

Safety data sheet according to 1907/2006/EC, Article 31

290900

BACHEM

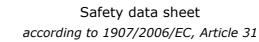
Revision: 11.05.2011 Printing date: 07.07.2016

- EINECS Number:
- RTECS Number:

– GB –

-





290900

BACHEM

Revision: 11.05.2011 Printing date: 07.07.2016

04 First aid measures	(Contd. of page 1)
General information:	
No special measures required.	
After inhalation:	
Supply fresh air; consult doctor in case of complaints.	
After skin contact:	
Immediately wash with water and soap and rinse thoroughly.	
After eye contact:	
Rinse opened eye for several minutes under running water.	
After swallowing:	
Call a doctor immediately.	
Information for doctor:	
 Most important symptoms and effects, both acute and delayed 	
No further relevant information available.	
 Indication of any immediate medical attention and special treatment needed 	
No further relevant information available.	

- Suitable extinguishing agents: CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- Special hazards arising from the substance or mixture No further relevant information available.
- Advice for firefighters
- Protective equipment:
- No special measures required.

06 Accidental release measures

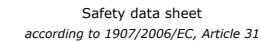
- Personal precautions, protective equipment and emergency procedures Not required.
- Environmental precautions:
 - No special measures required.
- Methods and material for containment and cleaning up: Pick up mechanically.

07 Handling and storage

- Handling:
- Precautions for safe handling Prevent formation of dust.
- Information about fire and explosion protection:
- No special measures required.
- Storage:
- Requirements to be met by storerooms and receptacles: No special requirements.
- Information about storage in one common storage facility: Store away from foodstuffs.
- Further information about storage conditions:
- Store in dry conditions.
- Recommended storage temperature: -20 +/- 5 °C
- Specific end use(s)
- No further relevant information available.

(Contd. on page 3)





