-
Gravure Ink	*
Polyamide Ink	-
Flexo Ink / Vinyl Ink	*

#### Specification (Rules)

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

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