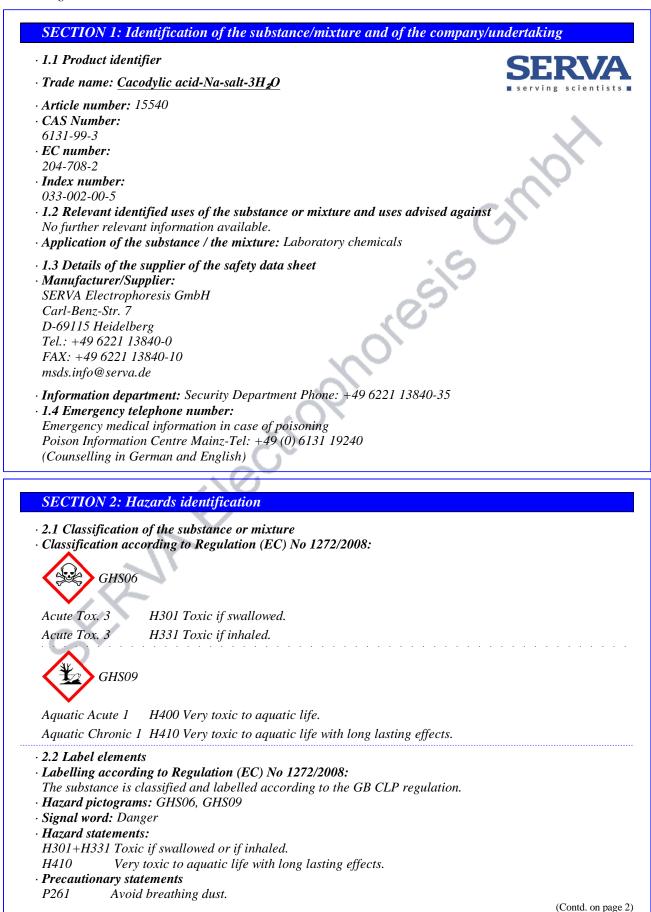
GB

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Version number 6

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D764	Wash the way ably after handling	(Contd. of page 1)
	Wash thoroughly after handling.	
	Avoid release to the environment.	
	IF SWALLOWED: Immediately call a POISON CENTER/ doctor.	
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.	
P405	Store locked up.	
• Labelling oj	f packages where the contents do not exceed 125 ml	
• Hazard pict	ograms GHS06, GHS09	
· Signal word	l Danger	
· Hazard state	ements	
H301+H33	l Toxic if swallowed or if inhaled.	
· Precautiona	iry statements	
P261	Avoid breathing dust.	
P264	Wash thoroughly after handling.	
P273	Avoid release to the environment.	
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/ doctor.	
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.	
P405	Store locked up.	
• 2.3 Other h	azards	
· Results of P	BT and vPvB assessment:	
· PBT: PBT -	Assessment not available.	
• vPvB: vPvB	- Assessment not available.	
· Determinati	ion of endocrine-disrupting properties No further relevant information available.	

SECTION 3: Composition/information on ingredients

· 3.1 Substances

- · CAS No. Description:
- 6131-99-3 sodium dimethylarsinate trihydrate
- · Identification number(s):
- **EC number:** 204-708-2
- · Index number: 033-002-00-5
- · Description:
- Empirical formula: $C_2 H_6 As O_2 Na * 3 H_2 O$
- · MW: 214.0

SECTION 4: First aid measures

- 4.1 Description of first aid measures
- General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

- After inhalation: Provide fresh air. Consult a doctor immediately.
- After skin contact:

Wash off immediately with soap and water and rinse thoroughly. In case of complaints, consult a doctor. • *After eye contact:*

Rinse opened eye for several minutes with running water. Remove contact lenses, if possible, and continue rinsing. In case of complaints, consult an ophthalmologist.

- *After swallowing: Rinse out mouth. Call a doctor immediately. Do not induce vomiting!*
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed** *No further relevant information available.*

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SECTION 5: Firefighting measures

- · 5.1 Extinguishing media
- Suitable extinguishing agents:

 CO_2 , extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. • 5.2 Special hazards arising from the substance or mixture:

- In case of fire, development of toxic vapours and gases possible. In case of fire, the following can be formed, but not limited to: Arsenic compounds
- · 5.3 Advice for firefighters
- · Protective equipment: Wear self-contained breathing apparatus.
- Additional information Collect contaminated fire fighting water separately. It must not enter the sewage system. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Wear protective clothing. Ensure adequate ventilation Avoid formation of dust.
6.2 Environmental precautions:

- Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.
- 6.3 Methods and material for containment and cleaning up Dispose contaminated material as waste according to section 13. Pick up mechanically.
- **6.4 Reference to other sections** See Section 7 for information on safe handling See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling: Ensure good ventilation/exhaustion at the workplace. Open and handle receptacle with care. Prevent formation of dust.
 Information about protection against explosions and fires:
- *The product is not flammable Keep respiratory protective device available.*
- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage
- Requirements to be met by storerooms and receptacles: Store only in the original receptacle.
- · Information about storage in one common storage facility: Store away from oxidising agents.
- Further information about storage conditions:
- Store under lock and key and with access restricted to technical experts or their assistants only. This product is hygroscopic.
- Store containers tightly closed and dry.
- 7.3 Specific end use(s): No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· Components with limit values that require monitoring at the workplace: Not required.

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according to Regulation (EC) No 1907/2006, Article 31 Version number 6 Revision: 04.03.2025 Printing date 04.03.2025 Trade name: Cacodylic acid-Na-salt-3H₂O (Contd. of page 3) • Additional information: The lists that were valid during the creation were used as basis. · 8.2 Exposure controls • Appropriate engineering controls: No further data; see section 7. · Individual protection measures, such as personal protective equipment: • General protective and hygienic measures: Keep away from foodstuffs, beverages and feed. Store protective clothing separately. Immediately remove all soiled and contaminated clothing Avoid contact with the eyes and skin. Wash hands before breaks and at the end of work. • Breathing equipment: Short term filter device: Filter P3. • Hand protection: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Protective gloves. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation · Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. • Penetration time of glove material: The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed. For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable: Natural rubber, NR Nitrile rubber, NBR · Eye/face protection: Safety glasses · Body protection: Protective work clothing. **SECTION 9: Physical and chemical properties** · 9.1 Information on basic physical and chemical properties • General Information: Solid. · Physical state: · Colour: White · Odour: **Odourless** · Odour threshold: not determined. 77-80 °C · Melting point/freezing point: · Boiling point or initial boiling point and boiling range: undetermined · Flammability: Product is not flammable. · Lower and upper explosion limit: · Lower: No information available · Upper: No information available · Flash point: *Not applicable* >300 °C · Decomposition temperature: · pH: 8.7 · Viscosity: No information available

No information available

- · Kinematic viscosity:
- · Dynamic viscosity:

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· Solubility:	
· Water at 20 °C:	880 g/l
· Partition coefficient n-octanol/water (log value):	<-1.54975
· Vapour pressure:	No information available
· Density and/or relative density:	
· Density:	No information available
· Relative density:	No information available
· Particle characteristics	No information available
9.2 Other information	
· Appearance:	a
· Form:	Crystalline
 Important information on protection of health and environment, and on safety: 	1
• Explosive properties:	Product does not present an explosion hazard.
· Molecular weight	214 g/mol

SECTION 10: Stability and reactivity

· 10.1 Reactivity: No further relevant information available.

- · 10.2 Chemical stability:
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions: Reacts with reducing agents
- · 10.4 Conditions to avoid: Humidity

• 10.5 Incompatible materials: Avoid contact with: Heavy metal salts Reducing agents Slightly corrosive effect on steel

• 10.6 Hazardous decomposition products: In case of fire: see section 5

SECTION 11: Toxicological information

· 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:

· Acute toxicity: Toxic if swallowed or if inhaled.

· LD/LC50 values that are relevant for classification:

Oral	LD50	2,000 mg/kg (rat)
	LD50	>2,000 mg/kg (rabbit)
Inhalative	LC50/4h	>5.12 mg/l (rat)
	LC50/96h	>152 mg/l (fish)

· Skin corrosion/irritation: Based on available data, the classification criteria are not met.

• Serious eye damage/irritation: Based on available data, the classification criteria are not met.

• Respiratory or skin sensitisation: Based on available data, the classification criteria are not met.

· Germ cell mutagenicity: Based on available data, the classification criteria are not met.

· Carcinogenicity: Based on available data, the classification criteria are not met.

· Reproductive toxicity: Based on available data, the classification criteria are not met.

• STOT-single exposure: Based on available data, the classification criteria are not met.

• STOT-repeated exposure: Based on available data, the classification criteria are not met.

· Aspiration hazard: Based on available data, the classification criteria are not met.

