1: Identification	n of substance / mi	xture		
1. Product Identifier Substance				
Product Name	8-fluoro-3a	,4,5,9b-tetrahydro-3H-cyclopen	ta[c]quinoline-4-carboxylic acid	
Product Code				
CAS Number	354816-24-	3		
Other Names				
IUPAC				
MFCD Number	r MFCD0119	0818		
EC/EINECS				
REACH Numb	er		Index-No	
2. Relevant ide	entified uses of th	e substance or mixture and	uses advised against	
3 Details of th	ne supplier of the	safety data sheet		
Fluorochem Lte		Survey data Shoet	fluorochom	
Unit 14,Graphi			fluorochem	
Hadfield	ie way			
Derbyshire		Telephone:	+44(0)1457 860111	
SK13 1QH		Fax:	+44(0)1457 892799	
UK		Email:	sds@fluorochem.co.uk	
<b>4. Emergency</b> +44(0)7855 26	r <b>telephone numb</b> o 8577 -	er		
2. Hazards Ide	entification			
1. Classification	on of the substan	ce or mixture		
H315	Skin Irrit. 2			
H319	Eye Irrit. 2			
H335	STOT SE 3			
2. Label eleme	ents			
Signal Word	Warning			
	K			
Hazard Stater	nents	•		
H315	Causes skin irritat	ion		
H319	Causes serious ey			
H335	May cause respiratory irritation.			
Precautionary Phrases				
P264		roughly after handling.		
P302 + P352		ish with plenty of soap and wa	ter.	
P304 + P340			eep at rest in a position comfortable for breathing.	
P305 + P351			everal minutes. Remove contact lenses, if present and	
+ P338	easy to do. Cont	easy to do. Continue rinsing.		
P332 + P313 If skin irritation occurs: Get medical advice/attention.				
P337 + P313 If eye irritation persists: Get medical advice/attention.				
3. Other Hazar	ds			
Additional precautionary phrases are located throughout the safety data sheet				
3. Composition / Information on Ingredients				
1. Substances				

