

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830

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

1.1 Product identifier	
Product Name	6-Fluoro-4-hydroxy-2-(trifluoromethyl)quinoline
Synonyms	6-Fluoro-2-(trifluoromethyl)quinolin-4-ol
Chemical Name	6-Fluoro-4-hydroxy-2-(trifluoromethyl)quinoline
Chemical Formula	C10H5F4NO
CAS No.	31009-34-4
EC No.	Not Applicable
Index No.	Not Applicable
REACH Registration No.	Not applicable.
1.2 Relevant identified uses of the sub	stance or mixture and uses advised against
Identified Use(s)	PC21 Laboratory chemicals, Research and development use only
1.3 Details of the supplier of the safety	/ data sheet
Company Identification	Ossila Limited
Address of Supplier	Solpro Business Park
	Windsor Street
	Sheffield
Postal code	S4 7WB, UK
Telephone:	+441142999180
E-mail	info@ossila.com
	1110@05511a.com

08:00 - 17:00

E-mail Office hours 1.4 Emergency telephone number Emergency Phone

Other Regions	Emergency Phone Number (CHEMTREC)
Europe, Middle East, Africa	+44 20 3885 0382
North America	+1 703 527 3887
Central America	+52 55 8526 4930
South America	+55 11 4349 1359
Asia, India, and Oceania	+65 3163 8374

+44 (0) 20 3885 0382 (CHEMTREC)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or Regulation (EC) No. 1272/2008 (CLP)	
2.2 Label elements	
Product Name	According to Regulation (EC) No. 1272/2008 (CLP) 6-Fluoro-4-hydroxy-2-(trifluoromethyl)quinoline
Hazard Pictogram(s)	GHS06
Signal Word(s)	Danger
Hazard Statement(s)	H301: Toxic if swallowed
Precautionary Statement(s)	P301 + P310 + P330: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth.

2.3 Other hazards

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.

2.4 Additional Information

Not applicable.



SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances				
Hazardous ingredient(s)	CAS No.	EC No.	%W/W	Hazard Statement(s)
6-Fluoro-4-hydroxy-2-	31009-34-4	Not	≤100	Acute Tox. 3 H301
(trifluoromethyl)quinoline		Applicable		
3.2 Mixtures				
SECTION 4: FIRST AID MEASURES				
4.1 Description of first aid measures		1.1		
General Advice	from exposure (see Section 8	for recon	ken adequate steps to protect themselves nmended personal protection equipment)
				or in attendance.
Inhalation	Remove person	to fresh air a	nd keep c	omfortable for breathing. If not breathing give
				NTER or doctor/physician.
Skin Contact				amounts of water for at least 15 minutes.
			ng and sho	bes. Call a POISON CENTER or
	doctor/physiciar			
Eye Contact				minutes. Remove contact lenses, if present
	and easy to do.			
Ingestion			ENTER C	or doctor/ physician. Rinse mouth.
4.2 Most important symptoms and e				
				both acute and delayed, are included on
	labelling (Sectio			
4.3 Indication of any immediate med	dical attention and Treat symptoma		ment nee	ded
SECTION 5: FIREFIGHTING MEASUR	RES			
5.1 Extinguishing media				
Suitable Extinguishing media	As appropriate f	or surroundin	a fire.	
Unsuitable extinguishing media	As appropriate f			
5.2 Special hazards arising from the			3	
	Carbon oxides			
	Hydrogen fluorio	de qas		
	Nitrogen oxides			
5.3 Advice for firefighters		(
	Fire fighters sho	ould wear com	nplete prot	ective clothing including self-contained
	breathing appar		ipiete piet	
SECTION 6: ACCIDENTAL RELEASE	EMEASURES			
6.1 Personal precautions, protective				
	Follow safe han	dling advice a	and persor	nal protective equipment recommendations
	(as per section 8	8). Provide ac	lequate ve	entilation.
6.2 Environmental precautions				
	Avoid release to	the environn	nent.	
6.3 Methods and material for contai	nment and cleanin	g up		
				king dust. Use vacuum equipment for
	collecting spilt n local, state or na			able. Dispose of contents in accordance with
6.4 Reference to other sections				
	See Also Sectio	n 8, 13.		
SECTION 7: HANDLING AND STORA	AGE			
7.1 Precautions for safe handling				
Advice on safe handling	Avoid inhalation	, ingestion, a	nd contact	t with skin and eyes. Use only in a well-
5				g as per section 8.
Hygiene measures				hands after handling, before breaks, and at
	the end of worke			.
7.2 Conditions for safe storage, incl				
			e. Keep c	ontainer tightly closed. Store locked up.
Storage temperature	3-5 °C	•	•	•

