HDUPONT Concentrated Thinner

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

1.1 - Product identifier

Trade name/designation HDUPONT Concentrated Thinner
Chemical name
Product-type Mixture

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

Relevant identified uses - Auxiliary for fabric dyeing

1.3 - Details of the supplier of the safety data sheet

Clairefontaine Rhodia
RD 52
68490 Ottmarsheim France
Telephone : +33389833750
Website https://www.clairefontaine.com/fr/
Tahina Rakotonirainy: +33 3 89 83 37 86/+33 6 65 46 82 27 trakotonirainy@clairefontaine.com

1.4 - Emergency telephone number

- ORFILA (INRS) + 33 (0)1 45 42 59 59 France

SECTION 2: Hazards identification

2.1 - Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Not Classified	Not classified

2.2 - Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Signal word : None
Pictograms : None
Hazard statements : None
Precautionary statements

P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.
P101	If medical advice is needed, have product container or label at hand.

EUH-phrases

EUH208	Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1), reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1) (55965-84-9) . May produce an allergic reaction

2.3 - Other hazards

PBT-substance. - This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

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vPvB-substance.	- This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

SECTION 3: Composition / information on ingredients

3.1 - Substances

Not applicable

3.2 - Mixtures

Chemical name	No	%	Class(es)	Specific concentration limit
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1), reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)	CAS No. : 55965-84-9 Index No. : 613-167-00-5	0,0014	Acute Tox. 2 Dermal - H310 Acute Tox. 2 Inhalation - H330 Acute Tox. 3 Oral - H301 Aquatic Acute 1 - H400 Eye Dam. 1 - H318 Skin Corr. 1C - H314 Skin Sens. 1A - H317	Skin Irrit. 2 - H315 : 0,06<=%<0,6 Eye Dam. 1 - H318 : 0,6<=%<100 Eye Irrit. 2 - H319 : 0,06<=%<0,6 Skin Sens. 1A - H317 : 0,0015<=%<100 Skin Corr. 1C - H314 : 0,6<=%<=100 M-factor: 100 / 100

SECTION 4: First aid measures

4.1 - Description of first aid measures

Following inhalation	- Provide fresh air.
Following skin contact	- Wash immediately with: Water - When in doubt or if symptoms are observed, get medical advice.
After eye contact	- Rinse immediately carefully and thoroughly with eye-bath or water. - In case of eye irritation consult an ophthalmologist.
After ingestion	- Rinse mouth thoroughly with water. - Do NOT induce vomiting. - When in doubt or if symptoms are observed, get medical advice.

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

Symptoms and effects - Following inhalation	- No known symptoms to date.
Symptoms and effects - Following skin contact	- No known symptoms to date.
Symptoms and effects - After eye contact	- No known symptoms to date.
Symptoms and effects - After ingestion	- No known symptoms to date. - Get medical advice/attention if you feel unwell.

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

- Treat symptomatically.

SECTION 5: Firefighting measures

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5.1 - Extinguishing media

Suitable extinguishing media	- ABC-powder - Carbon dioxide (CO2) - Foam - Extinguishing powder
Unsuitable extinguishing media	- Full water jet

5.2 - Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture	- No information available.

5.3 - Advice for firefighters

- Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6: Accidental release measures

6.1 - Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	- Use personal protection equipment. - Provide adequate ventilation.
For emergency responders	- Wear personal protection equipment (refer to section 8).

6.2 - Environmental precautions

- Do not allow to enter into surface water or drains.

6.3 - Methods and material for containment and cleaning up

Methods and material for containment	- Collect in closed and suitable containers for disposal.
Methods and material for cleaning up	- Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). - Wash with plenty of water.
Inappropriate techniques	- No information available.

6.4 - Reference to other sections

- Disposal: see section 13
- Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1 - Precautions for safe handling

Recommendation	- No special technical protective measures are necessary.
Advices on general occupational hygiene	- Avoid contact with skin, eyes and clothes. - When using do not eat, drink, smoke, sniff. - Wash hands before breaks and after work.

7.2 - Conditions for safe storage, including any incompatibilities

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- Do not store together with:Food and feedingstuffs

7.3 - Specific end use(s)

- Wash hands thoroughly after handling.

