


## 2-Aminofluorene

Material Safety Data Sheet according to 1907/2006/EC Article 31 (REACH)

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND THE COMPANY UNDERTAKING		
Product name:	2-Aminofluorene	
Product code:	PPC-AF10	
Synonyms:	2-AF	
Recommended uses:	Not for use in humans, not for diagnostic purposes. Research use only.	
Supplier:	Xenometrix AG, Gewerbestrasse 25, CH-4123 Allschwil, Switzerland	
Emergency contact numbers:	+41 61 482 14 34	
Country of origin:	Switzerland	
HS Code:	3822.1900	
2. HAZARDS IDENTIFICATION		
Classification:	According to regulation (EC) No 1272/2008[EU-GHS/CLP] not a hazardous substance or mixture.	
Label element:	Keep out of the reach of children	
	Pictogram:	
		
Hazard statement(s):	Signal word:	Warning
	H302	Harmful if swallowed.
	H341	Suspected of causing genetic defects.
	H351	Suspected of causing cancer.
Precautionary statement(s):	P202	Do not handle until all safety precautions have been read and understood.
	P264	Wash hands thoroughly after handling.
	P270	Do not eat, drink or smoke when using this product.
	P281	Use personal protective equipment as required.
	P301 + P312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
	P308 + P313	IF exposed or concerned: Get medical advice/attention.
	P405	Store locked up.
	P501	Dispose of contents/container in accordance with local/regional/national/international regulation.
Other hazards:	acute toxicity (Category 4), germ cell mutagenicity 2, carcinogenicity (Category 2)	
3. COMPOSITION / INFORMATION ON INGREDIENTS		
Product:	Molecular formula	C <sub>13</sub> H <sub>11</sub> N
	Molecular weight	181.23 g/mol
Description:	Component is used as positive control in an assay.	
CAS-No:	153-78-6	
EINECS Number:	205-817-8	
Index-No:	No data available	
Other information:	Component is a powder	
4. FIRST AID MEASURES		
Eye contact:	Remove contact lenses. Rinse thoroughly with plenty of water for at least 15 minutes. If contact lenses can't remove, continue washing. Consult a physician or an expert.	
Skin contact:	Remove contaminated clothing and wash before renew use. Wash off with soap and plenty of water. Consult a physician.	
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<b>Inhalation:</b>	Move person into fresh air and control respiration. If not breathing, give artificial respiration. Consult a physician.
<b>Ingestion:</b>	Never give anything by mouth to an unconscious person. Consult a physician. Never cause nausea. Rinse mouth with water. Concerned person should drink water, better milk (two glasses at most). If nausea: Beware swallowing and keeping in recovery position.

## 5. FIRE-FIGHTING MEASURES

<b>Extinguishing media:</b>	foam, dry extinguishing powder, carbon dioxide (CO <sub>2</sub> ), water spray jet
<b>Special hazards arising from the substance or mixture:</b>	Wear a self-contained breathing apparatus and chemical protective clothing. Hazards During Fire-Fighting: toxic fumes
<b>Advice for firefighters:</b>	Do not inhale explosion and combustion gases. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Use proper personal protective equipment as indicated in Section 8. Wear self-contained breathing apparatus, eye protection and gloves. Keep personal hygiene. Avoid contact with skin and eyes. Avoid dust formation. Avoid breathing dust, vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
<b>Environmental precautions:</b>	Do not let product enter the drains.
<b>Methods and materials for containment and cleaning up:</b>	Ensure adequate ventilation. Avoid direct contact with the product. Evacuate personnel to safe areas. Sweep up with suitable material. Keep in suitable, closed containers for disposal. Clean up affected area.

