

SAFETY DATA SHEET

according to the Global Harmonized System

Sodium-formiate-d

1. Identification of the substance/preparation and of the company/undertaking

Use of the Substance/Preparation	Chemical intermediate
Company/Undertaking Identification	ARMAR AG Müligasse 7 CH-5312 Döttingen Schweiz Tel. +41 56 245 2600 admin@armar.ch
Emergency telephone number	Tox-Zentrum Zürich : 145 / +41 44 251 51 51 [24h/7d]
Revision Date	24.03.2010
Version	GHS 1

2. Hazards identification

3. Composition/information on ingredients

Components		Health hazards	CAS	REACH No.
Sodium-formiate-d	> 90%		3996-15-4	

4. First aid measures

General advice	The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.
Inhalation	No special measures required.
Skin contact	Wash with water and soap as a precaution.
Eye contact	Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.
Ingestion	Clean mouth with water and drink afterwards plenty of water.

5. Fire-fighting measures

Suitable extinguishing media	Use dry chemical, CO ₂ , water spray or alcohol foam.
Special protective equipment for firefighters	Standard procedure for chemical fires.

6. Accidental release measures

Personal precautions	No special measures required.
Environmental precautions	No special environmental precautions required.
Methods for cleaning up	Clean up promptly by sweeping or vacuum. After cleaning, flush away traces with water.

7. Handling and storage

Handling	No special technical protective measures required.
Storage	Store at room temperature in the original container.

8. Exposure controls / personal protection

Occupational exposure controls	General industrial hygiene practice.
Personal protection equipment	
Respiratory protection	No special protective equipment required.
Hand protection	PVC disposable gloves
Eye protection	Avoid contact with eyes.

9. Physical and chemical properties

Form	Crystalline.
Colour	White.
Odour	Mild.
Physical and chemical properties	pH: 7 - 8.5 (5 % solution). Water solubility: soluble Melting point/range: 255 °C. Bulk density: 0.635 g/ml.

10. Stability and reactivity

Stability	No decomposition if used as directed.
Conditions to avoid	Vapours in contact with fire or red-hot surfaces may form decomposition products with highly irritating and warning effects.
Hazardous decomposition products	None under normal use.

11. Toxicological information

Acute toxicity	Sodium formiate LD50/oral/rat = > 3000 mg/kg.
Local effects	Contact with eyes may cause irritation.
Long term toxicity	Negligible.
Sensitization	None.
Human experience	This product has no known adverse effect on human health.

12. Ecological information

Ecotoxicity	LC50/96h/fish > 1000 mg/l.
Persistence / degradability	Readily biodegradable.
Bioaccumulative potential	Does not bioaccumulate.

13. Disposal considerations

Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Offer rinsed packaging material to local recycling facilities.

14. Transport information

Further Information	Not classified as dangerous in the meaning of transport regulations.
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15. Regulatory information

GHS-Classification	
GHS product identifier	Sodium-formiate-d, CAS-No. 3996-15-4, EC-No. 205-488-0
EC-Symbol(s)	None.
R-phrase(s)	None.
S-phrase(s)	None.
Regulatory Information	In accordance with Regulation (EC) No. 1272/2008 (GHS/CLP), the product does not need to be classified nor labelled. In accordance with Directive 1999/45/EC, the product does not need to be classified nor labelled.

16. Other information

Recommended use	For industrial application only. For research use only.
Further information	Not relevant.
Disclaimer	The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release. It is not to be considered a warranty or quality specification.