

ODISHINE (VALABLE POUR TOUS LES COLORIS) - ODIF_ODISHINE



SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2020/878)

SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : ODISHINE (VALABLE POUR TOUS LES COLORIS)

Product code : ODIF_ODISHINE.

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

Use for creative hobbies

1.3. Details of the supplier of the safety data sheet

Registered company name : ODIF.

Address : 118 Chemin du Sermoraz.01700.BEYNOST.FRANCE.

Telephone : +33 (0)4 78 55 07 43. Fax : .

odif@odif.com

www.odif.com

1.4. Emergency telephone number : +33 (0)1 45 42 59 59.Association/Organisation : INRS / ORFILA <http://www.centres-antipoison.net>.**Other emergency numbers**

SUISSE : Tox Info Suisse - Tel. 145

European Emergency Number Association (EENA) : 112

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture**In compliance with EC regulation No. 1272/2008 and its amendments.**

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This mixture does not present a health hazard with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8).

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements**In compliance with EC regulation No. 1272/2008 and its amendments.**

No labelling requirements for this mixture.

2.3. Other hazardsThe mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) $\geq 0.1\%$ published by the European CHemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

The mixture does not contain substances $\geq 0.1\%$ with endocrine disrupting properties in accordance with the criteria of the Delegated Regulation (EU) 2017/2100 of the Commission or Regulation (EU) 2018/605 of the Commission.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures**Composition :**

Identification	Classification (EC) 1272/2008	Note	%
CAS: 57-55-6 EC: 200-338-0 PROPANE-1,2-DIOL		[1]	$0 \leq x \% < 1$

ODISHINE (VALABLE POUR TOUS LES COLORIS) - ODIF_ODISHINE

CAS: 3811-73-2 EC: 223-296-5 PYRIDINE-2-THIOL 1-OXIDE, SODIUM SALT	GHS06, GHS09, GHS08 Dgr Acute Tox. 4, H302 Acute Tox. 3, H311 Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319 Acute Tox. 2, H330 STOT RE 1, H372 Aquatic Chronic 2, H411 Aquatic Acute 1, H400 M Acute = 100 EUH:070	[1]	0 <= x % < 1
CAS: 55965-84-9 REACH: 01-2120764691-48 REACTION MASS OF 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1) Specific concentration limits:	Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319 Acute Tox. 2, H330 STOT RE 1, H372 Aquatic Chronic 2, H411 Aquatic Acute 1, H400 M Acute = 100 EUH:070	[1]	0 <= x % < 1
Identification	Specific concentration limits	ATE	
CAS: 57-55-6 EC: 200-338-0 PROPANE-1,2-DIOL		dermal: ATE = 20800 mg/kg BW oral: ATE = 22000 mg/kg BW	
CAS: 3811-73-2 EC: 223-296-5 PYRIDINE-2-THIOL 1-OXIDE, SODIUM SALT		inhalation: ATE = 0.5 mg/l dermal: ATE = 790 mg/kg BW oral: ATE = 500 mg/kg BW	
CAS: 55965-84-9 REACH: 01-2120764691-48 REACTION MASS OF 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1)	Skin Corr. 1C: H314 C>= 0.6% Skin Irrit. 2: H315 0.06% <= C < 0.6% Eye Dam. 1: H318 C>= 0.6% Eye Irrit. 2: H319 0.06% <= C < 0.6% Skin Sens. 1A: H317 C>= 0.0015%		

Information on ingredients :

(Full text of H-phrases: see section 16)

[1] Substance for which maximum workplace exposure limits are available.

SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

4.1. description of first aid measures**In the event of swallowing :**

Seek medical attention, showing the label.

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.

SECTION 5 : FIREFIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media

ODISHINE (VALABLE POUR TOUS LES COLORIS) - ODIF_ODISHINE**5.2. Special hazards arising from the substance or mixture**

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

5.3. Advice for firefighters

No data available.

SECTION 6 : ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures**

Consult the safety measures listed under headings 7 and 8.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

No data available.

SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions for safe handling

Always wash hands after handling.

Fire prevention :

Prevent access by unauthorised personnel.

Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

No data available.

Storage

Keep out of reach of children.

Packaging

Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

No data available.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters****Occupational exposure limits :**

- Germany - AGW (BAuA - TRGS 900, 02/2022) :

CAS	VME :	VME :	Excess	Notes
3811-73-2		0.2 E mg/m ³		2(II)

- Switzerland (Suva 2021) :

CAS	VME	VLE	Valeur plafond	Notations
3811-73-2	0.2 ppm	0.4 ppm		
55965-84-9	0.2 ppm	0.4 ppm		

ODISHINE (VALABLE POUR TOUS LES COLORIS) - ODIF_ODISHINE

- UK / WEL (Workplace exposure limits, EH40/2005, Fourth Edition 2020) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
57-55-6	10 mg/m ³				

Derived no effect level (DNEL) or derived minimum effect level (DMEL):

PROPANE-1,2-DIOL (CAS: 57-55-6)

Final use:

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 168 mg of substance/m³

Workers.

