

# Safety Data Sheet

according to 29 CFR 1910.1200



**Sirius Yellow K-GRL**

**CBBN30**

000000090948

Version 1.4 / USA / EN Revision Date: 05/26/2015

replaces version: 1.3 on 06/13/2012

generated on: 10/21/2003

Page 1/11

---

## SECTION 1: Identification of the substance/preparation and company

### 1.1 Product identifier

**Sirius Yellow K-GRL**

**CBBN30**

### 1.2 Relevant Identified uses of the substance or mixture and uses advised against

Use pattern :

Textile dye

### 1.3 Details of the supplier of the safety data sheet

Dystar L.P.

Pine Brook III

9844 Southern Pine Blvd

Charlotte, NC 28273, USA

Telephone no. (800) 439-7827

Telefax no. (704) 561-3098

### 1.4 Emergency telephone number

Emergency telephone number: (800) 424-9300

---

## SECTION 2: Hazard(s) Identification

### 2.1 Classification of the Substance or Mixture

#### Classification of the chemical in accordance with paragraph (d) of §1910.1200

No labelling is required in accordance with GHS directives.

### 2.3 Other hazards

If applicable in this section are given hazards which are not part of the overall classification but can contribute to the hazards which may be associated with the substance or mixture.

# Safety Data Sheet

according to 29 CFR 1910.1200



**Sirius Yellow K-GRL**

**CBBN30**

000000090948

Version 1.4 / USA / EN Revision Date: 05/26/2015

replaces version: 1.3 on 06/13/2012

generated on: 10/21/2003

Page 2/11

not applicable

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

#### Chemical characterization

azo dyestuff preparation

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

General information: Take off immediately all contaminated clothing.

After inhalation: Upon inhalation of aerosol/vapour/dust: Take the patient into the fresh air; if there is difficulty in breathing, medical advice is required.

After contact with skin: Cleansing with plenty of water, soap or other non-irritating cleansing agents.

After contact with eyes: 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.

After ingestion: If the product is swallowed, the patient must at once drink water repeatedly, if possible with the addition of activated carbon. If the patient feels unwell, seek medical advice.

### 4.2 Most important symptoms and effects, both acute and delayed

Please see hazard statements in section 2.2 if given and information in this section if stated.

### 4.3 Indication of any immediate medical attention and special treatment needed

Please see precautionary statements in section 2.2 as well as first aid information in this section if stated.

## SECTION 5: Fire-fighting measures

# Safety Data Sheet

according to 29 CFR 1910.1200



**Sirius Yellow K-GRL**

**CBBN30**

000000090948

Version 1.4 / USA / EN Revision Date: 05/26/2015

replaces version: 1.3 on 06/13/2012

generated on: 10/21/2003

Page 3/11

## 5.1 Extinguishing media

Suitable extinguishing media: Water spray, foam, dry powder.

Extinguishing media that must not be used for safety reasons: CO2

## 5.2 Special hazards arising from the substance or mixture

not determined

## 5.3 Advice for firefighters

Special protective equipment for firefighting: Firemen have to wear self-contained breathing apparatus.

Further information: Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

---

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Avoid formation and deposition of dust.

### 6.2 Environmental precautions

Environmental precautions: Do not empty into drains or waters.

### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up/taking up: Take up spilled product with dust-binding material or suitable vacuum cleaner. Fill into labelled, sealable containers.

### 6.4 Reference to other sections

Additional information: For further disposal measures see chapter 13.

---

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

# Safety Data Sheet

according to 29 CFR 1910.1200



**Sirius Yellow K-GRL**

**CBBN30**

000000090948

Page 4/11

Version 1.4 / USA / EN Revision Date: 05/26/2015

replaces version: 1.3 on 06/13/2012

generated on: 10/21/2003

---

Advice on safe handling: Avoid formation and deposition of dust.  
Keep container tightly closed and dry.

Advice on protection against fire and explosion: Observe the usual precautionary measures required for chemicals with dust-explosive properties. Observe national regulations.