290900

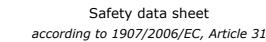
BACHEM

Revision: 11.05.2011 Printing date: 07.07.2016

PRODUCT : ([¹³C₅]Leu¹º)-CRF (hum	an, rat) trifluoroacetate salt
08 Exposure controls/personal	(Contd. of page 2) protection
 Ingredients with limit values that requ 	uire monitoring at the workplace:
Not required.	General General Free
 Additional information: 	
The lists valid during the making were us	ed as basis.
 Personal protective equipment: General protective and hygienic mea 	
	b be adhered to when handling chemicals.
Respiratory protection:	C C C C C C C C C C C C C C C C C C C
	use respiratory filter device. In case of intensive or longer exposure use self-contained
respiratory protective device. Use suitable respiratory protective device	e in case of insufficient ventilation
 Protection of hands: 	
The glove material has to be impermeabl	e and resistant to the product/ the substance/ the preparation.
-	to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on conside Protective gloves	eration of the penetration times, rates of diffusion and the degradation
Material of gloves	
C C	not only depend on the material, but also on further marks of quality and varies from
manufacturer to manufacturer.	
Penetration time of glove material	and and hu the manufacturer of the protective clause and has to be abarried
Eye protection:	ound out by the manufacturer of the protective gloves and has to be observed.
Safety glasses	
09 Physical and chemical prope General Information	rties
General Information Appearance:	
General Information Appearance: Form:	Powder
General Information Appearance: Form: Colour:	Powder White
General Information Appearance: Form: Colour: Odour:	Powder White Nearly odourless
General Information Appearance: Form: Colour: Odour: Odour: Odour threshold:	Powder White Nearly odourless Not determined.
General Information Appearance: Form: Colour: Odour: Odour threshold: Molecular Weight	Powder White Nearly odourless
General Information Appearance: Form: Colour: Odour: Odour: Odour threshold: Molecular Weight Change in condition	Powder White Nearly odourless Not determined. 4.763,4500 g/mol
General Information Appearance: Form: Colour: Odour: Odour threshold: Molecular Weight	Powder White Nearly odourless Not determined.
General Information Appearance: Form: Colour: Odour: Odour threshold: Molecular Weight Change in condition	Powder White Nearly odourless Not determined. 4.763,4500 g/mol
General Information Appearance: Form: Colour: Odour: Odour threshold: Molecular Weight Change in condition Melting point/Melting range: Boiling point/Boiling range: Flash point:	Powder White Nearly odourless Not determined. 4.763,4500 g/mol Undetermined.
General Information Appearance: Form: Colour: Odour: Odour threshold: Molecular Weight Change in condition Melting point/Melting range: Boiling point/Boiling range: Flash point: Flammability (solid, gaseous):	Powder White Nearly odourless Not determined. 4.763,4500 g/mol Undetermined. Undetermined.
General Information Appearance: Form: Colour: Odour: Odour threshold: Molecular Weight Change in condition Melting point/Melting range: Boiling point/Boiling range: Flash point: Flammability (solid, gaseous): Ignition temperature:	Powder White Nearly odourless Not determined. 4.763,4500 g/mol Undetermined. Undetermined. Not applicable. Not applicable.
General Information Appearance: Form: Colour: Odour: Odour threshold: Molecular Weight Change in condition Melting point/Melting range: Boiling point/Boiling range: Flash point: Flammability (solid, gaseous): Ignition temperature: Decomposition temperature:	Powder White Nearly odourless Not determined. 4.763,4500 g/mol Undetermined. Undetermined. Not applicable. Not applicable. Not determined.
General Information Appearance: Form: Colour: Odour: Odour threshold: Molecular Weight Change in condition Melting point/Melting range: Boiling point/Boiling range: Flash point: Flammability (solid, gaseous): Ignition temperature: Decomposition temperature: Self-igniting:	Powder White Nearly odourless Not determined. 4.763,4500 g/mol Undetermined. Undetermined. Not applicable. Not applicable. Not determined. Not determined.
General Information Appearance: Form: Colour: Odour the Shold: Molecular Weight Change in condition Melting point/Melting range: Boiling point/Boiling range: Flash point: Flammability (solid, gaseous): Ignition temperature: Decomposition temperature: Self-igniting: Danger of explosion:	Powder White Nearly odourless Not determined. 4.763,4500 g/mol Undetermined. Undetermined. Not applicable. Not applicable. Not determined.
General Information Appearance: Form: Colour: Odour: Odour threshold: Molecular Weight Change in condition Melting point/Melting range: Boiling point/Melting range: Flash point: Flammability (solid, gaseous): Ignition temperature: Decomposition temperature: Self-igniting: Danger of explosion: Explosion limits:	Powder White Nearly odourless Not determined. 4.763,4500 g/mol Undetermined. Undetermined. Undetermined. Not applicable. Not applicable. Not applicable. Not determined. Not determined. Not determined.
General Information Appearance: Form: Colour: Odour: Odour threshold: Molecular Weight Change in condition Melting point/Melting range: Boiling point/Melting range: Flash point: Flash point: Flammability (solid, gaseous): Ignition temperature: Decomposition temperature: Self-igniting: Danger of explosion: Explosion limits: Lower:	Powder White Nearly odourless Not determined. 4.763,4500 g/mol Undetermined. Undetermined. Not applicable. Not applicable. Not determined. Not determined. Not determined. Not determined. Not determined.
General Information Appearance: Form: Colour: Odour: Odour threshold: Molecular Weight Change in condition Melting point/Melting range: Boiling point/Melting range: Flash point: Flammability (solid, gaseous): Ignition temperature: Decomposition temperature: Self-igniting: Danger of explosion: Explosion limits: Lower: Upper:	Powder White Nearly odourless Not determined. 4.763,4500 g/mol Undetermined. Undetermined. Not applicable. Not applicable. Not determined. Not determined. Not determined. Not determined. Not determined. Not determined.
General Information Appearance: Form: Colour: Odour: Odour threshold: Molecular Weight Change in condition Melting point/Melting range: Boiling point/Melting range: Flash point: Flash point: Flammability (solid, gaseous): Ignition temperature: Decomposition temperature: Self-igniting: Danger of explosion: Explosion limits: Lower: Upper: Vapour pressure:	Powder White Nearly odourless Not determined. 4.763,4500 g/mol Undetermined. Undetermined. Undetermined. Not applicable. Not applicable. Not determined. Not determined.
General Information Appearance: Form: Colour: Odour: Odour threshold: Molecular Weight Change in condition Melting point/Melting range: Boiling point/Boiling range: Flash point: Flammability (solid, gaseous): Ignition temperature: Decomposition temperature: Self-igniting: Danger of explosion: Explosion limits: Lower: Upper: Vapour pressure: Density:	Powder White Nearly odourless Not determined. 4.763,4500 g/mol Undetermined. Undetermined. Not applicable. Not applicable. Not determined. Not determined. Not determined. Not determined. Not determined. Not determined.
General Information Appearance: Form: Colour: Odour: Odour threshold: Molecular Weight Change in condition Melting point/Melting range: Boiling point/Boiling range: Flash point: Flammability (solid, gaseous): Ignition temperature: Decomposition temperature: Self-igniting: Danger of explosion: Explosion limits: Lower: Upper: Vapour pressure: Density: Solubility in / Miscibility with	Powder White Nearly odourless Not determined. 4.763,4500 g/mol Undetermined. Undetermined. Not applicable. Not applicable. Not determined. Not determined.
General Information Appearance: Form: Colour: Odour the shold: Molecular Weight Change in condition Melting point/Melting range: Boiling point/Melting range: Flash point: Flammability (solid, gaseous): Ignition temperature: Decomposition temperature: Self-igniting: Danger of explosion: Explosion limits: Lower: Upper: Vapour pressure: Density: Solubility in / Miscibility with water:	Powder White Nearly odourless Not determined. 4.763,4500 g/mol Undetermined. Undetermined. Undetermined. Not applicable. Not applicable. Not determined. Not determined.
General Information Appearance: Form: Colour: Odour the shold: Molecular Weight Change in condition Melting point/Melting range: Boiling point/Melting range: Flash point: Flammability (solid, gaseous): Ignition temperature: Decomposition temperature: Self-igniting: Danger of explosion: Explosion limits: Lower: Upper: Vapour pressure: Density: Solubility in / Miscibility with water: Viscosity:	Powder White Nearly odourless Not determined. 4.763,4500 g/mol Undetermined. Undetermined. Undetermined. Not applicable. Not determined. Not determined.
General Information Appearance: Form: Colour: Odour the shold: Molecular Weight Change in condition Melting point/Melting range: Boiling point/Melting range: Flash point: Flammability (solid, gaseous): Ignition temperature: Decomposition temperature: Self-igniting: Danger of explosion: Explosion limits: Lower: Upper: Vapour pressure: Density: Solubility in / Miscibility with water:	Powder White Nearly odourless Not determined. 4.763,4500 g/mol Undetermined. Undetermined. Undetermined. Not applicable. Not applicable. Not determined. Not determined.

