

Cartasol Yellow BGFN liq

Version 2.4 Revision Date: 10/15/2020 SDS Number: CLA291 Date of last issue: 09/01/2018
Date of first issue: 09/12/2013

SECTION 1. IDENTIFICATION**Identification of the company:**

Archroma Management GmbH
Neuhofstrasse 11
Reinach, Switzerland, 4153
Telephone No.: +41 61 716 3401

Information of the substance/preparation:

Product Stewardship +1 704-353-4120

Emergency tel. number: +1 866-928-0789 (NCEC)

Trade name:

Cartasol Yellow BGFN liq

Material number:

188324

Synonyms:

Cartasol Yellow BGFN liquid

Chemical family:

Direct dye
anionic

Recommended use of the chemical and restrictions on use

Recommended use: paper dye

Recommended restrictions on use: Unknown

SECTION 2. HAZARDS IDENTIFICATION**GHS Classification**

Not a hazardous substance or mixture.

GHS label elements

Not a hazardous substance or mixture.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Direct dye
anionic

Hazardous components

Chemical name	CAS-No.	Concentration (%)
2-(2-Aminoethoxy)-ethanol	929-06-6	1 - 3

SECTION 4. FIRST AID MEASURES

General advice : Remove/Take off immediately all contaminated clothing.

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	Ensure that the First Aid Personnel are aware of the product involved, and take precautions to protect themselves (e.g. wear personal protection equipment).
If inhaled	: Remove person to fresh air. If signs/symptoms continue, get medical attention.
In case of skin contact	: Wash thoroughly with soap and water for 15 minutes. If skin irritation occurs, seek medical attention.
In case of eye contact	: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention immediately if irritation develops and persists.
If swallowed	: IF SWALLOWED: Immediately call a POISON CENTER/doctor.
Most important symptoms and effects, both acute and delayed	: The possible symptoms known are those derived from the labelling (see section 2). No additional symptoms are known.
Notes to physician	: None known.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Product is compatible with standard fire-fighting agents.
Unsuitable extinguishing media	: No restrictions
Specific hazards during fire-fighting	: In case of fire hazardous decomposition products may be produced such as: Carbon oxides Nitrogen oxides (NOx) Sulphur oxides
Further information	: Exercise caution when fighting any chemical fire. Use NIOSH approved self-contained breathing apparatus and full protective clothing.
Special protective equipment for firefighters	: Self-contained breathing apparatus Full protective suit

SECTION 6. ACCIDENTAL RELEASE MEASURES

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Personal precautions, protective equipment and emergency procedures	: Wear suitable protective equipment. Ventilate the area. Contain spill. All spills should be collected as liquid or absorbed on a suitable absorbant. Clean up should be accomplished by removal of contaminated soil or scrubbed with soap and water and cleaning wastes removed with absorbant materials. Wear proper protective equipment.
Environmental precautions	: Collect contaminated fire extinguishing water separately. This must not be discharged into drains. The product should not be allowed to enter drains, water courses or the soil.
Methods and materials for containment and cleaning up	: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). After processing, clean all equipment with the following: Water

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	: No special measures necessary.
Advice on safe handling	: Avoid breathing vapours. Avoid contact with skin, eyes and clothing.
Conditions for safe storage	: Keep container closed.
Materials to avoid	: Avoid storage near incompatible agents (see section 10). Do not store or transport together with foodstuffs

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure limit values

Exposure limit values are not available.

Personal protective equipment

Respiratory protection : not required under normal use

Hand protection

Remarks : Butyl Rubber, PVC Or Neoprene.

Eye protection : Safety glasses

Skin and body protection : Wear suitable protective equipment.

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Protective measures	: Observe the usual precautions for handling chemicals. Ensure that eyewash stations and safety showers are close to the workstation location.
Hygiene measures	: This preparation is classified as non-hazardous. However the usual precautions for handling chemicals must be observed to avoid contact with the skin, eyes and respiratory tract. In case of contact with the product, wash the eye immediately with running water and the skin with water and soap.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Aqueous solution
Colour	: yellow
Odour	: odourless
Odour Threshold	: not determined
pH	: 7.5 - 8.5
Melting point	: Not applicable
Boiling point	: approx. 100 °C
Flash point	: > 100 °C (1,013 hPa) No flash point - Measure made up to the boiling point.
Evaporation rate	: not available
Flammability (solid, gas)	: not determined
Upper explosion limit	: Not applicable
Lower explosion limit	: Not applicable
Vapour pressure	: 23 hPaCorresp. to vapour pressure of water
Relative vapour density	: not available
Relative density	: approx. 1.067 (20 °C)
Density	: 1.067 g/cm ³ (20 °C)
Solubility(ies)	
Water solubility	: miscible
Partition coefficient: n-	: not available

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octanol/water

Auto-ignition temperature : not tested.