## 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels: Store in original container in a cool, dry place.

In filling operations take precautionary measures against static discharges.

Storage stability:

Storage period: 60 Months

## 7.3 Specific end use(s)

not determined

---

## SECTION 8: Exposure controls/personal protection

### 8.1 Exposure limits

Ingredients with occupational exposure limits to be monitored

### 8.2 Exposure controls

General protective measures: Do not breathe dust. Avoid contact with eyes and skin. Take off immediately all contaminated clothing.

Hygiene measures: Keep away from food and drink stuffs.

Do not eat, drink or smoke at work.

Wash hands before breaks and at end of work and use skin-protecting ointment.

Respiratory protection :

If airborne concentrations pose a health hazard, become irritating, or exceed recommended limits, use a NIOSH approved respirator in accordance with OSHA respiratory protection requirements under 29 CFR 1910.134.

# Safety Data Sheet

according to 29 CFR 1910.1200



## Sirius Yellow K-GRL

## CBBN30

000000090948

Version 1.4 / USA / EN Revision Date: 05/26/2015

replaces version: 1.3 on 06/13/2012

generated on: 10/21/2003

Page 5/11

Hand protection : Wear suitable gloves e.g. of PVC or nitrile rubber. In the event of contamination, change protective gloves immediately.

Eye protection : safety glasses with side protection shield

Body protection : Wear protective clothing.

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

Form :	powder
Colour :	yellow
Odour :	odourless
Boiling point	not determined
Flash point :	Not applicable
Ignition temperature :	not determined
flammability :	not determined
Lower explosion limit :	not determined
Upper explosion limit :	not determined
Vapour pressure :	not determined
Density :	not determined
Solubility in water :	40 g/l (25 °C)
pH value :	9.5 - 10.5 (100 g/l) water

Octanol/water partition coefficient (log not determined  
Pow) :

# Safety Data Sheet

according to 29 CFR 1910.1200



## Sirius Yellow K-GRL

## CBBN30

000000090948

Version 1.4 / USA / EN Revision Date: 05/26/2015

replaces version: 1.3 on 06/13/2012

generated on: 10/21/2003

Page 6/11

Viscosity (dynamic) : not determined

Viscosity (kinematic) : not determined

Viscosity (flow time) : not determined

### 9.2 Other information

Dust explosion class : not determined

Bulk density : 740 - 920 kg/m<sup>3</sup>

Further information (phys.-chem.) not necessary

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

### 10.2 Chemical stability

Thermal decomposition from 350 °C

### 10.3 Possibility of hazardous reactions

Hazardous reactions: Dust explosion potential: not ignitable (modified Hartmann tube, VDI 2263/3673).

Hazardous decomposition products: Not applicable

### 10.4 Conditions to avoid

For avoidable conditions: not necessary

### 10.5 Incompatible materials

For avoidable materials: not necessary

# Safety Data Sheet

according to 29 CFR 1910.1200



**Sirius Yellow K-GRL**

**CBBN30**

000000090948

Version 1.4 / USA / EN Revision Date: 05/26/2015

replaces version: 1.3 on 06/13/2012

generated on: 10/21/2003

Page 7/11

## 10.6 Hazardous decomposition products

Not applicable

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Acute oral toxicity : LD50 > 5,000 mg/kg (rat)

Acute inhalation toxicity : not determined

Acute dermal toxicity : not determined

Irritant effect on skin : non-irritant (rabbit)

Irritant effect on eyes : non-irritant (rabbit eye)

Repeated dose toxicity : not determined

Mutagenicity: not determined

Teratogenicity : not necessary

Carcinogenicity : not necessary

Remarks : Test results of a similarly composed product

### 11.2 Information on toxicological effects

# Safety Data Sheet

according to 29 CFR 1910.1200



## Sirius Yellow K-GRL

## CBBN30

000000090948

Page 8/11

Version 1.4 / USA / EN Revision Date: 05/26/2015

replaces version: 1.3 on 06/13/2012

generated on: 10/21/2003

### Primary route of exposure

Inhalation: Yes

Skin Absorption: No

Ingestion: No

Skin Contact: Yes

Eye Contact: Yes

### Effects of overexposure

There is no toxicological test data available and no information was found in available literature for any adverse acute or chronic health effects associated with overexposure to this product

### Signs and symptoms of overexposure

No additional information available.