(Contd. on page 4)





290900

BACHEM

Revision: 11.05.2011 Printing date: 07.07.2016

(Contd. of page 3)

PRODUCT : ([13C6]Leu10)-CRF (human, rat) trifluoroacetate salt

10 Stability and reactivity

• Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

• Possibility of hazardous reactions No dangerous reactions known.

- Conditions to avoid
- No further relevant information available.
- Incompatible materials:
- No further relevant information available.
- Dangerous decomposition products: No dangerous decomposition products known.

11 Toxicological information

- Acute toxicity: No further relevant information available.
- · Primary irritant effect:
- · on the skin:
- No further relevant information available.
- on the eye:
- No further relevant information available. • Sensitization:
- No sensitizing effects known.
- Additional toxicological information:
- The substance is not subject to classification according to the latest version of the EU lists.

12 Ecological information

- Acquatic toxicity:
- No further relevant information available.
- Persistence and degradability
- No further relevant information available. • Behaviour in environmental systems:
- Bioaccumulative potential
- No further relevant information available.Mobility in soil
- IVIODIIILY III SOII
 No further relevant inferr
- No further relevant information available.
- Additional ecological information:General notes:
- Not known to be hazardous to water.
- Results of PBT and vPvB assessment
- PBT:
- Not applicable.
- vPvB:
- Not applicable.
- Other adverse effects
- No further relevant information available.

13 Disposal considerations

- · Waste treatment methods
- Waste disposal key: 18 02 06
- Uncleaned packaging:
- Recommendation:
 - Disposal must be made according to official regulations.



Safety data sheet according to 1907/2006/EC, Article 31

290900

Revision: 11.05.2011 Printing date: 07.07.2016

PRODUCT :	([¹³C₀]Leu¹º)-CRF (human, rat) trifluoroacetate salt	
		(Contd. of page 4)
4 Transpo	ort information	
ADR/RID	class:	
IMDG Cla	ss: -	
ICAO/IAT/	A Class:	
Environr	mental hazards:	
Not applie	cable.	
•	rt in bulk according to Annex II of MARPOL73/78 and the IBC Code	
Not applie	cable.	
5 Regulat	tory information	
Chemica	al safety assessment:	
	cal Safety Assessment has not been carried out.	
6 Other i	nformation	
This informa	ation is based on our present knowledge. However, this shall not constitute a guarantee f	or any specific product features
	t establish a legally valid contractual relationship.	
 Department 	nent issuing MSDS:	
•	ent: Marketing	
 Abbrevia 	ations and acronyms:	
	cord européen sur le transport des marchandises dangereuses par Route (European Ag	reement concerning the Internation
0	of Dangerous Goods by Road)	
•	lement international concernant le transport des marchandises dangereuses par chemin	de ter (Regulations Concerning the
	nal Transport of Dangerous Goods by Rail)	
	ternational Maritime Code for Dangerous Goods	
	ernational Air Transport Association	
	ernational Civil Aviation Organisation	
	European Inventory of Existing Commercial Chemical Substances	
CAS: Che	emical Abstracts Service (division of the American Chemical Society)	

RTECS: Registry of Toxic Effects of Chemical Substances • * Data compared to the previous version altered.