Exposure method: Inhalation.
Potential health effects: Long term local effects.
DNEL : 10 mg of substance/m³

Final use:

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 50 mg of substance/m³

Consumers.

Exposure method: Inhalation.
Potential health effects: Long term local effects.
DNEL : 10 mg of substance/m³

Predicted no effect concentration (PNEC):

PROPANE-1,2-DIOL (CAS: 57-55-6)

Environmental compartment: Soil.
PNEC : 50 mg/kg

Environmental compartment: Fresh water.
PNEC : 206 mg/l

Environmental compartment: Sea water.
PNEC : 26 mg/l

Environmental compartment: Intermittent waste water.
PNEC : 183 mg/l

Environmental compartment: Fresh water sediment.
PNEC : 572 mg/kg

Environmental compartment: Marine sediment.
PNEC : 57.2 mg/kg

Environmental compartment: Waste water treatment plant.
PNEC : 20000 mg/l

Environmental compartment: Vermivore predators (oral).
PNEC : 1133 mg/kg

8.2. Exposure controls**Personal protection measures, such as personal protective equipment**

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.
Store personal protective equipment in a clean place, away from the work area.

ODISHINE (VALABLE POUR TOUS LES COLORIS) - ODIF_ODISHINE

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard EN166.

- Hand protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Type of gloves recommended :

- Natural latex

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))

- PVC (polyvinyl chloride)

- Butyl Rubber (Isobutylene-isoprene copolymer)

- Body protection

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties****Physical state**

Physical state : Fluid liquid.

Colour

Unspecified

Odour

Odour threshold : Not stated.

Melting point

Melting point/melting range : Not specified.

Freezing point

Freezing point / Freezing range : Not stated.

Boiling point or initial boiling point and boiling range

Boiling point/boiling range : Not specified.

Flammability

Flammability (solid, gas) : Not stated.

Lower and upper explosion limit

Explosive properties, lower explosivity limit (%) : Not stated.

Explosive properties, upper explosivity limit (%) : Not stated.

Flash point

Flash point interval : Not relevant.

Auto-ignition temperature

Self-ignition temperature : Not specified.

Decomposition temperature

Decomposition point/decomposition range : Not specified.

pH

pH : Not stated.

Slightly basic.

pH (aqueous solution) : Not stated.

Kinematic viscosity

Viscosity : Not stated.

Solubility

Water solubility : Dilutable.

Fat solubility : Not stated.

Partition coefficient n-octanol/water (log value)

Partition coefficient: n-octanol/water : Not stated.

ODISHINE (VALABLE POUR TOUS LES COLORIS) - ODIF_ODISHINE**Vapour pressure**

Vapour pressure (50°C) : Not relevant.

Density and/or relative density

Density : > 1

Relative vapour density

Vapour density : Not stated.

9.2. Other information

No data available.

9.2.1. Information with regard to physical hazard classes

No data available.

9.2.2. Other safety characteristics

No data available.

SECTION 10 : STABILITY AND REACTIVITY**10.1. Reactivity**

No data available.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Avoid :

- frost

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)

- carbon dioxide (CO₂)**SECTION 11 : TOXICOLOGICAL INFORMATION****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

No data available.

11.1.1. Substances**Acute toxicity :**

PYRIDINE-2-THIOL 1-OXIDE, SODIUM SALT (CAS: 3811-73-2)

Oral route : LD50 = 500 mg/kg bodyweight/day

Dermal route : LD50 = 790 mg/kg bodyweight/day

Inhalation route (n/a) : LC50 = 0.5 mg/l

PROPANE-1,2-DIOL (CAS: 57-55-6)

Oral route : LD50 = 22000 mg/kg bodyweight/day
Species : RatDermal route : LD50 = 20800 mg/kg bodyweight/day
Species : RabbitInhalation route (Dusts/mist) : LC50 > 317042 mg/l
Species : Rabbit
OECD Guideline 403 (Acute Inhalation Toxicity)

ODISHINE (VALABLE POUR TOUS LES COLORIS) - ODIF_ODISHINE**Skin corrosion/skin irritation :**

PYRIDINE-2-THIOL 1-OXIDE, SODIUM SALT (CAS: 3811-73-2)

Corrosivity : No observed effect.
OECD Guideline 404 (Acute Dermal Irritation / Corrosion)**Germ cell mutagenicity :**

PROPANE-1,2-DIOL (CAS: 57-55-6)

No mutagenic effect.

