

## Section 1: Product and company information

### Product identifier

<b>Product code</b>	...
<b>Product name</b>	Actiflash
<b>Substance name</b>	N/A
<b>Reach No.</b>	A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline

### Relevant identified uses of the substances or mixture and uses advised against

#### Relevant Identified uses

<b>Main use category</b>	Laboratory use
<b>Professional use spec</b>	R&D use only
<b>Identified used</b>	Laboratory chemicals

### Details of the supplier of the safety data sheet

<b>Company</b>	Idylle 68 boulevard de Port-Royal 75005 Paris France
<b>Technical phone</b>	+33184172227
<b>Email address</b>	<a href="mailto:contact@idylle-labs.com">contact@idylle-labs.com</a>
<b>Emergency phone number</b>	
<b>France</b>	112
<b>Other countries</b>	ORFILA (INRS) : + 33 (0)1 45 42 59 59

## Section 2: Hazards identification

### Classification of the substance or mixture

<b>Classification according to Regulation (EC) No 1272/2008</b>	Acute toxicity, Oral (Category 4), H302 Carcinogenicity (Category 1B), H350 Reproductive toxicity (Category 1B), H360FD Short-term (acute) aquatic hazard (Category 1), H400 Long-term (chronic) aquatic hazard (Category 1), H410
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For the full text of the H-Statements mentioned in this Section, see Section 16.

## Label elements

### Labelling according Regulation (EC) No 1272/2008

#### Pictogram



#### Signal word

Danger

#### Hazard statement(s)

**H302**

Harmful if swallowed.

**H350**

May cause cancer.

**H360FD**

May damage fertility. May damage the unborn child.

**H410**

Very toxic to aquatic life with long lasting effects.

#### Precautionary statement(s)

**P201**

Obtain special instructions before use.

**P273**

Avoid release to the environment.

**P301 + P312 + P330**

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

**P308 + P313**

IF exposed or concerned: Get medical advice/attention.

#### Supplemental Hazard Statements

None

## Section 3: Composition Information on ingredients

### Substances

#### Synonyms

2-(4-((4-(4,5-dimethoxy-2-nitrobenzyloxy)phenyl)(cyclohexylidene)methyl)phenoxy)-N,N-dimethylethanamine

#### Formula

C<sub>32</sub>H<sub>38</sub>N<sub>2</sub>O<sub>6</sub>

#### Molecular weight

546,66 g/mol

#### CAS-No.

1246852-94-7

Component	Classification	Concentration
<b>Actiflash</b>		
	Acute Tox. 4; Carc. 1B; Repr. 1B; Aquatic Acute 1; Aquatic Chronic 1; H302, H350, H360FD, H400, H410 M-Factor - Aquatic Acute: 1 - Aquatic Chronic: 1	<=100%

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

## Section 4: First aids measures

<b>If inhaled</b>	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
<b>In case of skin contact</b>	Wash off with soap and plenty of water. Consult a physician
<b>In case of eye contact</b>	Flush eyes with water as a precaution
<b>If swallowed</b>	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
<b>Most important symptoms and effects, both acute and delayed</b>	The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11
<b>Indication of any immediate medical attention and special treatment needed</b>	No data available

## Section 5: Firefighting measures

<b>Extinguishing media</b>	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
<b>Special hazards arising from the substance or mixture</b>	Carbon oxides, Nitrogen oxides (NOx) Combustible.
<b>Advice for firefighters</b>	Wear self-contained breathing apparatus for firefighting if necessary.
<b>Further information</b>	No data available

## Section 6: Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
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For personal protection see section 8.

**Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

**Methods and materials for containment and cleaning up**

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

**Reference to other sections**

For disposal see section 13.

## Section 7: Handling and storage

**Precautions for safe handling**

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Avoid exposure -obtain special instructions before use. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.

**Conditions for safe storage, including any incompatibilities**

Keep container tightly closed in a dry and well-ventilated place. Store in cool place. Shield from light. Recommended storage temperature -20 °C. Keep in a dry place.

**Specific end use(s)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

## Section 8: Exposure controls/personal protection

**Control parameters**

Components with workplace control parameters

**Exposure controls**

**Appropriate engineering controls**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**Personal protective equipment**

## Eye/face protection

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

## Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.