SECTION 8: Exposure controls/personal protection

8.1 - Control parameters

8.2 - Exposure controls

Appropriate engineering controls	- No information available.
Individual protection measures, such as personal protective equipment	- Protective gloves - Suitable protective clothing:Protective apron - Eye protection
Environmental exposure controls	- Do not dispose in the environment

SECTION 9: Physical and chemical properties

9.1 - Information on basic physical and chemical properties

Physical state	Liquid	Appearance	Liquid
Colour	transparent	Odour	characteristic

Odour threshold	No data available
pH	7 < V < 8
Melting point	No data available
Freezing point	No data available
Boiling point	100 °C
Flash point	No data available
Evaporation rate	No data available
flammability	No data available
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	1,03
Density	No data available

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Solubility (Water)	100 %
Solubility (Ethanol)	No data available
Solubility (Acetone)	No data available
Solubility (Organic solvents)	No data available
Log KOC	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	No data available
Dynamic viscosity	No data available

Particle characteristics

Particle size	No data available
Dustiness	No data available
Specific surface area	No data available
Shape	No data available

9.2 - Other information

VOC content	No data available
Minimum ignition energy	No data available
Conductivity	No data available

SECTION 10: Stability and reactivity

10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

10.4 - Conditions to avoid

- No information available.

10.5 - Incompatible materials

- No information available.

10.6 - Hazardous decomposition products

- Does not decompose when used for intended uses.

SECTION 11: Toxicological information

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

Acute toxicity - Not classified

Toxicity : Mixture

LD50 oral (rat)	No data available

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	LD50 dermal (rat)	No data available
	LD50 dermal (rabbit)	No data available
	LC50 inhalation (rat)	No data available
	LC50 inhalation dusts and mists (rat)	No data available
	LC50 inhalation vapours (rat)	No data available

- Based on available data, the classification criteria are not met.

Skin corrosion/irritation - Not classified

- Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation - Not classified

- Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation - Not classified

- Based on available data, the classification criteria are not met.

Germ cell mutagenicity - Not classified

- Based on available data, the classification criteria are not met.

Carcinogenicity - Not classified

- Based on available data, the classification criteria are not met.

Reproductive toxicity - Not classified

- Based on available data, the classification criteria are not met.

STOT-single exposure - Not classified

- Based on available data, the classification criteria are not met.

STOT-repeated exposure - Not classified

- Based on available data, the classification criteria are not met.

Aspiration hazard - Not classified

11.2 - Information on other hazards

SECTION 12: Ecological information

12.1 - Toxicity

Toxicity : Mixture

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

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- The substance/mixture does not fullfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

12.2 - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No information available.

12.3 - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC	No data available

- No indication of bioaccumulation potential.

12.4 - Mobility in soil

- No information available.

12.5 - Results of PBT and vPvB assessment

- This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

- This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

12.6 - Endocrine disrupting properties

- This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7 - Other adverse effects

- Discharge into the environment must be avoided.

SECTION 13: Disposal considerations

13.1 - Waste treatment methods

Waste treatment methods	- Dispose of waste according to applicable legislation.
Sewage disposal	- Do not allow run-off from fire-fighting to enter drains or water courses.
Special precautions for waste treatment	- Do not mix with other wastes.
Community or national or regional provisions	- No information available.

SECTION 14: Transport information

14.1 - UN number or ID number

Not applicable

14.2 - UN proper shipping name

Not applicable

14.3 - Transport hazard class(es)

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Not applicable

14.4 - Packing group
Not applicable

14.5 - Environmental hazards
Not applicable

14.6 - Special precautions for user
Not applicable

14.7 - Maritime transport in bulk according to IMO instruments
Not applicable

SECTION 15: Regulatory information

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

Substances REACH candidates	None
Substances Annex XIV	None
Substances Annex XVII	None

VOC content: No data available

15.2 - Chemical Safety Assessment

Chemical safety assessment carried out for the product: - No information available.

SECTION 16: Other information

SDS versions

Version	Issue date	Author	Description of the amendments
2	26/01/2024	Tahina Rakotonirainy	Section 12.5, 12.6
1,01	13/06/2017		
1	24/11/2015		

Evaluation methods: The classification of the product is based on the calculation methods set out in Annex I of the CLP Regulation, unless otherwise specified in sections 11 and 12.
Data for the evaluation of physico-chemical properties are presented in Section 9

Texts of the regulatory sentences

Acute Tox. 2 Dermal	Acute toxicity (dermal) - Category 2
Acute Tox. 2 Inhalation	Acute toxicity (inhalative) - Category 2
Acute Tox. 3 Oral	Acute toxicity (oral) - Category 3
Aquatic Acute 1	Hazardous to the aquatic environment - Aquatic Acute 1
Eye Dam. 1	Serious eye damage, Category 1
H301	Toxic if swallowed

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H310	Fatal in contact with skin
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H330	Fatal if inhaled
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
Not Classified	Not classified
Skin Corr. 1C	Skin corrosion, Category 1C
Skin Sens. 1A	Skin sensitization - Category 1A

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