

This safety data sheet was created pursuant to the requirements of:
UK REACH Regulations (SI 2019/758 as amended)

Supersedes Date 13-Jun-2019***

Revision date 09-Aug-2023

Revision Number 3

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

1.1. Product identifier

Product Code(s) 15199***

Safety data sheet number 15199***

Product Name FLUORESCENT YELLOW 131SC

Pure substance/mixture Mixture***

Contains DISTILLATES (PETROLEUM) HYDROTREATED LIGHT NAPHTHENIC

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

Recommended use Colouring agent***

1.3. Details of the supplier of the safety data sheet

Supplier

Univar Solutions UK Ltd
Aquarius House
6 Mid Point Business Park
Bradford
GBR

For further information, please contact

E-mail address SDS.EMEA@univarsolutions.com

Non-Emergency Telephone Number +44 1274 267300 / +44 1274 267306

1.4. Emergency telephone number

Emergency Telephone SGS - +32 (0)3 575 55 55 (24h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Aspiration hazard	Category 1*** - (H304)***
Chronic aquatic toxicity	Category 4*** - (H413)***

2.2. Label elements

Contains DISTILLATES (PETROLEUM) HYDROTREATED LIGHT NAPHTHENIC



Signal word

Danger***

Hazard statements

H304 - May be fatal if swallowed and enters airways

H413 - May cause long lasting harmful effects to aquatic life***

Precautionary statements

P273 - Avoid release to the environment

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor

P331 - Do NOT induce vomiting

P405 - Store locked up

P501 - Dispose of contents/ container to an approved waste disposal plant***

0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.***

0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.***

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).***

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapour).***

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).***

Unknown aquatic toxicity

Contains 0 % of components with unknown hazards to the aquatic environment.***

Additional information

This product requires child resistant fastenings if supplied to the general public. This product requires tactile warnings if supplied to the general public.***

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable***

3.2 Mixtures***

Chemical name	Weight-%	EC No (EU Index No)	UK REACH registration number	Classification according to GB CLP (SI 2020/1567 as amended)	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
DISTILLATES (PETROLEUM) HYDROTREATED LIGHT NAPHTHENIC*** 64742-53-6	>= 50 - < 70	265-156-6 (649-466-00-2)***	-	Asp. Tox. 1 (H304)***	-	-	-

DINAPHTHO[1,2,3- CD:1',2',3'- LM]PERYLENE-9,1 8-DIONE, DODECYL DERIVS*** 68411-75-6	>= 50 - < 70	270-145-4***	-	Aquatic Chronic 4 (H413)***	-	-	-
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Full text of H- and EUH-phrases: see section 16

Additional information

Product containing mineral oil with less than 3% DMSO extract as measured by IP 346***

This product does not contain candidate substances of very high concern at a concentration >= 0.1% (UK REACH Article 59)

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice	Move into fresh air and keep at rest. Show this safety data sheet to the doctor in attendance. Get medical advice/attention if you feel unwell. Keep victim under observation.***
Inhalation	Remove to fresh air. Place unconscious person on the side in the recovery position and ensure breathing can take place. Get medical attention if symptoms occur.***
Eye contact	Rinse eyes. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for 30 minutes. Get medical attention if irritation develops and persists.***
Skin contact	Rinse with water. Contact physician if discomfort continues.***
Ingestion	Rinse mouth thoroughly with water. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. (Get medical attention immediately if symptoms occur).***

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

Eyes	May cause temporary eye irritation.***
Ingestion	May be fatal if swallowed and enters airways***

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

Note to doctors	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Large Fire	CAUTION: Use of water spray when fighting fire may be inefficient.
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical Do not allow run-off from fire-fighting to enter drains or water courses.***

Hazardous combustion products Carbon oxides.***

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation. Use personal protection recommended in Section 8.***

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Take up mechanically, placing in appropriate containers for disposal.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling Ensure adequate ventilation. Use personal protection recommended in Section 8. Avoid eating, drinking and smoking when using the product.***

General hygiene considerations Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using the product.***

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place.***

7.3. Specific end use(s)

Specific use(s)
See section 1 for more information.***

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure Limits**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Biological occupational exposure limits

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL) - Workers ***

Chemical name	Oral	Dermal	Inhalation
DISTILLATES (PETROLEUM) HYDROTREATED LIGHT NAPHTHENIC*** 64742-53-6		0.97 mg/kg bw/day [4] [6]***	2.73 mg/m ³ [4] [6] 5.58 mg/m ³ [5] [6]***

[4] Systemic health effects.***
[5] Local health effects.***
[6] Long term.***

Derived No Effect Level (DNEL) - General Public ***

Chemical name	Oral	Dermal	Inhalation
DISTILLATES (PETROLEUM) HYDROTREATED LIGHT NAPHTHENIC*** 64742-53-6	0.74 mg/kg bw/day [4] [6]***		1.19 mg/m ³ [5] [6]***

[4] Systemic health effects.***
[5] Local health effects.***
[6] Long term.***

Predicted No Effect Concentration (PNEC) No information available.