Safety Data Sheet

Revision: 3.00 Modified: 2022-07-08

Product Name       Hazards       Concentration         6-fluoro-3a,4,5,9b-tetrahydro-3H-cyclopenta[c]quinoline-4-carboxylic acid       CAS Number: 354816-24-3       H316, H319, H335 Eye Irrit, 2, Stin Irrit, 2, STOT SE 3       <=100%         4. First Aid Measures       Skin Contact       P302 + P352: IF ON SKIN: Wash with plenty of scap and water. P332 + P351: If san irritation occurs: Get medical advice/attention. P332 + P315: If san irritation occurs: Get medical advice/attention. P333 + P315: If san irritation occurs: Get medical advice/attention. P337 + P315: If san irritation pesists: Get medical advice/attention. P337 + P315: If san irritation pesists: Get medical advice/attention. P337 + P316: If P916 irritation pesists: Get medical advice/attention. P337 + P316: If P916 irritation pesists: Get medical advice/attention. P337 + P316: If INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing         2. Most important symptoms and effects       No symptoms.         3. Indication of any immediate medical attention       P312: Call approxemental provider. Water.         No additional measures required       Carbon dioxide. Dry chemical powder. Water.         5. Firelighting measures       Carbon dioxide. Dry chemical powder. Water.         6. Additional for Fire Fighters       Water.         8. Advice for Fire Fighters       Kear protective clothing to prevent contact with skin and eyes. Wear sel-contained breathing apparatus.         6. Accedental Release Measures       Environmental Precautions Refer to secutions & GSDS for personal protection details.	Language . English		Salety Data Officer	Modified: 2022-07-0
CAS Number: 354816-24-3 [H315, H319, H335 Eye Irrit. 2, Skin Irrit. 2, STOT SE 3       <=100%	Product Name		Hazards	Concentration
<ul> <li>4. First Aid Measures</li> <li>1. Description of first aid measures</li> <li>Skin Contact P302 + P352: IF ON SKIN: Wash with plenty of scap and water. P332 + P313: If skin intation occurs: Get medical advice/attention.</li> <li>Eye Contact P305 + P31: If skin intation occurs: Get medical advice/attention.</li> <li>Eye Contact P333 + P313: If skin intation occurs: Get medical advice/attention.</li> <li>Inpresent and easy to do. Continue rinsing. P337 + P313: If eye inflation persists: Get medical advice/attention.</li> <li>Inpresent and easy to do. Continue rinsing. P337 + P313: If eye inflation persists: Get medical advice/attention.</li> <li>Instantion P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing</li> <li>A Most important symptoms and effects</li> <li>No symptoms.</li> <li>3. Indication of any immediate medical attention</li> <li>P312: Call a POISON CENTER or doctor/physician if you feel unwell.</li> <li>No additional measures required</li> <li>5. Frefighting measures</li> <li>1. Extinguishing Media</li> <li>Suitable Carbon dioxide. Dry chemical powder. Water:</li> <li>Unsuitable Do not use water with a full water jet</li> <li>2. Special Hazards arising from the substance or mixture</li> <li>In combustion toxic fumes may form.</li> <li>3. Advice for Fire Fighters</li> <li>Wear protective clothing to prevent contact with skin and eyes.</li> <li>Wear set-contained breathing apparatus.</li> <li>6. Accidental Release Measures</li> <li>1. Personal Precautions</li> <li>Do not discharge into drains or rivers.</li> <li>3. Methods &amp; Materials</li> <li>Mik with asand or vermiculite. Transfer to a suitable container.</li> <li>4. Preventing the occurrence of secondary hazards.</li> </ul>	3-fluoro-3a,4,5,9b	-tetrahydro-3H-cyclopenta[c]	quinoline-4-carboxylic acid	
1. Description of first aid measures         Skin Contact       P302 + P352: IF ON SKIN: Wash with plenty of scap and water. P332 + P313: If skin intaktion occurs: Get medical advice/attention.         Eye Contact       P305 + P31: If skin intaktion occurs: Get medical advice/attention.         Image: Contact       P305 + P31: If skin initiation persists: Get medical advice/attention.         Image: Contact       P305 + P31: If skin initiation persists: Get medical advice/attention.         Image: Contact       P303 + P31: If skin initiation persists: Get medical advice/attention.         Image: Contact       P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.         Image: Contact Symptoms and effects       No symptoms.         3. Indication of any immediate medical attention       P31: Call a POISON CENTER or doctor/physician if you feel unwell. No additional measures required         5. Firefighting measures       Cathon dioxide. Dry chemical powder. Water.       Distributer Symptoms and effects         6. Suitable       Cathon dioxide. Dry chemical powder. Water.       Distributer Symptoms.         3. Advice for Fire Fighters       Water with a full water jet       2. Special Hazards arising from the substance or mixture In combustion toxic fumes may form.         3. Advice for Fire Fighters       Waar protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.         6. Accidental Release Measures       1		CAS Number: 354816-24-3	H315, H319, H335 Eye Irrit. 2, Skin Irrit. 2, S	STOT SE 3 <=100%
Skin Contact       P302 + P352: IF ON SKIN: Wash with plenty of scap and water. P302 + P312: P312 + P312: FIN EYES: Sine cauliously with water for several minutes. Remove contact lenses, if present and casy to do. Continue rinsing. P337 + P313: FIN EYES: Sines cauliously with water for several minutes. Remove contact lenses, if present and casy to do. Continue rinsing. P337 + P331: FIN EYES: Sines cauliously with water for several minutes. Remove contact lenses, if present and casy to do. Continue rinsing. P337 + P331: FIN EYES: Remove victim to fresh air and keep at rest in a position comfortable for breathing         2. Most important symptoms and effects No symptoms.       Nost important symptoms and effects         3. Indication of any immediate medical attention P312: Call a POISON CENTER or doctor/physician if you feel unwell. No additional measures required         5. Firefighting measures         1. Extinguishing Media Suitable         Suitable       Carbon dioxide. Dry chemical powder. Water.         Unsuitable       Do not use water with a full water jet         2. Special Hazards arising from the substance or mixture In combustion toxic furmes may form.         3. Advice for Fire Fighters Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.         6. Accidential Release Measures         1. Personal Precautions Refer to section 8 of SDS for personal protection details.         2. Environmental Precautions Do not discharge into drains or rivers.         3. Methods & Materials Ma with sand or vernicuitite	4. First Aid Meas	ures		
