

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended



PREMIUM YELLOW

10095013

Version 1.1

Revision Date 15.04.2024

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : PREMIUM YELLOW
SDS-number : 000000006245
Type of product : Mixture
Remarks : SDS according to Art. 31 of Regulation (EC) 1907/2006.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Mixture : Luminescent pigment in printing inks
Uses advised against : none

1.3. Details of the supplier of the safety data sheet

Company	: Dryfast B.V. Kreekweg 20-22 3133 AZ Vlaardingen The Netherlands +31 (0)10-4261410	Dryfast B.V. Klein Siberiëstraat 1B-1C 3900 Pelt Belgium +32 (0)3 544 83 94
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1.4. Emergency telephone number

Emergency telephone number : +1-703-527-3887 (ChemTrec-Transport)
+1-303-389-1414 (Medical)
: Poison Control Center:
Ireland: +353(1)8092166
United Kingdom: (+44) 844 892 0111

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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REGULATION (EC) No 1272/2008

Skin sensitisation Sub-category 1A
H317 May cause an allergic skin reaction.
Long-term (chronic) aquatic hazard Category 3
H412 Harmful to aquatic life with long lasting effects.

2.2. Label elements

REGULATION (EC) No 1272/2008

Hazard pictograms	:		
Signal word	:	Warning	
Hazard statements	:	H317 H412	May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.
Precautionary statements	:	P280 P273 P302 + P352 P308 + P313	Wear protective gloves/ eye protection/ face protection. Avoid release to the environment. IF ON SKIN: Wash with plenty of soap and water. IF exposed or concerned: Get medical advice/ attention.
Hazardous components which must be listed on the label	:	reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one (3:1)	
Special labelling of certain products:	:	Contains Mixture of: 5-Chloro-2-methyl-4-isothiazolin-3-one and 2-Methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction. Contains Preservative.	

2.3. Other hazards

None known. The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. This

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substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Chemical name	CAS-No. Index-No. REACH Registration Number EC-No.	Classification 1272/2008	Concentration	Remarks
Propane-1,2-diol	57-55-6 200-338-0		< 10 %	N.C.*
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9 613-167-00-5	Acute Tox. 3; H301; Oral Acute Tox. 2; H330; Inhalation Acute Tox. 2; H310; Dermal Skin Corr. 1C; H314 Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 Skin Sens. 1A; H317 EUH071	>= 0,0015 % - < 0,025 %	M(Aquatic Acute) = 100 M(Aquatic Chronic) = 100 Skin Corr. 1C; H314:>= 0,6 % Skin Sens. 1A; H317:>= 0,0015 % Eye Dam. 1; H318:>= 0,6 % Skin Irrit. 2; H315:0,06 - < 0,6 % Eye Irrit. 2; H319:0,06 - < 0,6 % Skin Corr. 1C; H314:>= 0,6 % Skin Sens. 1A; H317:>= 0,0015 %

N.C.* - Non-hazardous substance - for information only

Remaining components of this product are non-hazardous and/or are present at concentrations below reportable limits.

Occupational Exposure Limit(s), if available, are listed in Section 8.

For the full text of the H-Statements mentioned in this Section, see Section 16.

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SECTION 4: First aid measures

4.1 Description of first aid measures

General advice:

First aider needs to protect himself. Move out of dangerous area. Take off all contaminated clothing immediately.

Inhalation:

If breathed in, move person into fresh air. If symptoms persist, call a physician.

Skin contact:

After contact with skin, wash immediately with plenty of soap and water. Call a physician immediately.

Eye contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Protect unharmed eye. Remove contact lenses. If eye irritation persists, consult a specialist.

Ingestion:

When swallowed, allow water to be drunk. Call a physician immediately.

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

No data available

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

No data available

See Section 11 for more detailed information on health effects and symptoms.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water spray

Foam

Carbon dioxide (CO₂)

Dry powder

Extinguishing media which shall not be used for safety reasons:

High volume water jet

5.2. Special hazards arising from the substance or mixture

The product itself does not burn.

5.3. Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Do not use a solid water stream as it may scatter and spread fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system.

6.3. Methods and materials for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

Pick for disposal in tightly closed containers

6.4. Reference to other sections

For personal protection see section 8.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling:

Avoid inhalation, ingestion and contact with skin and eyes.

Advice on protection against fire and explosion:

Normal measures for preventive fire protection.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers:

Store in original container. Keep container tightly closed in a dry and well-ventilated place.

Recommended storage temperature: room temperature. (Ambient temperature: > 0 < 35°C) Protect from frost.