### Medical conditions aggravated

None found.

### 11.3 Carcinogen status

IARC: No

NTP: No

OSHA: No

ACGIH: No

CalProp65: No

## SECTION 12: Ecological information

### 12.1 Toxicity

Fish toxicity :

LC50 > 100 mg/l (48 h, Leuciscus idus)

Method : Range Finding Test

Algae toxicity :

not determined

Bacteria toxicity :

1,000 mg/l (Pseudomonas fluorescens)

No inhibitory effects, Test method: Growth inhibition test modified according to G. Bringmann, Gesundheitsingenieur 94, 366-369 (1973)

### 12.2 Persistence and degradability

Physico-chemical eliminability :

not determined



# Safety Data Sheet

according to 29 CFR 1910.1200



## Sirius Yellow K-GRL

## CBBN30

000000090948

Page 9/11

Version 1.4 / USA / EN Revision Date: 05/26/2015

replaces version: 1.3 on 06/13/2012

generated on: 10/21/2003

---

Biodegradability : < 10 %  
Method : evaluated from the components

Behaviour in environmental compartments: not determined

Chemical oxygen demand (COD) : approx. 418 mg/g

Biochemical oxygen demand (BOD5): < 30 mg/g

Remarks: Test results of a similarly composed product

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.

### 12.3 Bioaccumulative potential

not determined

### 12.4 Mobility in soil

not determined

### 12.5 Results of PBT and vPvB assessment

not determined

### 12.6 Other adverse effects

not determined

---

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product: 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.

# Safety Data Sheet

according to 29 CFR 1910.1200



**Sirius Yellow K-GRL**

**CBBN30**

000000090948

Page 10/11

Version 1.4 / USA / EN Revision Date: 05/26/2015

replaces version: 1.3 on 06/13/2012

generated on: 10/21/2003

---

European Waste Catalogue (EWC) code: 040217 Dyestuffs and pigments other than those mentioned in 040216

Uncleaned packaging: Soiled, empty containers are to be treated in the same way as the contents.

---

## SECTION 14: Transport information

### 14.1 Transport classification

#### D.O.T. Information

CFR	Non dangerous goods
IMDG	Non dangerous goods
IATA_C	Non dangerous goods
IATA_P	Non dangerous goods

### 14.2 Special precautions for user

Keep separated from foodstuffs.

### 14.3 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No transport in bulk according to Annex II of MARPOL 73/78 and the IBC code foreseen for this substance or mixture.:

---

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### US Regulations

##### TSCA

The components of this product are listed on the TSCA inventory.

##### Sara 313

This product is not subject to SARA Title III Section 313 reporting requirements under 40 CFR 372..

##### Sara 312

# Safety Data Sheet

according to 29 CFR 1910.1200



**Sirius Yellow K-GRL**

**CBBN30**

000000090948

Page 11/11

Version 1.4 / USA / EN Revision Date: 05/26/2015

replaces version: 1.3 on 06/13/2012

generated on: 10/21/2003

---

Immediate (acute) health hazard	No
Delayed (chronic) health hazard	No
Fire hazard	No
Sudden Release of Pressure	No
Reactivity	No

**HMIS code:** 1 - 1 - 0 - E

## 15.2 Chemical safety assessment

not determined

---

## SECTION 16: Other information

None of the products you purchase from DyStar L.P. are subject to the German Ordinance that bans certain azo dyes or the 19th Amendment of the Council Directive 76/769/EEC.

Text of all shortcuts referred to in sections 2 and 3:

---

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.

**Print date**