· 11.2 Information on other hazards:

• Endocrine disrupting properties: No relevant information available

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SECTION	12: Eco	logical	informa	ation

- · 12.1 Toxicity:
- · Aquatic toxicity:
- ErC50 (Lemna gibba, 14 days): 33.1 mg/l

EC50/48h >61.6 mg/l (Daphnia magna)

- · 12.2 Persistence and degradability: No further relevant information available.
- · 12.3 Bioaccumulative potential: No further relevant information available.
- 12.4 Mobility in soil: No further relevant information available.
- · 12.5 Results of PBT and vPvB assessment:
- **PBT:** PBT assessment not available.
- · **vPvB**: vPvB assessment not available.
- 12.6 Endocrine disrupting properties: For information on endocrine disrupting properties see section 11.
- · 12.7 Other adverse effects:
- Additional ecological information:
- · General notes:

Do not allow product to reach ground water, water course or sewage system.

Water danger class 3 (German Regulation) (Self-assessment): extremely hazardous for water.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

- · Recommendation
- Dispose of in accordance with official regulations.

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- · Uncleaned packagings:
- · Recommendation:

Uncleaned packaging must be disposed of in the same way as the product in accordance with official regulations.

• Recommended cleansing agent: Water, if necessary with cleansing agents.

SECTION 14: Transport information

· 14.1 UN number or ID number · ADR, IMDG, IATA	UN1688
· 14.2 UN proper shipping name	
· ADR	1688 SODIUM CACODYLATE, ENVIRONMENTALLY HAZARDOUS
· IMDG, IATA	SODIUM CACODYLATE
· 14.3 Transport hazard class(es)	
· ADR, IMDG	
· Class:	6.1 Toxic substances.
· Label:	6.1
	(Contd. on page

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	(Contd. of page
IATA	
× >	
6	
Class	6.1 Toxic substances.
Label	6.1
14.4 Packing group	
ADR, IMDG, IATA	II
14.5 Environmental hazards	Environmentally hazardous substance, solid; Marin
	Pollutant
Marine pollutant:	Symbol (fish and tree)
Special marking (ADR):	Symbol (fish and tree)
14.6 Special precautions for user	Warning: Toxic substances.
Hazard identification number (Kemler code):	60
EMS Number:	F-A,S-A
Stowage Category	
Segregation Code	SG35 Stow "separated from" SGG1-acids
14.7 Maritime transport in bulk according to IM	
instruments	Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ)	500 g
Excepted quantities (EQ)	Code: E4
	Maximum net quantity per inner packaging: 1 g
Transport category	Maximum net quantity per outer packaging: 500 g 2
Tunnel restriction code	Z D/E
IMDG Limited quantities (LQ)	500 g
Excepted quantities (EQ)	Code: E4
Lacepten quantities (Dg)	Maximum net quantity per inner packaging: 1 g
	Maximum net quantity per outer packaging: 500 g
UN "Model Regulation":	UN 1688 SODIUM CACODYLATE, 6.1, I.
0	ENVIRONMENTALLY HAZARDOUS

*

SECTION 15: Regulatory information

· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

· Poisons Act

- · Regulated explosives precursors Substance is not listed.
- · Regulated poisons Substance is not listed.
- · Reportable explosives precursors Substance is not listed.

· Reportable poisons Substance is not listed.

· Directive 2012/18/EU

- · Named dangerous substances ANNEX I Substance is not listed.
- · Seveso category
- H2 ACUTE TOXIC
- E1 Hazardous to the Aquatic Environment

• Qualifying quantity (tonnes) for the application of lower-tier requirements 50 t

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Page 8/8 Safety data sheet according to Regulation (EC) No 1907/2006, Article 31 Version number 6 Revision: 04.03.2025 Printing date 04.03.2025 Trade name: Cacodylic acid-Na-salt-3H₂O (Contd. of page 7) • Qualifying quantity (tonnes) for the application of upper-tier requirements 200 t Regulation (EU) No 649/2012 Annex I Part 1 DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II Substance is not listed. · REGULATION (EU) 2019/1148 Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3)) Substance is not listed. · Annex II - REPORTABLE EXPLOSIVES PRECURSORS Substance is not listed. • Regulation (EC) No 273/2004 on drug precursors Substance is not listed. • Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors Substance is not listed. · National regulations: · Technical instructions (air): Class Share in % 80-100 Ι · Water hazard class: Water danger class 3 (Self-assessment): extremely hazardous for water. · 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out. **SECTION 16: Other information** This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. · Department issuing SDS: Product Safety Department · Contact: +49 6221 13840-35 • Date of previous version: 22.03.2018 · Abbreviations and acronyms: RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) ICAO: International Civil Aviation Organisation PBT: persistent, bioaccumulative, toxic substance (UK REACH) vPvB: very persistent, very bioaccumulative substance (UK REACH) UK REACH: Regulation concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals GB CLP: Regulation on classification, labelling and packaging of substances and mixtures bw: body weight ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative Acute Tox. 3: Acute toxicity – Category 3 Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard - Category 1 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard - Category 1