P332 + P312 : If skin irritation occurs: Get médical advice/attention.         Eye Contact       P305 + P332 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P357 + P313 : IF use irritation parsists: Get medical advice/attention.         Ingestion       Wash out mouth with water.         Inhalation       P304 + P302 : IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing         2. Most important symptoms and effects       No symptoms.         3. Indication of any immediate medical attention       P312 : Call a POISON CENTER or doctor/physician if you feel unwell.         No additional measures required       Striftighting measures         1. Extinguishing Media       Suitable         Suitable       Carton dioxide. Dry chemical powder. Water.         Unsuitable       Do not use water with a full water jet         2. Special Hazards arising from the substance or mixture       In combustion toxic fumes may form.         3. Advice for Fire Fighters       Wear protective clothing to prevent contact with skin and eyes.         Wear self-contained breathing apparatus.       Environmental Precautions         Refer to section 8 of SDS for personal protection details.       Environmental Precautions         Do not discharge into drains or rivers.       Materials         Mix with sand or verniculite. Transfer to a suitable container.       Preventing the	1. Description of	first aid measures		
present and easy to do. Continue rinsing.         P337 + P313: If eye initiation persists: Get medical advice/attention.         Inpestion       Wash out mouth with water.         Inhalation       P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing         2. Most important symptoms and effects       No symptoms.         3. Indication of any immediate medical attention       P312: Call a POISON CENTER or doctor/physician if you feel unwell.         No additional measures required       Second doctor         4. Extinguishing Media       Carbon dioxide.         Dry chemical powder.       Water.         Unsuitable       Carbon dioxide.         Dry chemical powder.       Water.         Unsuitable       Do not use water with a full water jet         2. Special Hazards arising from the substance or mixture       In combustion toxic fumes may form.         3. Advice for Fire Fighters       Water enclated with skin and eyes.         Wear self-contained breathing apparatus.       E         6. Accidental Release Measures       E         1. Personal Precautions       Refer to section 8 of SDS for personal protection details.         2. Environmental Precautions       Do not discharge into drains or rivers.         3. Methods & Materials       Mix with sand or vermiculte.         Mix with sand or vermi	Skin Contact			
Ingestion       Wash out mouth with water.         Inhelation       P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing         2. Most important symptoms and effects       No symptoms.         3. Indication of any immediate medical attention       P312: Call a POISON CENTER or doctor/physician if you feel unwell.         No additional measures required       S. Firefighting measures         1. Extinguishing Media       Suitable         Suitable       Carbon dioxide. Dry chemical powder. Water.         Unsuitable       Do not use water with a full water jet         2. Special Hazards arising from the substance or mixture         In combustion toxic fumes may form.         3. Advice for Fire Fighters         Wear protective clothing to prevent contact with skin and eyes.         Wear self-contained breathing apparatus.         6. Accidental Release Measures         1. Personal Precautions         Refer to section 8 of SDS for personal protection details.         2. Environmental Precautions         Do not discharge into drains or rivers.         3. Methods & Materials         Mix with sand or vermiculite. Transfer to a suitable container.         4. Preventing the occurrence of secondary hazards.	Eye Contact	P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.		
2. Most important symptoms and effects No symptoms.  3. Indication of any immediate medical attention P312: Call a POISON CENTER or doctor/physician if you feel unwell. No additional measures required  5. Firefighting measures  1. Extinguishing Media Suitable Carbon dioxide. Dry chemical powder. Water. Unsuitable Do not use water with a full water jet  2. Special Hazards arising from the substance or mixture In combustion toxic fumes may form.  3. Advice for Fire Fighters Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.  6. Accidental Release Measures  1. Personal Precautions Do not discharge into drains or rivers.  3. Methods & Materials Mix with sand or vermiculite. Transfer to a suitable container.  4. Preventing the occurrence of secondary hazards.	Ingestion	-		
No symptoms.  3. Indication of any immediate medical attention P312: Call a POISON CENTER or doctor/physician if you feel unwell. No additional measures required  5. Firefighting measures  1. Extinguishing Media Suitable Carbon dioxide. Dry chemical powder. Water. Unsuitable Do not use water with a full water jet  2. Special Hazards arising from the substance or mixture In combustion toxic fumes may form.  3. Advice for Fire Fighters Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.  6. Accidential Release Measures  1. Personal Precautions Do not discharge into drains or rivers.  3. Methods & Materials Mix with sand or vermiculite. Transfer to a suitable container.  4. Preventing the occurrence of secondary hazards.	Inhalation	P304 + P340: IF INHALED: F	Remove victim to fresh air and keep at rest in a p	osition comfortable for breathing.
P312: Call a POISON CENTER or doctor/physician if you feel unwell.         No additional measures required         5. Firefighting measures         1. Extinguishing Media         Suitable       Carbon dioxide. Dry chemical powder. Water.         Unsuitable       Do not use water with a full water jet         2. Special Hazards arising from the substance or mixture In combustion toxic fumes may form.         3. Advice for Fire Fighters         Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.         6. Accidental Release Measures         1. Personal Precautions Refer to section 8 of SDS for personal protection details.         2. Environmental Precautions Do not discharge into drains or rivers.         3. Methods & Materials Mix with sand or vermiculite. Transfer to a suitable container.         4. Preventing the occurrence of secondary hazards.	-	nt symptoms and effects		
No additional measures required  5. Firefighting measures  1. Extinguishing Media Suitable Carbon dioxide. Dry chemical powder. Water. Unsuitable Do not use water with a full water jet  2. Special Hazards arising from the substance or mixture In combustion toxic fumes may form.  3. Advice for Fire Fighters Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.  5. Accidental Release Measures  1. Personal Precautions Refer to section 8 of SDS for personal protection details.  2. Environmental Precautions Do not discharge into drains or rivers.  3. Methods & Materials Mix with sand or vermiculite. Transfer to a suitable container.  4. Preventing the occurrence of secondary hazards.	3. Indication of a	iny immediate medical atte	ntion	
1. Extinguishing Media         Suitable       Carbon dioxide. Dry chemical powder. Water.         Unsuitable       Do not use water with a full water jet         2. Special Hazards arising from the substance or mixture In combustion toxic fumes may form.         3. Advice for Fire Fighters         Wear protective clothing to prevent contact with skin and eyes.         Wear self-contained breathing apparatus.         6. Accidental Release Measures         1. Personal Precautions         Refer to section 8 of SDS for personal protection details.         2. Environmental Precautions         Do not discharge into drains or rivers.         3. Methods & Materials         Mix with sand or vermiculite. Transfer to a suitable container.         4. Preventing the occurrence of secondary hazards.			n if you feel unwell.	
Suitable       Carbon dioxide. Dry chemical powder. Water.         Unsuitable       Do not use water with a full water jet         2. Special Hazards arising from the substance or mixture In combustion toxic fumes may form.         3. Advice for Fire Fighters         Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.         6. Accidental Release Measures         1. Personal Precautions Refer to section 8 of SDS for personal protection details.         2. Environmental Precautions Do not discharge into drains or rivers.         3. Methods & Materials Mix with sand or vermiculite. Transfer to a suitable container.         4. Preventing the occurrence of secondary hazards.	5. Firefighting me	asures		
Dry chemical powder.         Water.         Unsuitable       Do not use water with a full water jet         2. Special Hazards arising from the substance or mixture         In combustion toxic fumes may form.         3. Advice for Fire Fighters         Wear protective clothing to prevent contact with skin and eyes.         Wear self-contained breathing apparatus.         6. Accidental Release Measures         1. Personal Precautions         Refer to section 8 of SDS for personal protection details.         2. Environmental Precautions         Do not discharge into drains or rivers.         3. Methods & Materials         Mix with sand or verniculite.         Transfer to a suitable container.         4. Preventing the occurrence of secondary hazards.	1. Extinguishing	Media		
2. Special Hazards arising from the substance or mixture In combustion toxic fumes may form. 3. Advice for Fire Fighters Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus. 6. Accidental Release Measures 1. Personal Precautions Refer to section 8 of SDS for personal protection details. 2. Environmental Precautions Do not discharge into drains or rivers. 3. Methods & Materials Mix with sand or vermiculite. Transfer to a suitable container. 4. Preventing the occurrence of secondary hazards.	Suitable	Dry chemical powder.		
In combustion toxic fumes may form.  3. Advice for Fire Fighters Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.  6. Accidental Release Measures  1. Personal Precautions Refer to section 8 of SDS for personal protection details.  2. Environmental Precautions Do not discharge into drains or rivers.  3. Methods & Materials Mix with sand or vermiculite. Transfer to a suitable container.  4. Preventing the occurrence of secondary hazards.	Unsuitable	Do not use water with a full w	ater jet	
In combustion toxic fumes may form.  3. Advice for Fire Fighters Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.  6. Accidental Release Measures  1. Personal Precautions Refer to section 8 of SDS for personal protection details.  2. Environmental Precautions Do not discharge into drains or rivers.  3. Methods & Materials Mix with sand or vermiculite. Transfer to a suitable container.  4. Preventing the occurrence of secondary hazards.	2. Special Hazar	ds arising from the substa	nce or mixture	
Wear protective clothing to prevent contact with skin and eyes.         Wear self-contained breathing apparatus.         6. Accidental Release Measures         1. Personal Precautions         Refer to section 8 of SDS for personal protection details.         2. Environmental Precautions         Do not discharge into drains or rivers.         3. Methods & Materials         Mix with sand or vermiculite.         Transfer to a suitable container.         4. Preventing the occurrence of secondary hazards.	-	-		
Wear protective clothing to prevent contact with skin and eyes.         Wear self-contained breathing apparatus.         6. Accidental Release Measures         1. Personal Precautions         Refer to section 8 of SDS for personal protection details.         2. Environmental Precautions         Do not discharge into drains or rivers.         3. Methods & Materials         Mix with sand or vermiculite.         Transfer to a suitable container.         4. Preventing the occurrence of secondary hazards.	3. Advice for Fire	e Fighters		
1. Personal Precautions         Refer to section 8 of SDS for personal protection details.         2. Environmental Precautions         Do not discharge into drains or rivers.         3. Methods & Materials         Mix with sand or vermiculite.         Transfer to a suitable container.         4. Preventing the occurrence of secondary hazards.	Wear protective of	lothing to prevent contact with s	kin and eyes.	
Refer to section 8 of SDS for personal protection details.         2. Environmental Precautions 	6. Accidental Rele	ease Measures		
Refer to section 8 of SDS for personal protection details.         2. Environmental Precautions 	1. Personal Pred	autions		
Do not discharge into drains or rivers.  3. Methods & Materials Mix with sand or vermiculite. Transfer to a suitable container.  4. Preventing the occurrence of secondary hazards.			details.	
3. Methods & Materials         Mix with sand or vermiculite.         Transfer to a suitable container.         4. Preventing the occurrence of secondary hazards.	2. Environmenta	I Precautions		
Mix with sand or vermiculite. Transfer to a suitable container. 4. Preventing the occurrence of secondary hazards.	Do not discharge	into drains or rivers.		
Transfer to a suitable container. 4. Preventing the occurrence of secondary hazards.	3. Methods & Ma	Iterials		
No Special Measures Required	4. Preventing the	e occurrence of secondary	hazards.	
	No Special Meas	ures Required		