7.3. Specific end use(s)

no additional data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits:

Components	Basis / Value type	Value / Form of exposure	Exceeding Factor	Remarks
Propane-1,2-diol	ELV (IE) TWA	10 mg/m3 Particulate.		
Propane-1,2-diol	ELV (IE) TWA	470 mg/m3 150 ppm Total vapour and particulates.		

ELV (IE) - Ireland. OELVs, Schedule 1 (Code of Practice for Chemical Agents Regulations), as amended

TWA - Time weighted average

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DNEL/ PNEC-Values

Component	End-use/impact	Exposure duration	Value	Exposure routes	Remarks
Propane-1,2-diol	Workers / Long-term systemic effects		168 mg/m3	Inhalation	
Propane-1,2-diol	Workers / Long-term local effects		10 mg/m3	Inhalation	
Propane-1,2-diol	Consumers / Long-term systemic effects		50 mg/m3	Inhalation	
Propane-1,2-diol	Consumers / Long-term local effects		10 mg/m3	Inhalation	
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H - isothiazol-3-one (3:1)	Workers / Long-term local effects		0,02 mg/m3	Inhalation	
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H - isothiazol-3-one (3:1)	Workers / Acute local effects		0,04 mg/m3	Inhalation	
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H - isothiazol-3-one (3:1)	Consumers / Long-term local effects		0,02 mg/m3	Inhalation	
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H - isothiazol-3-one (3:1)	Consumers / Acute local effects		0,04 mg/m3	Inhalation	
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H - isothiazol-3-one (3:1)	Consumers / Long-term systemic effects		0,09mg/kg bw/d	Oral	
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H - isothiazol-3-one (3:1)	Acute systemic effects		0,11mg/kg bw/d		

Component	Environmental compartment / Value	Remarks
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Propane-1,2-diol	Fresh water: 260 mg/l	Assessment factor: 50
Propane-1,2-diol	Marine water: 26 mg/l	Assessment factor: 500
Propane-1,2-diol	Sewage treatment plant: 20000 mg/l	
Propane-1,2-diol	Fresh water sediment: 572 mg/kg dw	
Propane-1,2-diol	Marine sediment: 57,2 mg/kg dw	
Propane-1,2-diol	Soil: 50 mg/kg dw	
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H - isothiazol-3-one (3:1)	Fresh water: 0,00339 mg/l	Assessment factor: 10
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H - isothiazol-3-one (3:1)	Marine water: 0,00339 mg/l	Assessment factor: 10
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H - isothiazol-3-one (3:1)	Sewage treatment plant: 0,23 mg/l	Assessment factor: 10
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H - isothiazol-3-one (3:1)	Fresh water sediment: 0,027 mg/kg	Assessment factor: 10
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H - isothiazol-3-one (3:1)	Marine sediment: 0,027 mg/kg	Assessment factor: 10
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H - isothiazol-3-one (3:1)	Soil: 0,01 mg/kg	Assessment factor: 100

8.2. Exposure controls

Occupational exposure controls

Wash hands before breaks and at the end of workday.

The Personal Protective Equipment must be in accordance with EN standards:respirator EN 136, 140, 149; safety glasses EN 166; protective suit: EN 340, 463, 468, 943-1, 943-2; gloves EN 374, 511; safety shoes EN-ISO 20345.

Personal protective equipment

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Respiratory protection:

In the case of vapour formation use a respirator with an approved filter.

Hand protection:

Glove material: Natural Latex

Break through time: 480 min

Glove thickness: 0,6 mm

Lapren®706

Gloves must be inspected prior to use.

Replace when worn.

Remarks: Supplementary note: The specifications are based on information and tests from similar substances by analogy.

Due to varying conditions (e.g.temperature or other strains) it must be considered that the usage of a chemical protective glove in practice may be much shorter than the permeation time determined in accordance with EN 374.

Since actual conditions of practical use often deviate from standardised conditions according EN 374 the glove manufacturer recommends to use the chemical protective glove in practice not longer than 50% of the recommended permeation time.

Manufacturer´s directions for use should be observed because of great diversity of types .

Suitable gloves tested according EN 374 are supplied e.g. from KCL GmbH, D-36124 Eichenzell, Vertrieb@kcl.de

Eye protection:

Safety glasses with side-shields

Skin and body protection:

Protective suit

Environmental exposure controls

Handle in accordance with local environmental regulations and good industrial practices.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- (a) Physical state : liquid
- (b) Colour : off-white
- (c) Odour : odourless

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- (e) Boiling point/boiling range : ca. 100 °C
- (h) Flash point : Not applicable
- (i) Auto-ignition temperature : Not applicable
- (j) Decomposition temperature : No decomposition if used as directed.
- (k) pH : neutral
aqueous dispersion
- (m) Solubility(ies) : Water solubility:
partly miscible
- (n) Partition coefficient: n-octanol/water : No data available
- (p) Density and / or relative density : ca. 1,02 g/cm³
at 20 °C
- (q) Relative vapour density : No data available
- (r) Particle characteristics : No data available

9.2 Other Information

no additional data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

No decomposition if used as directed.