### Full contact

Material: Nitrile rubber

Minimum layer thickness: 0,11 mm

Break through time: 480 min

Material tested: Dermatril® (KCL 740 / Aldrich Z677272, Size M)

### Splash contact

Material: Nitrile rubber

Minimum layer thickness: 0,11 mm

Break through time: 480 min

Material tested: Dermatril® (KCL 740 / Aldrich Z677272, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

## Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be

selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Control of environmental exposure**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

**Section 9: Physical and chemical properties**

**Information on basic physical and chemical properties**

<b>Appearance</b>	Form: powder Colour: white
<b>Odour</b>	No data available
<b>Odour Threshold</b>	No data available
<b>pH</b>	No data available
<b>Melting point/freezing point</b>	No data available
<b>Initial boiling point and boiling range</b>	No data available
<b>Flash point</b>	No data available
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Upper/lower flammability or explosive limits</b>	No data available
<b>Vapour pressure</b>	No data available

<b>Vapour density</b>	No data available
<b>Vapour density</b>	No data available
<b>Water solubility</b>	No data available
<b>Partition coefficient:</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Decomposition temperature</b>	No data available
<b>Viscosity</b>	No data available
<b>Explosive properties</b>	No data available
<b>Oxidizing properties</b>	No data available
<b>Other safety information</b>	No data available

## Section 10: Stability and reactivity

<b>Reactivity</b>	No data available
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions</b>	No data available
<b>Conditions to avoid</b>	No data available
<b>Incompatible materials</b>	Oxidizing agents
<b>Hazardous decomposition products</b>	Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides (NOx). Other decomposition products - No data available In the event of fire: see section 5

## Section 11: Toxicological information

### Information on toxicological effects

<b>Acute toxicity</b>	No data available
<b>Skin corrosion/irritation</b>	No data available
<b>Serious eye damage/eye irritation</b>	No data available
<b>Respiratory or skin sensitisation</b>	No data available
<b>Germ cell mutagenicity</b>	No data available
<b>Carcinogenicity</b>	Presumed to have carcinogenic potential for humans IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
<b>Reproductive toxicity</b>	May damage fertility. May damage the unborn child.
<b>Specific target organ toxicity – single exposure</b>	No data available
<b>Specific target organ toxicity – repeated exposure</b>	No data available
<b>Aspiration hazard</b>	No data available
<b>Additional Information</b>	<b>RTECS:</b> .... To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Liver - Irregularities - Based on Human Evidence

## Section 12: Ecological information

### Toxicity

<b>Toxicity to fish</b>	LC50 - Oncorhynchus mykiss (rainbow trout) - 0,32 mg/l - 96 h (OECD Test Guideline 203) Remarks: The value is given in analogy to the following substances: (Z)-4-Hydroxytamoxifen
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LC50 - Oncorhynchus mykiss (rainbow trout) -  
0,41 mg/l - 96 h

Remarks: The value is given in analogy to the following substances: (Z)-4-Hydroxytamoxifen

LC50 - Lepomis macrochirus (Bluegill sunfish) -  
0,23 mg/l - 96 h

Remarks: The value is given in analogy to the following substances: (Z)-4-Hydroxytamoxifen

<b>Persistence and degradability</b>	No data available
<b>Bioaccumulative potential</b>	No data available
<b>Mobility in soil</b>	No data available
<b>Results of PBT and vPvB assessment</b>	This 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.
<b>Other adverse effects</b>	Very toxic to aquatic life with long lasting effects.

## Section 13: Disposal consideration

### Waste treatment methods

**Product** Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

**Contaminated packaging** Dispose of as unused product.

## Section 14: Transport Information

### UN number

ADR/RID: -

IMDG: -

IATA: -

**UN proper shipping name**

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

**Transport hazard class(es)**

ADR/RID: -      IMDG: -      IATA: -

**Packaging group**

ADR/RID: -      IMDG: -      IATA: -

**Environmental hazards**

ADR/RID: no      IMDG Marine pollutant: no      IATA: no

**Special precautions for user**

No data available

## Section 15: Regulatory information

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

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

**Chemical safety assessment**

For this product a chemical safety assessment was not carried out.

## Section 16: Other Information

**Full text of H-Statements referred to under sections 2 and 3.**

- H302** Harmful if swallowed.
- H350** May cause cancer.
- H360FD** May damage fertility. May damage the unborn child.
- H400** Very toxic to aquatic life.
- H410** Very toxic to aquatic life with long lasting effects.

**Classification and procedure used to establish classification of mixtures according to regulation (EC) 1272/2008 [CLP]:**

*According to Regulation (EC) No. 1907/2006(REACH) with its amendment Regulation (EC) No. 453/2010-830/2015*

The foregoing information was gathered by diligent research and / or control and the recommendations are based on prudent application of professional judgment. This information should not be considered as exhaustive and should only be used as an indication. All products and mixtures can present unknown hazards and should be used with caution. Since the Company cannot the methods, volumes or actual conditions of use, the Company will not be held liable for any damage or loss resulting from the handling of the product described herein or from contact therewith. THE INFORMATION IN THIS MATERIAL SAFETY DATA SHEET DO NOT CONSTITUTE A WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE