

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Reference number: 05770 Issue date: 30-06-2023 Revision date: 30-06-2023 Supersedes version of: 09-04-2015 Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier	
Product form Trade name EC Index-No. EC-No. CAS-No. Product code Formula Chemical structure	: Substance : SODIUM ARSENATE HEPTAHYDRATE AR/ACS : 033-005-00-1 : 677-900-0 : 10048-95-0 : 05770 : Na2HAsO4 \cdot 7H2O : O HO \cdot As $-$ ONa \cdot 7 H ₂ O ONa
Synonyms	: Disodium hydrogen arsorate Heptahydrate, Sodium arsenate dibasic Heptahydrate
1.2. Relevant identified uses of the substant	nce or mixture and uses advised against
1.2.1. Relevant identified uses	
Industrial/Professional use spec	: Industrial For professional use only
Use of the substance/mixture	: Laboratory chemicals
1.2.2. Uses advised against	
No additional information available	
1.3. Details of the supplier of the safety da	ta sheet
LOBA CHEMIE PVT.LTD. 107 Wode House Road, Jehangir Villa, Colaba 400005 Mumbai INDIA T +91 22 6663 6663 - F +91 22 6663 6699 info@lobachemie.com - www.lobachemie.com	
1.4. Emergency telephone number	
Emergency number	: + 91 22 6663 6663 (9:00am - 6:00 pm)
SECTION 2: Hazards identification	
2.1. Classification of the substance or mix	ture
Classification according to Regulation (EC) No.	1272/2008 [CLP]
Acute toxicity (oral), Category 3 Acute toxicity (inhal.), Category 3 Carcinogenicity, Category 1A Hazardous to the aquatic environment – Chronic Ha Full text of H- and FUH-statements: see section 16	H301 H331 H350

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

May cause cancer. Toxic if inhaled. Toxic if swallowed. Very toxic to aquatic life with long lasting effects.

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2.2. Label elements Labelling according to Regulation (EC) No. 1272/2008 [CLP] Hazard pictograms (CLP) GHS06 GHS08 GHS09 Signal word (CLP) : Danger Hazard statements (CLP) : H301+H331 - Toxic if swallowed or if inhaled. H350 - May cause cancer. H410 - Very toxic to aquatic life with long lasting effects. Precautionary statements (CLP) : P201 - Obtain special instructions before use. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P273 - Avoid release to the environment. P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor. P304+P340+P311 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor.

2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

SECTION 3: Composition/information on ingredients S.1. Substances Substance type : Mono-constituent Name : SODIUM ARSENATE HEPTAHYDRATE CAS-No. : 10048-95-0 EC-No. : 677-900-0 EC Index-No. : 033-005-00-1 S.2. Mixtures

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general First-aid measures after inhalation	 Call a physician immediately. Remove person to fresh air and keep comfortable for breathing. Give oxygen or artificial respiration if necessary. If you feel unwell, seek medical advice. Call a doctor.
First-aid measures after skin contact First-aid measures after eye contact	 Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth. Obtain emergency medical attention. Immediately call a POISON CENTER/doctor. Specific treatment (see supplemental first aid instruction on this label). Call a physician immediately.
4.2. Most important symptoms and effective states and effective symptome and effective symptome symptome symptome symplexity and effective symplexity	ffects, both acute and delayed
Symptoms/effects Symptoms/effects after inhalation Symptoms/effects after skin contact Symptoms/effects after ingestion	 May cause damage to organs through prolonged or repeated exposure. Harmful if inhaled. Harmful in contact with skin. Toxic if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media Unsuitable extinguishing media	 dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2). Water spray. Dry powder. Foam. Do not use a heavy water stream.
5.2. Special hazards arising from the substance or mixture	
Hazardous decomposition products in case of fire	: Toxic fumes may be released.
5.3. Advice for firefighters	
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures	
6.1. Personal precautions, protective	equipment and emergency procedures
6.1.1. For non-emergency personnel	
Emergency procedures	: Avoid contact with skin and eyes. Only qualified personnel equipped with suitable protective equipment may intervene. Avoid breathing dust/fume/gas/mist/vapours/spray.
6.1.2. For emergency responders	
Protective equipment	: Do not attempt to take action without suitable protective equipment. Use personal protective equipment as required. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment. Very toxic to aquatic life with long lasting effects. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up	
For containment	: Collect spillage.
Methods for cleaning up	: Mechanically recover the product. Clear up rapidly by scoop or vacuum. Notify authorities if product enters sewers or public waters.
Other information	: Dispose of materials or solid residues at an authorized site.
6.4. Reference to other sections	