10.3. Possibility of hazardous reactions

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Hazardous polymerisation does not occur.

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

No decomposition if stored and applied as directed.

Fire may cause evolution of:

Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

(a) Acute toxicity

Acute oral toxicity:

LD50

Species: Rat

Value: > 2.000 mg/kg

Method: OECD Test Guideline 401

No deaths

Acute dermal toxicity:

No data available

Acute inhalation toxicity:

No data available

Acute toxicity (other routes of administration):

No data available

(b) Skin corrosion/irritation:

Species: Rabbit

Classification: non-irritant

Exposure time: 4 h

Method: OECD Test Guideline 404

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(c) Serious eye damage/eye irritation:

Species: Rabbit

Classification: slight irritant effect - does not require labelling

Method: OECD Test Guideline 405

(d) Respiratory or skin sensitisation:

Contains a component which is a known or suspected skin sensitizer.

(h) STOT-single exposure:

No data available

(i) STOT - repeated exposure:

No data available

(j) Aspiration hazard:

No data available

11.2. Information on other hazards

Endocrine disrupting properties

No data available

Other information:

No data available

SECTION 12: Ecological information

12.1. Toxicity

Toxicity to fish:

No data available

Toxicity to aquatic plants:

No data available

Toxicity to Microorganisms:

No data available

Toxicity to aquatic invertebrates:

No data available

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12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Endocrine disrupting properties

No data available

12.7. Other adverse effects

No information on ecology is available.
Do not flush into surface water or sanitary sewer system.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product:

Dispose according to legal requirements.

Packaging:

Legal requirements are to be considered in regard of reuse or disposal of used packaging materials

Further information:

Provisions relating to waste:
EC Directive 2006/12/EC; 2008/98/EEC
Regulation No. 1013/2006
For personal protection see section 8.

SECTION 14: Transport information

14.1 UN number or ID number

ADR/RID:Not dangerous goods IMDG:Not dangerous goods IATA:Not dangerous goods

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14.2 UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

14.3 Transport hazard class(es)

No data available

14.4 Packaging group

No data available

14.5 Environmental hazards

ADR/RID: no

Marine pollutant: no

14.6 Special precautions for user

Storage-/Transp.-Temp. > 5 °C

14.7 Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

Basis	Value	Remarks
Regulation (EC) No. 1907/2006, Annex XVII		This product contains an ingredient according to Annex XVII of the REACH Regulation 1907/2006/EC.
Directive 2012/18/EC SEVESO III		Not applicable
Regulation (EC) No. 528/2012		The product falls under the regulation on biocide products (EU) 528/2012.
Substances of very high concern (SVHC)		This product does not contain substances of very high concern according to Regulation (EC) No Article 57 above the respective

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		regulatory 1907/2006 (REACH), concentration limit of ≥ 0.1 % (w/w).
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Other inventory information

USA. List of Active Substances on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory, as amended
On TSCA Inventory

Australia. Inventory of Industrial Chemicals (AIIC), as amended
On the inventory, or in compliance with the inventory

Canada. Domestic Substances List (DSL), as amended
All components of this product are on the Canadian DSL

Japan. Kashin-Hou Law List
Not in compliance with the inventory

Korea. Existing Chemicals Inventory (KECI)
On the inventory, or in compliance with the inventory

Philippines. Inventory of Chemicals and Chemical Substances (PICCS)
Not in compliance with the inventory

China. Inventory of Existing Chemical Substances (IECSC)
Not in compliance with the inventory

New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand
Not in compliance with the inventory

Taiwan Chemical Substance Inventory (TCSI)
Not in compliance with the inventory

15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

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SECTION 16: Other information

Text of H-statements referred to under heading 3

N-[2-(4-Oxo-4H-3,1-benzoxazin-2-yl)phenyl]naphthalene-2-sulphonamide : H317 May cause an allergic skin reaction.
Dispersogen 3169 H412 Harmful to aquatic life with long lasting effects.
Propane-1,2-diol

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one (3:1)
Water

Further information

All directives and regulations refer to amended versions.
Vertical lines in the left hand margin indicate a relevant amendment from the previous version.

Abbreviations:

EC European Community
CAS Chemical Abstracts Service
DNEL Derived no effect level
PNEC Predicted no effect level
vPvB Very persistent and very bioaccumulative substance
PBT Persistent, bioaccumulative und toxic substance

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. Final determination of suitability of any material is the sole responsibility of the user.

This information should not constitute a guarantee for any specific product properties.

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