Decomposition temperature : 180 °C
Exothermic reaction

Viscosity

Viscosity, dynamic : not available

Viscosity, kinematic : not determined

Explosive properties : Not explosive
Method: Expert judgementOxidizing properties : The substance or mixture is not classified as oxidizing.
Method: Expert judgement

Impact sensitivity : not determined

Surface tension : not available

Molecular weight : Not applicable

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No dangerous reaction known under conditions of normal use.

Chemical stability : Stable

Possibility of hazardous reactions : When used and handled as intended, none.

Conditions to avoid : Strong oxidizing agents

Incompatible materials : not known

Hazardous decomposition products : No hazardous decomposition products if stored and handled as prescribed

SECTION 11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

None known.

Acute toxicity**Product:**Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg
Method: OECD Test Guideline 423

Acute inhalation toxicity : Remarks: not available

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Acute dermal toxicity : Remarks: not available

Components:

929-06-6:

Acute oral toxicity : LD50 (Rat): 5,660 mg/kg

Skin corrosion/irritation

Product:

Species: Rabbit
Assessment: non-irritant
Method: OECD Test Guideline 404
Result: No skin irritation

Serious eye damage/eye irritation

Product:

Species: Rabbit
Result: No eye irritation
Method: OECD Test Guideline 405

Respiratory or skin sensitisation

Product:

Remarks: not available

Germ cell mutagenicity

Product:

Genotoxicity in vitro : Remarks: not available

Carcinogenicity

Product:

Remarks: not available

IARC Not listed

OSHA Not listed

NTP Not listed

Reproductive toxicity

Product:

Effects on fertility :
Remarks: not available

Effects on foetal development : Remarks: not available

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STOT - single exposure

Product:

Remarks: not available

STOT - repeated exposure

Product:

Remarks: not available

Repeated dose toxicity

Product:

Remarks: not available

Aspiration toxicity

Product:

No data available

Symptoms and effects

Product:

General Information : The possible symptoms known are those derived from the labelling (see section 2).

Further information

Product:

Remarks: none

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Toxicity to fish : LC50 (Poecilia reticulata (guppy)): > 100 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : Remarks: not available

Toxicity to algae : Remarks: not available

Toxicity to fish (Chronic toxicity) : Remarks: not available

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Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : Remarks: not available

Toxicity to bacteria : EC50 (activated sludge): > 2,000 mg/l
Exposure time: 3 h
Method: OECD Test Guideline 209

Persistence and degradability

Product:

Biodegradability : Test Type: aerobic
DOC decrease
Exposure time: 28 d
Method: OECD Test Guideline 302B

Chemical Oxygen Demand (COD) : 245 - 300 mg/g
Method: DIN 38409-H-41

Physico-chemical removability : Remarks: not available

Bioaccumulative potential

Product:

Bioaccumulation : Remarks: No information is available on the mixture "as is". If relevant information is available on the substances listed in Chapter 3, it is reported here.

Mobility in soil

Product:

Distribution among environmental compartments : Remarks: No information is available on the mixture "as is". If relevant information is available on the substances listed in Chapter 3, it is reported here.

Other adverse effects

Product:

Results of PBT and vPvB assessment : Remarks: No information is available on the mixture "as is". If relevant information is available on the substances listed in Chapter 3, it is reported here.

Additional ecological information : Product does not contain any organic bound Halogens which could lead to AOX-values.

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SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

RCRA - Resource Conservation and Recovery Authorization Act : No -- Not as sold.

Waste Code : None

Waste from residues : Small quantities may be treated in aerobic wastewater treatment systems. Larger quantities may be incinerated or land-filled after solidification in permitted systems.

Contaminated packaging : Consider recycling.

SECTION 14. TRANSPORT INFORMATION

DOT not restricted

IATA not restricted

IMDG not restricted

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Sodium hydroxide	1310-73-2	1000	9900990

SARA 311/312 Hazards : No SARA Hazards

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This product does not contain any toxic chemical listed under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986.

Clean Water Act

Contains no known priority pollutants at concentrations greater than 0.1%.

The components of this product are reported in the following inventories:

TSCA : All relevant components are listed in the TSCA Inventory as Active.

Volatile organic compounds VOC:

Content VOC (weight-%): 0.3 %

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Method: EPA Method 24

European SVHC: The product does not contain (or concentration is below 0,1%) any substance/impurity, which, according to annex XIV and XV of the REACH Regulation 1907/2006/EC, is listed as an SVHC.

SECTION 16. OTHER INFORMATION

Further information

Avoid inhalation of vapour or mist.
This product has not been evaluated for FDA regulatory requirements.
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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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