For further information refer to section 13.

SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling Hygiene measures	 Ensure good ventilation of the work station. Avoid contact with skin and eyes. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Wear personal protective equipment. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not eat, drink or smoke when using this product. Wash hands, forearms and face thoroughly after handling. Separate working clothes from town clothes. Launder separately. Always wash hands after handling the product.
7.2. Conditions for safe storage, including any incompatibilities	
Storage conditions	: Store in original container. Keep container tightly closed. Store in a dry place. Store locked up. Store in a well-ventilated place. Keep cool.

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7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls: Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection: Chemical goggles or safety glasses

8.2.2.2. Skin protection

Hand protection: Protective gloves

8.2.2.3. Respiratory protection

Respiratory protection:

Wear appropriate mask. [In case of inadequate ventilation] wear respiratory protection.

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Appearance

: Solid : Crystalline powder.

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Molecular mass	: 312.01 g/mol
Colour	: White.
Odour	: Odourless.
Odour threshold	: No data available
На	: 8.5 – 9 at 50 g/l at 25°C
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: 180 °C
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1.87 g/cm³
Solubility	: Water: 61 g/100ml - Soluble
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: Not applicable

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Direct sunlight. Air contact. Moisture.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information	
11.1 Information on toxicological effect	sts
Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation) Skin corrosion/irritation	 Toxic if swallowed. Not classified Toxic if inhaled. Not classified pH: 8.5 – 9 at 50 g/l at 25°C

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Serious eye damage/irritation	: Not classified
	pH: 8.5 – 9 at 50 g/l at 25°C
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: May cause cancer.
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
SODIUM ARSENATE HEPTAHYDRATE AR/ACS (10048-95-0)	
Viscosity, kinematic	Not applicable
Potential adverse human health effects and	: Toxic if swallowed.

symptoms

SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - water : Hazardous to the aquatic environment, short-term : (acute)	Very toxic to aquatic life with long lasting effects. Very toxic to aquatic life with long lasting effects. Not classified Very toxic to aquatic life with long lasting effects.
12.2. Persistence and degradability	
SODIUM ARSENATE HEPTAHYDRATE AR/A	CS (10048-95-0)
Persistence and degradability	May cause long-term adverse effects in the environment.
12.3. Bioaccumulative potential	
No additional information available	
12.4. Mobility in soil	
No additional information available	

No additional information available

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations	
13.1. Waste treatment methods	
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	: Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
Ecology - waste materials	: Hazardous waste due to toxicity.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

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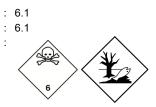
according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

14.1 UN number	
UN-No. (ADR) UN-No. (IMDG) UN-No. (IATA) UN-No. (ADN) UN-No. (RID)	 : UN 1685
14.2. UN proper shipping name	
Proper Shipping Name (ADR) Proper Shipping Name (IMDG) Proper Shipping Name (IATA) Proper Shipping Name (ADN) Proper Shipping Name (RID) Transport document description (ADR) Transport document description (IMDG)	 SODIUM ARSENATE SODIUM ARSENATE Sodium arsenate SODIUM ARSENATE SODIUM ARSENATE UN 1685 SODIUM ARSENATE, 6.1, II, (D/E), ENVIRONMENTALLY HAZARDOUS UN 1685 SODIUM ARSENATE, 6.1, II, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS
Transport document description (IATA) Transport document description (ADN) Transport document description (RID)	 UN 1685 Sodium arsenate, 6.1, II, ENVIRONMENTALLY HAZARDOUS UN 1685 SODIUM ARSENATE, 6.1, II, ENVIRONMENTALLY HAZARDOUS UN 1685 SODIUM ARSENATE, 6.1, II, ENVIRONMENTALLY HAZARDOUS

