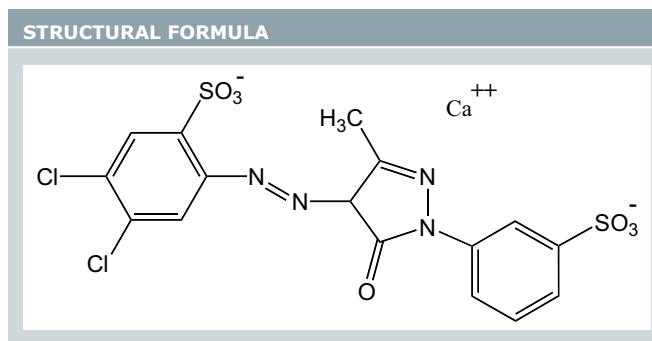


| PRODUCT DESCRIPTION |      |                    |
|---------------------|------|--------------------|
| Color Index         |      | Pigment Yellow 183 |
| C.I. No.            |      | 18792              |
| Chemical Type       |      | Monoazo Yellow, Ca |
| CAS No.             |      | 65212-77-3         |
| Hue Angle [1/3 SD]  | 77.1 | DIN 5033           |



| PHYSICAL DATA                        |               |                   |
|--------------------------------------|---------------|-------------------|
| Appearance                           | yellow powder |                   |
| Density [g/cm <sup>3</sup> ]         | 1.8           | DIN EN ISO 787-10 |
| Bulk Volume [l/kg]                   | 3.5           | DIN EN ISO 787-11 |
| Specific Surface [m <sup>2</sup> /g] | 22            | DIN 66132         |



| FASTNESS PROPERTIES           |     |                      |
|-------------------------------|-----|----------------------|
| Acid                          | 5   | DIN EN ISO 20105-A02 |
| Alkali                        | 5   | DIN EN ISO 20105-A02 |
| Migration                     | 5   | DIN EN 14469-4       |
| Light Fastness [1/3 SD]       | 7   | DIN EN ISO 105-B01   |
| Heat Resistance [°C] [1/3 SD] | 320 | DIN EN 12877-2       |
| Warping in HDPE               | low | DIN EN ISO 294-4     |

| REGULATIONS                                   |              |
|---|--------------|
| Germany BfR recom. IX                         | compliant    |
| AP 89/1                                       | compliant    |
| USA (FDA) 21 CFR § 178.3297                   | listed       |
| Toys Europe EN 71-3:2013                      | upon request |
| Toys USA ASTM F 963-03                        | compliant    |
| CONEG, EC 94/62                               | compliant    |
| ROHS, 2002/95/E, 2005/618/EC                  | compliant    |
| End of Life Vehicles, 2000/53/EC, 2002/525/EC | compliant    |

| APPLICATION PROFILE |               |
|---------------------|---------------|
| PVC                 | recommended   |
| Polyolefins         | recommended   |
| PS                  | recommended   |
| ABS                 | recommended   |
| PA                  | -             |
| PC                  | potential use |
| Powder Coatings     | recommended   |

| STANDARD PACKAGING                                    |
|---|
| 20kg Cardboard Boxes                                  |
| Different types of packaging are available on request |

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