Safety Data Sheet

7.Handling and Storage		
1. Personal Precautions	S	
Safe Handling	Handle in fume hood. Wash hands immediately after con P264: Wash hands thoroughly afte	
Protection against explosions and fires	P362: Take off contaminated clothin normal measures for preventive fire	
2. Conditions for safe s	torage, including any incompat	ibilities
Managing Storage Risks	Keep container tightly closed. Store in cool, well ventilated area.	
Storage Controls	No special requirements	
Maintaining Integrity	Keep in tightly closed container in	cool area away from direct sunlight or heat sources.
Other advice	P403 + P233: Store in a well-venti	lated place. Keep container tightly closed.
3. Specific End Uses		
I he end use(s) have not professionals only.	been fully determined. The substance	is supplied for Research and Development purposes by
8. Exposure Controls/Perso	onal Protection	
1. Control Parameters		
No Data Available		
2. Exposure Controls		
General protective and hygiene measures		
Engineering measures	P271: Use only outdoors or in a wel Ensure there is sufficient ventilation	
Eye / Face Protection	Safety Glasses.	
Hand protection	Protective gloves.	
Respiratory protection	P261: Avoid breathing dust/fume/ga Respiratory protection not required.	s/mist/vapours/spray.
Skin protection	Protective clothing.	
Other personal protection advice	no data	
9. Physical and Chemical F	Properties	
1. Physical and Chemica	al Properties	
Appearance		Solid