14.3. Transport hazard class(es)

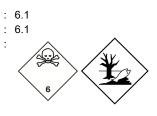
ADR

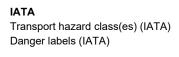
Transport hazard class(es) (ADR) Danger labels (ADR)

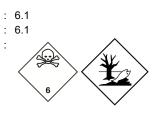


IMDG

Transport hazard class(es) (IMDG) Danger labels (IMDG)

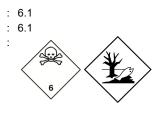






ADN

Transport hazard class(es) (ADN) Danger labels (ADN)



: 6.1 : 6.1

RID

Transport hazard class(es) (RID)	
Danger labels (RID)	

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IIIPacking group (ACR): IIPacking group (MDG): IIPacking group (MDG): IIPacking group (IATA): IIPacking group (IATA): IIPacking group (RD): IIIIIIIIPacking group (RD): III		\vee \vee
Packing group (MCA) : II Packing group (ADN) : II Packing stroup (ADN) : II Packing stroup (ADN) : Yes Marine pollutant : Yes Packing instructions for user Packing instructions (ADR) : 500g Excepted quantities (ADR) : 500g Excepted quantities (ADR) : F022, IECO8 Special packing provisions (ADR) : F042, IECO8 Special packing provisions (ADR) : F042, IECO8 Special packing provisions (ADR) : T3 Packing instructions (ADR) : T3 Packing instructions (ADR) : T3 Packing instructions (ADR) : T4 Packing instructions (ADR) : T3 Packing instructions (ADR) : T4 Packing instructions (ADR) : SCAH Tank code (ADR) : SCAH Tank code (ADR) : SCAH Tank code (ADR) : SUB Paceial provisions for carriage - Depacial provisions for carriage - Package (ADR) : SUB Paceial provisions for carriage - Package (ADR) : SUB Package (ADR) : SUB Packag	14.4. Packing group	
Packing group (ATA) i II Packing group (ATA) i II Packing group (ADN) i II Packing group (RD) i Vis Packing and III Packing and IIII Packing and IIII Packing IIIII Packing IIIII Packing IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Packing group (ADR)	: 11
Packing group (ADN) i II Packing group (ADN) i II 14.5. Environmental hazards 14.5. Environmental hazards Jangerous for the environment i Yes Marine pollutant i Yes Marine pollutant i Yes 14.6. Special precautions for user 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7.	Packing group (IMDG)	: 11
Packing group (RID) i II 14.5. Environmental hazards : Yes Order information : Yes Other information : No supplementary information available 14.5. Special precautions for user Image and the information available Overlag duantities (ADR) : T5 Limited quantities (ADR) : 500g Excepted quantities (ADR) : 600g Special previsions (ADR) : 600g Portable tank and bulk container special provisions : 73 Portable tank and bulk container special provisions : 73 Portable tank and bulk container special provisions : : Tank code (ADR) : : : Tank code (ADR) : : : Tank code (ADR) : : : : Special provisions (ADR) : : : : Tank code (ADR) : : : : : : Special provisions for carriage - Packages (ADR) : : : : : : <td>Packing group (IATA)</td> <td>: 11</td>	Packing group (IATA)	: 11
14.5. Environmental hazards Dangerous for the environment : Yes Marine pollutant : Yes Other information : No supplementary information available 14.5. Special precautions for user Overland transport Classification code (ADR) : T5 Imited quantities (ADR) : E4 Packing instructions (ADR) : B4 Portable tank and buik container instructions (ADR) : T93 Portable tank and buik container instructions (ADR) : SGAH Tank special provisions (ADR) : SGAH Tank special provisions (ADR) : 2 Special provisions for Carriage : AT Transport designer (ADR) : 2 Special provisions for Carriage - Davation (ADR) : 2 Special provisions for Carriage - Davation (ADR) : V11 Special provisions for carriage - Operation (ADR) : S9, S19 Hazard identification number (Kemier No.) : D0 Orange plates : D0 Tansport design on visions (MDG) : E0 Exact point diffication number (Kemier No.) : D0 Orange plates : D0 Borand provisions (MDG) : E00 <td></td> <td></td>		
