

## Safety Data Sheet

109405/05

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<p><b>1. Identification of the substance/preparation and the company</b></p> <p><b>MACROLEX Yellow 6G dry</b></p> <p>Application: Colorant for plastics</p> <p>LANXESS Deutschland GmbH, TS-HSEQ DM&amp;I 51369 Leverkusen, Germany, Telephone: +49 214 30 65109 In case of emergency: Germany: +49 214 30 99300 (Sicherheitszentrale Bayer) United Kingdom: +44 1635 563000 (Bayer UK Ltd., Newbury)</p>
<p><b>2. Composition/information on ingredients</b></p> <p>C.I. Disperse Yellow 201 methine dyestuff</p>
<p><b>3. Hazards identification</b></p> <p>Hazard warning not required.</p>
<p><b>4. First-aid measures</b></p> <p>Upon inhalation of aerosol/vapour/dust: Take the patient into the fresh air; if there is difficulty in breathing, medical advice is required.</p> <p>Skin contact: Cleansing with plenty of water, soap or other non-irritating cleansing agents.</p> <p>Eye contact: Contamination of the eyes must be treated by thorough irrigation with water, with the eyelids held open. Eventually a doctor (or eye specialist) should be consulted.</p> <p>After swallowing: If product is swallowed, make the patient drink water. Wash out mouth repeatedly. If the patient feels unwell, seek medical advice.</p>
<p><b>5. Fire-fighting measures</b></p> <p>Extinguishing media: CO<sub>2</sub>, foam, dry powder; in cases of larger fires, water spray should be used.</p> <p>Firemen have to wear self-contained breathing apparatus.</p>
<p><b>6. Accidental release measures</b></p> <p>Take up mechanically; avoid dust formation. For further disposal measures see chapter 13.</p>
<p><b>7. Handling and storage</b></p> <p>Keep container dry and tightly closed in a cool and well ventilated place.</p> <p>Observe the usual precautionary measures required for chemicals with dust-explosive properties. Observe national regulations.</p> <p>Take precautionary measures against static discharges.</p> <p style="text-align: right;">(to be continued)</p>

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<b>7. Handling and storage</b> (Continuation) VCI storage class: 11  Storage period 24 months.
<b>8. Exposure controls/Personal protection</b> Eye protection: goggle. Hand protection: Wear suitable protective gloves (e.g. Nitrile rubber - NBR, Polyvinyl chloride - PVC ). After contamination with product change the gloves immediately and remove them according to relevant national and local regulations  Keep away from food and drink stuffs. Do not eat, drink or smoke at work. Remove all contaminated clothing immediately. Wash hands before breaks and at end of work and use skin-protecting ointment.
<b>9. Physical and chemical properties</b> tested in accordance with Form: solid Colour: yellow Odour: odourless Melting point: approx. 115 °C Solubility in water: insoluble pH value: 5,0-7,0 at 100 g/l water Combustibility: Combustion class 2
<b>10. Stability and reactivity</b> Thermal decomposition: No thermal decomposition when stored and handled correctly.  Hazardous reactions: In the case of dusty organic products the possibility of a dust explosion should always be considered.
<b>11. Toxicological information</b> Acute toxicity: LD <sub>50</sub> oral, rat: > 5000 mg/kg  Skin and mucous membrane compatibility, rabbit: Skin - non-irritant Eyes - non-irritant
<b>12. Ecological information</b> As the product is practically insoluble in water, it is separated in almost any filtration and sedimentation process.  Acute bacterial toxicity: EC <sub>50</sub> = > 10000 mg/l (OECD Guideline for Testing of Chemicals, No. 209)  Toxicity for Daphnia: EC <sub>0</sub> : above 10 000 mg/l Test species: Daphnia magna Duration of test: 48 h  (to be continued)

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**MACROLEX Yellow 6G dry****12. Ecological information** (Continuation)

Water pollution class (WGK): 1 - slightly hazardous to water

WGK = Classification in accordance with the German Water Resources Act

Product does not add to the AOX-value of the sewage. (DIN EN 1485)

The product does not contain heavy metals in concentrations of concern for waste water.

The product does not release nitrogen which can contribute to eutrophication.

The product does not contain phosphates or organophosphorus compounds.

**13. Disposal considerations**

If utilisation or recycling of the product is not possible, it should be disposed of according to the local regulations and laws, e.g. by incineration in a suitable plant.

Contaminated, empty containers are to be treated in the same way as the contents.

For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used. It is among the tasks of the polluter to assign the waste to waste codes specific to industrial sectors and processes according to the European Waste Catalogue.

**14. Transport information**

GGVSE: -- UN: NODG PG: --

RID/ADR: -- UN: NODG PG: --

ADNR: -- UN: NODG PG: --

GGVSee/IMDG Code: -- UN: NODG PG: -- MPO: NO

ICAO-TI/IATA-DGR: -- UN: NRES PG: --

Declaration for land shipment: --

Declaration for sea shipment: --

Declaration for shipment by air: --

Other information:

Not dangerous cargo. Keep separated from foodstuffs.

**15. Regulatory information**

No labelling is required in accordance with the EEC directives.

**16. Other information**

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The above details do not imply any guarantee concerning composition, properties or performance.