Appearance	Solid	
Odour	No Data Available	
Odour threshold	No Data Available	
PH	No Data Available	
Melting point / Freezing point	No Data Available	
Initial boiling point and boiling range	No Data Available	
Flash point	No Data Available	
Evaporation rate	No Data Available	
Flammability(solid,gas)	No Data Available	

According to Regulation (EC) No. 1272/2008 Language : English

# Safety Data Sheet

Upper/lower flammability or explosive limits	No Data Available
Vapour pressure	No Data Available
Vapour density	No Data Available
Relative density	No Data Available
Solubility(ies):	No Data Available
Partition coefficient: n-octanol/water	No Data Available
Auto-ignition temperature	No Data Available
Decomposition temperature	No Data Available
Viscosity	No Data Available
Explosive properties	No Data Available
Oxidising properties	No Data Available

#### 2. Other Information

No additional information available

## 10. Stability and Reactivity

#### 1. Reactivity

no unusual reactivity

## 2. Stability

Stable under normal conditions.

# 3. Possibility of Hazardous Reactions

no hazardous reactions known

## 4. Conditions to Avoid

no specific conditions to avoid

#### 5. Incompatible Materials

Strong oxidizing agents. Strong acids. Strong bases.

## 6. Hazardous Decomposition Products

In combustion emits toxic fumes of carbon dioxide / carbon monoxide. In combustion emits toxic fumes of nitrogen oxides. In combustion emits toxic fumes of hydrogen fluoride.

# 11. Toxicology information

1. Information	
Acute Toxicity	no data
Skin corrosion/irritation	irritant for skin and mucous membranes
Serious eye Damage/irritation	irritant effect
Respiratory or skin sensitisation	may cause respiratory irritation
Germ Cell mutagenicity	not known
Carcinogenicity	not known
Reproductive toxicity	not known
STOT-single exposure	not known
STOT-repeated exposure	not known
Aspiration hazard	not known

## 2. Additional

To the best of our knowledge the acute and chronic toxicity of this substance is not fully known. No classification data on carcinogenic properties of this material is available from the EPA, IARC,NTP,OSHA or ACGIH

## 12. Ecological Information

# 1. Toxicity

not known

#### 2. Persistence and degradability

not known

#### 3. Bio-Accumulative Potential

not known

### 4. Mobility and Soil

not known

#### 5. Results of PBT & vPvB assessment

not known

#### 6. Other adverse effects

not known

# 13. Disposal Considerations

#### 1. Waste Treatment Methods

Disposal Operations	Consult state, local or national regulations for proper disposal. Hand over to authorised disposal company as hazardous waste.
Disposal of Packaging	Disposal must be made according to official regulations.

## 14. Transport Information

#### Air (ICAO)

Not classified as hazardous for transport

#### Road (ADR)

Not classified as hazardous for transport

#### Sea (IMDG)

Not classified as hazardous for transport

# 15. Safety, health, environmental and national regulations

# 1. Safety, health, environmental and national regulations:

product is not subject to any additional regulations or provisions

## 2. Safety Assessment

No Chemical Safety Assessment

## 16. Other Information

#### 1. Other Information:

ADR: Accord Europeen sur le transport des merchandises Dangereuses par Route(European Agreement concerning the International Carriage of Dangerous Goods by road) RID:Reglement International concernant le transport des merchandises dangereuses par chemin de fer (Regulations concerning the International transport of Dangerous Goods by Rail) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association IATA-DGR: Dangerous Goods Regulations by the International Air Transport Association ICAO:International Civil Aviation Organization ICAO-TI: Technical Instructions by the ICAO GHS: Globally Harmonized System of Classification and Labelling of Chemicals CAS:Chemical Abstracts Service

## 3. Disclaimer

The product listed is for research and development purposes only and not for human or animal use. As such, in most cases, the toxicological, ecological and physicochemical properties have not been fully determined and the product should be treated with respect and always handled under suitable conditions by appropriately qualified personnel. The responsible party shall use this datasheet only in conjunction with other sources of information gathered by them, and should make an independent judgement of suitability, to ensure proper use and protect the health and safety of employees. This information is furnished without warranty and any use of the product not in conformance with this material safety data sheet, or in combination with any other product or process, is the responsibility of the user.