## 7. HANDLING AND STORAGE

<b>Handling:</b>	Handle in accordance with good laboratory hygiene and safety practice. This product is not combustible. Firefighting measures see section 5. Open container carefully. No other information available.
<b>Storage:</b>	Store in the original container as much as possible. Recommended storage temperature: 2 - 8°C; Keep container tightly closed. Store away from incompatible materials such as oxidizing agents. Light sensitive. Air-sensitive. Store under inert gas. Protect from light.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Eye protection:</b>	Wear safety glasses with side protection. Wear appropriate protective safety glasses with side-shields conforming to EN166, chemical safety goggles or face-shield (min. 8-inch) as described by OSHA's eye and face protection regulations. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).
<b>Skin protection:</b>	Wear appropriate protective gloves to prevent skin exposure, as defined in EU Directive 89/686/EEC and the standard EN 374 derived from it.
<b>Body protection:</b>	Appropriate protective clothing, overalls.
<b>Respiratory protection:</b>	Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N95 (US) or type P1 (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).

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9. PHYSICAL AND CHEMICAL PROPERTIES		
Appearance:	White solid in a Vial	
Odour:	No data available	
pH:	No data available	
Melting point:	124 - 130 °C	
Boiling point:	No data available	
Flash point:	No data available	
Evaporation rate:	No data available	
Flammability:	Product is not flammable or explosive	
Self-ignition temp.:	Product is not self-igniting	
Danger of Explosion:	Product does not present an explosion hazard	
lower explosion limit:	No data available	
upper explosion limit:	No data available	
Decomposition Temp.:	No data available	
Kinematic Viscosity:	No data available	
Vapor Pressure:	No data available	
Relative Density (20°C):	No data available	
Relative Gas Density (20°C):	No data available	
Solubility (20°C):	Soluble in DMSO	
Partition coefficient		
n-octanol/water:	No data available	
Log KOW:	No data available	
10. STABILITY AND REACTIVITY		
Chemical stability:	Stable under normal storage conditions and recommended use	
Conditions to avoid:	High humidity or direct sunlight	
Incompatibilities with other materials:	Strong oxidizing agents.	
Hazardous decomposition products:	Nitrogen oxides (NOx), carbon dioxide (CO2), carbon monoxide	
11. TOXICOLOGICAL INFORMATION		
Acute toxicity:	LD50: No data available LC50: No data available.	
RTECS#:	No data available	
Skin corrosion/irritation:	May causes skin irritation.	
Serious eye damage/eye irritation:	Causes serious eye irritation.	
Respiratory or skin sensitization:	May be harmful if inhaled. May cause headache and nausea.	
Carcinogenicity rat :	No data available	
Carcinogenicity mouse :	No data available	
Reproductive toxicity:	Data not available.	
Specific target organ toxicity:	No data available	
Aspiration hazard:	Data not available.	
Signs and symptoms of exposure:	To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.	
Target organs:	Data not available.	
Potential health effects:	Data not available.	
Other:	No data available.	
12. ECOLOGICAL INFORMATION		
Toxicity:	Not classified	
Persistence and degradability:	No data available	
Bioaccumulative potential:	No data available	
Mobility in soil:	No data available	
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**Result of PBT and vPvB assessment:** No data available

**Other adverse effects:** No data available

### 13. DISPOSAL CONSIDERATION

**Waste treatment methods:** Avoid discharge in environment.

**Treatment key:** Ask your local administration.

**Contaminated packaging/ product:** No data available.

**Special precaution:** No data available.

**Other:** Observe all federal, state and local environmental regulations. Mix or dissolve the material in a combustible solvent and burn in chemical incinerator equipped with an afterburner and scrubber. Contact a licensed professional waste disposal service to dispose of this material.

### 14. TRANSPORT INFORMATION

**ADR / RID** Not classified as hazardous for transport.

**IMDG** Not classified as hazardous for transport.

**IATA** Not classified as hazardous for transport.

### 15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006. Safety, health and environmental regulations/legislation specific for the substance or mixture: no data available.

Chemical Safety Assessment: A chemical safety assessment was not carried out for this product

### 16. ADDITIONAL INFORMATION

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