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
DISTILLATES (PETROLEUM) HYDROTREATED LIGHT NAPHTHENIC*** 64742-53-6					9.33 mg/kg food***

8.2. Exposure controls**Engineering controls**

No information available.

Personal protective equipment

Eye/face protection	Wear safety glasses with side shields (or goggles). Use eye protection according to EN 166.***
Hand protection	Wear suitable gloves. Gloves must conform to standard EN 374.***
Skin and body protection	Wear appropriate clothing to prevent reasonably probable skin contact.***
Respiratory protection	Use appropriate respiratory protection.***
General hygiene considerations	Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using the product.***

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid***
Appearance	Liquid***
Colour	red***
Odour	No information available.
Odour threshold	No information available

Property	Values	Remarks • Method
Melting point / freezing point		No information available
Initial boiling point and boiling range	177.2*** °C***	***
Flammability		No information available
Flammability Limit in Air		No information available
Upper flammability or explosive limits		
Lower flammability or explosive limits		
Flash point		No information available
Autoignition temperature		No information available
Decomposition temperature		No information available
pH		No information available
pH (as aqueous solution)		No information available
Kinematic viscosity		No information available
Dynamic viscosity		No information available
Water solubility		No information available
Solubility(ies)		No information available
Partition coefficient		No information available
Vapour pressure		No information available
Relative density		No information available
Bulk density		
No information available		Relative vapour density
No information available		Particle characteristics
		Particle Size
		Particle Size
		Distribution

Explosive properties	No information available
Oxidising properties	No information available

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No information available.

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid None known based on information supplied.

10.5. Incompatible materials

Incompatible materials None known based on information supplied.

10.6. Hazardous decomposition products

Hazardous decomposition products Carbon oxides.***

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Information on likely routes of exposure****Product Information**

Inhalation Inhalation of vapours in high concentration may cause irritation of respiratory system.***

Eye contact May cause temporary eye irritation.***

Skin contact Non-irritating during normal use.***

Ingestion May be fatal if swallowed and enters airways.***

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Acute toxicity**Numerical measures of toxicity**

No information available

The following values are calculated based on chapter 3.1 of the GHS document ***

0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.***

0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.***

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).***

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapour).***

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).***

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
DISTILLATES (PETROLEUM) HYDROTREATED LIGHT NAPHTHENIC***	> 5000 mg/kg (Rat) ***	> 2000 mg/kg (Rabbit)***	= 2180 mg/m ³ (Rat) 4 h***

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	Based on available data the classification criteria are not met.***
Serious eye damage/eye irritation	Based on available data the classification criteria are not met.***
Respiratory or skin sensitisation	Based on available data the classification criteria are not met.***
Germ cell mutagenicity	Based on available data the classification criteria are not met.***
Carcinogenicity	Based on available data the classification criteria are not met.***

Chemical name	United Kingdom
DISTILLATES (PETROLEUM) HYDROTREATED LIGHT NAPHTHENIC***	Carc. 1B***

Reproductive toxicity	Based on available data the classification criteria are not met.***
STOT - single exposure	Based on available data the classification criteria are not met.***
STOT - repeated exposure	Based on available data the classification criteria are not met.***
Aspiration hazard	May be fatal if swallowed and enters airways.***
Other adverse effects	No information available.

SECTION 12: Ecological information**12.1. Toxicity**

Ecotoxicity	May cause long lasting harmful effects to aquatic life.***
Unknown aquatic toxicity	Contains 0 % of components with unknown hazards to the aquatic environment.***

DISTILLATES (PETROLEUM) HYDROTREATED LIGHT NAPHTHENIC (64742-53-6)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
	Fish***	LC50***	> 100 mg/L ***	96 hours***	
	Crustacea***	EC50***	> 100 mg/L ***	48 hours***	
	Algae***	EC50***	> 100 mg/L ***	72 hours***	

12.2. Persistence and degradability

Persistence and degradability No information available.

DISTILLATES (PETROLEUM) HYDROTREATED LIGHT NAPHTHENIC (64742-53-6)

Method	Exposure time	Value	Results
			Inherently Biodegradable***

DINAPHTHO[1,2,3-CD:1',2',3'- LM]PERYLENE-9,18-DIONE, DODECYL DERIVS (68411-75-6)

Method	Exposure time	Value	Results
			Not readily biodegradable***

12.3. Bioaccumulative potential

Bioaccumulation ***

Component Information ***

Chemical name	Partition coefficient
DISTILLATES (PETROLEUM) HYDROTREATED LIGHT NAPHTHENIC***	> 6***
DINAPHTHO[1,2,3-CD:1',2',3'- LM]PERYLENE-9,18-DIONE, DODECYL DERIVS***	> 4***

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment The product does not contain any substance(s) classified as PBT or vPvB.

Chemical name	PBT and vPvB assessment
DISTILLATES (PETROLEUM) HYDROTREATED LIGHT NAPHTHENIC***	The substance is not PBT / vPvB***

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

SECTION 14: Transport information

IATA

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	No***
14.6 Special precautions for user	
Special Provisions	None

IMDG

14.1 UN number or ID number	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	No***
14.6 Special precautions for user	
Special Provisions	None
14.7 Maritime transport in bulk according to IMO instruments	No information available

RID

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	No***
14.6 Special precautions for user	
Special Provisions	None

ADR

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	No***
14.6 Special precautions for user	
Special Provisions	None

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations**

Authorisations and/or restrictions on use:

This product contains one or more substances subject to restriction (UK REACH - Annex XVII).***

Chemical name	Restricted substance per REACH Annex XVII	Substance subject to authorisation per REACH Annex XIV
DISTILLATES (PETROLEUM) HYDROTREATED LIGHT NAPHTHENIC*** - 64742-53-6	Use restricted. See item 28. Restricted Carcinogen 1B***	-

Persistent Organic Pollutants

Not applicable

Export Notification requirements

Not applicable

Named dangerous substances per COMAH Regulations 2015 (as amended)

Not applicable

The Ozone-Depleting Substances Regulations 2015

Not applicable

The Biocidal Products Regulations 2001 (as amended)

Not applicable

The Water Environment (Water Framework Directive) (England and Wales) Regulations 2017 (as amended)

Not applicable

Poisons Act 1972 (Explosive Precursors) Regulations (as Amended)

Not applicable

International Inventories

TSCA	Contact supplier for inventory compliance status
DSL/NDL	Contact supplier for inventory compliance status
EINECS/ELINCS	Contact supplier for inventory compliance status
ENCS	Contact supplier for inventory compliance status
IECSC	Contact supplier for inventory compliance status
KECL	Contact supplier for inventory compliance status
PICCS	Contact supplier for inventory compliance status
AIIC	Contact supplier for inventory compliance status
NZIoC	Contact supplier for inventory compliance status

Legend:

TSCA	- United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDL	- Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS	- European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS	- Japan Existing and New Chemical Substances
IECSC	- China Inventory of Existing Chemical Substances
KECL	- Korean Existing and Evaluated Chemical Substances
PICCS	- Philippines Inventory of Chemicals and Chemical Substances
AIIC	- Australian Inventory of Industrial Chemicals
NZIoC	- New Zealand Inventory of Chemicals

15.2. Chemical safety assessment

Chemical Safety Report No information available

SECTION 16: Other information**Key or legend to abbreviations and acronyms used in the safety data sheet****Full text of H-Statements referred to under section 3**

H304 - May be fatal if swallowed and enters airways

H413 - May cause long lasting harmful effects to aquatic life***

Legend

SVHC: Substances of Very High Concern for Authorisation:

Legend Section 8: Exposure controls/personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
+	Sensitisers		
Revision Note ***Indicates updated data since last publication			

Classification procedure

Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity***	Calculation method***
Acute dermal toxicity***	Calculation method***
Acute inhalation toxicity - gas***	Calculation method***
Acute inhalation toxicity - vapour***	Calculation method***
Acute inhalation toxicity - dust/mist***	Calculation method***
Skin corrosion/irritation***	Calculation method***
Serious eye damage/eye irritation***	Calculation method***
Respiratory sensitisation***	Calculation method***
Skin sensitisation***	Calculation method***

Mutagenicity***
Carcinogenicity***
Reproductive toxicity***
STOT - single exposure***
STOT - repeated exposure***
Acute aquatic toxicity***
Chronic aquatic toxicity***
Aspiration hazard***
Ozone***

Calculation method***
Calculation method***
Calculation method***
Calculation method***
Calculation method***
Calculation method***
Calculation method***
Calculation method***
Calculation method***

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)
European Chemicals Agency (ECHA) (ECHA_API)
EPA (Environmental Protection Agency)
Acute Exposure Guideline Level(s) (AELG(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
National Institute of Technology and Evaluation (NITE)
Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications
Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme
Organisation for Economic Co-operation and Development Screening Information Data Set
World Health Organization

Prepared By Lisa Bland***

Supersedes Date 13-Jun-2019***

Revision date 09-Aug-2023

This material safety data sheet complies with the requirements of UK REACH Regulations (SI 2019/758 as amended)
Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Disclaimer

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.

End of Safety Data Sheet