Ames test (in vitro) : Negative.

11.1.2. Mixture

No toxicological data available for the mixture.

11.2. Information on other hazards**Monograph(s) from the IARC (International Agency for Research on Cancer) :**

CAS 91-64-5 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

SECTION 12 : ECOLOGICAL INFORMATION**12.1. Toxicity****12.1.1. Substances**

PROPANE-1,2-DIOL (CAS: 57-55-6)

Fish toxicity : LC50 = 51400 mg/l
Species : Pimephales promelas
Duration of exposure : 96 hCrustacean toxicity : EC50 = 18340 mg/l
Species : Daphnia magna
Duration of exposure : 48 hAlgae toxicity : ECr50 = 19100 mg/l
Species : Skeletonema costatum
Duration of exposure : 96 h

PYRIDINE-2-THIOL 1-OXIDE, SODIUM SALT (CAS: 3811-73-2)

Fish toxicity : LC50 = 0.00767 mg/l
Factor M = 100
Species : Brachydanio rerio
Duration of exposure : 96 h
OECD Guideline 203 (Fish, Acute Toxicity Test)Crustacean toxicity : EC50 = 0.022 mg/l
Species : Daphnia magna
Duration of exposure : 48 h
OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)Algae toxicity : ECr50 = 0.46 mg/l
Species : Selenastrum capricornutum
Duration of exposure : 72 h
OECD Guideline 201 (Alga, Growth Inhibition Test)NOEC = 0.08 mg/l
Species : Scenedesmus capricornutum
Duration of exposure : 72 h
OECD Guideline 201 (Alga, Growth Inhibition Test)**12.1.2. Mixtures**

No aquatic toxicity data available for the mixture.

ODISHINE (VALABLE POUR TOUS LES COLORIS) - ODIF_ODISHINE**12.2. Persistence and degradability****12.2.1. Substances**

PYRIDINE-2-THIOL 1-OXIDE, SODIUM SALT (CAS: 3811-73-2)
Biodegradability : Rapidly degradable.

PROPANE-1,2-DIOL (CAS: 57-55-6)
Biodegradability : Rapidly degradable.

12.3. Bioaccumulative potential**12.3.1. Substances**

PROPANE-1,2-DIOL (CAS: 57-55-6)
Bioaccumulation : BCF = 0.09

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 data available.

German regulations concerning the classification of hazards for water (WGK, AwSV Annex I, KBws) :

Nicht wassergefährdend : Not hazardous for water.

SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

14.1. UN number or ID number

-

14.2. UN proper shipping name

-

14.3. Transport hazard class(es)

-

14.4. Packing group

-

14.5. Environmental hazards

-

14.6. Special precautions for user

-

ODISHINE (VALABLE POUR TOUS LES COLORIS) - ODIF_ODISHINE**14.7. Maritime transport in bulk according to IMO instruments**

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SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Classification and labelling information included in section 2:**

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2022/692 (ATP 18)

Container information:

No data available.

Restrictions applied under Title VIII of Regulation (EC) No. 1907/2006 (REACH):The mixture does not contain any substance restricted under Annex XVII of Regulation (EC) No. 1907/2006 (REACH):
<https://echa.europa.eu/substances-restricted-under-reach>.**Explosives precursors :**

The mixture does not contain any substance subject to Regulation (EU) 2019/1148 on the marketing and use of explosives precursors.

Particular provisions :

No data available.

German regulations concerning the classification of hazards for water (WGK, AwSV Annex I, KBws) :

Nicht wassergefährdend : Not hazardous for water.

15.2. Chemical safety assessment

No data available.

SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Wording of the phrases mentioned in section 3 :

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H372	Causes damage to organs through prolonged or repeated exposure .
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
EUH070	Toxic by eye contact.
EUH071	Corrosive to the respiratory tract.

Abbreviations and acronyms :

LD50 : The dose of a test substance resulting in 50% lethality in a given time period.

LC50 : The concentration of a test substance resulting in 50% lethality in a given period.

EC50 : The effective concentration of substance that causes 50% of the maximum response.

ECr50 : The effective concentration of substance that causes 50% reduction in growth rate.

NOEC : The concentration with no observed effect.

REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.

ATE : Acute Toxicity Estimate

BW : Body Weight

DNEL : Derived No-Effect Level

ODISHINE (VALABLE POUR TOUS LES COLORIS) - ODIF_ODISHINE

PNEC : Predicted No-Effect Concentration

STEL : Short-term exposure limit

TWA : Time Weighted Averages

TLV : Threshold Limit Value (exposure)

AEV : Average Exposure Value.

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungsklasse (Water Hazard Class).

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.