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



SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

	-	
Q 1	Control	parameters

8.1.1 Occupational Exposure Limits

	No Occupational Exposure Limit assigned.
8.2 Exposure controls	
8.2.1. Appropriate engineering controls	Ensure adequate ventilation and/or exhaust. A washing facility/water for eye and skin cleaning purposes should be present.
8.2.2. Personal protection equipment	
Eye Protection	Wear eye protection with side protection tested and approved under appropriate government standards such as EN166 (EU).
Hand protection	Handle with gloves. Gloves must be inspected prior to use and proper glove removal techniques should be used. The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.
Body protection	Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.
Respiratory protection	Where risk assessment shows air-purifying respirators are appropriate use a full- face particle respirator type N99 (US) or type P2 (EN 143) respirator cartridges as a backup to engineering controls.
Thermal hazards	None known.
8.2.3. Environmental Exposure Controls	Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

9.1 Information on basic physical and	
Physical State	Solid: Powder.
Colour	Off-white.
Odour	Not known.
Odour threshold	Not known.
Melting point/freezing point	259-263 °C
Initial boiling point and boiling range	Not known.
Flammability	Not known.
Lower and upper explosion limit	Not known.
Flash Point	Not known.
Auto-ignition temperature (°C)	Not known.
Decomposition temperature (°C)	Not known.
pH	Not known.
Kinematic viscosity	Not known.
Solubility(ies)	Solubility (Water): Not known.
	Solubility (Other): Not known.
Partition coefficient: n-octanol/water (log value)	Not known.
Vapour pressure	Not known.
Density	Not known.
Relative density	Not known.
Relative vapour density	Not known.
Particle characteristics	Not known.
9.2 Other information	
	None.

SECTION 10: STABILITY AND REACTIVITY		
10.1 Reactivity		
	None anticipated.	
10.2 Chemical Stability		
	Stable under recommended storage conditions.	
10.3 Possibility of hazardous re	eactions	
	Not known.	
10.4 Conditions to avoid		
	Not known.	
10.5 Incompatible materials		
	Not known.	
10.6 Hazardous decomposition	products	
	In the event of fire: see Section 5	

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects		
Acute toxicity - Ingestion	No data available.	
Acute toxicity - Skin Contact	No data available.	
Acute toxicity - Inhalation	No data available.	
Skin corrosion/irritation	No data available.	
Serious eye damage/irritation	No data available.	



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SECTION 15: REGULATORY INFORMATION		•
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15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture European Regulations - Authorisations and/or Restrictions On Use



Candidate List of Substances of Very High Concern for Authorisation REACH: ANNEX XIV list of substances	Not listed
subject to authorisation REACH: Annex XVII Restrictions on the	
manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	Not listed
Community Rolling Action Plan (CoRAP)	Not listed
Regulation (EC) N° 850/2004 of the	Not listed
European Parliament and of the Council	
on persistent organic pollutants	
Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer	Not listed
Regulation (EU) N° 649/2012 of the	Not listed
European Parliament and of the Council	
concerning the export and import of	
hazardous chemicals	
National regulations	
Other	Not known.
15.2 Chemical Safety Assessment	
	A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

LEGEND

Acronyms	ADN : European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road CAS : Chemical Abstracts Service CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures DNEL : Derived No Effect Level EC : European Community EINECS : European Inventory of Existing Commercial Chemical Substances IATA : International Air Transport Association IBC : Internediate Bulk Container ICAO : International Civil Aviation Organization IMDG : International Maritime Dangerous Goods LTEL : Long term exposure limit PBT : Persistent, Bioaccumulative and Toxic PNEC : Predicted No Effect Concentration REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals RID : Regulations concerning the International Carriage of Dangerous Goods by Rail STEL : Short term exposure limit STOT : Specific Target Organ Toxicity UN : United Nations vPvB : very Persistent and very Bioaccumulative
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