Dangerous for the environment : Yes Marine pollutant : Yes Other information : No supplementary information available 14.5. Special proceutions for user Classification code (ADR) : 15 Limited quantities (ADR) : E4 Packing instructions (ADR) : P1002, IBC08 Special packing provisions (ADR) : B4 Mixed packing provisions (ADR) : NH°10 Portable tank and buk container special provisions : TP33 (ADR) Tank code (ADR) : SGAH Tank code (ADR) : SGAH Tank code (ADR) : Q2 Special packing for visions for Carriage - Dackages (ADR) : V11 Special parking for carriage - Dackages (ADR) : S9, S19 Hazard identification number (Kemter No.) : G0 Tange plates : $\frac{60}{1685}$ Turnel restriction code (ADR) : DIE EAC code : ZX Transport System Limited quantities (IMDG) : E4 Packing instructions (IMDG) : E4 Limited quantities (IMDG) : F002 IBC packing instructions (IMDG) : E4 Packing instructions (IMDG) : F002 IBC packing instructions (IMDG) : F00	Packing group (RID)	: II
Maine pollutant : Yes Other information : No supplementary information available It.6. Special proceutions for user Second transport Cassification code (ADR) : T5 Limited quantities (ADR) : E4 Packing instructions (ADR) : E4 Packing instructions (ADR) : B4 Mixed packing provisions (ADR) : B4 Portable tank and bulk container instructions (ADR) : T93 Portable tank and bulk container instructions (ADR) : T93 (ADR) : SGAH Tank code (ADR) : SGAH Tank code (ADR) : SGAH Tank code (ADR) : 2 Special provisions for carriage - Deckages (ADR) : 2 Special provisions for carriage - Loading, unloading : CV13, CV28 and harding (ADR) : 50, S19 Hazard identification number (Kemter No.) : 60 Orange plates : 2 Excepted quantities (IMDG) : 50, S19 Hazard identification number (Kemter No.) : 60 Orange plates : 2 Excepted quantities (IMDG) : 500 g Excepted quantities (IMDG)	14.5. Environmental hazards	
Other information i No supplementary information available 14.6. Special precautions for user Classification code (ADR) i T5 Limited quantities (ADR) i: E4 Packing instructions (ADR) i: D002, (BC08) Special provisions (ADR) i: D002, (BC08) Special provisions (ADR) i: D10 Portable tank and bulk container instructions (ADR) i: T3 Portable tank and bulk container special provisions i: T33 Portable tank and bulk container special provisions i: T33 Portable tank and bulk container special provisions i: T33 Portable tank and bulk container special provisions i: T33 Portable tank and bulk container special provisions i: T33 Portable for tank carriage - Dackages (ADR) i: V11 Special provisions for carriage - Dackages (ADR) i: V11 Special provisions for carriage - Operation (ADR) i: S9, S19 And Anding (ADR) i: S9, S19 Acar dord HURS) i: S00 Orange plates i: D0	Dangerous for the environment	: Yes
14.6. Special precautions for user Ovariand transpot Classification code (ADR) : 15 Limited quantities (ADR) : 500g Excepted quantities (ADR) : E4 Packing instructions (ADR) : B4 Mixed packing provisions (ADR) : B4 Portable tank and buik container instructions (ADR) : T3 Portable tank and buik container instructions (ADR) : T3 Portable tank and buik container instructions (ADR) : T3 Tank code (ADR) : SGAH Tank code (ADR) : SGAH Tank special provisions fOR : SGAH Tank precisions for carriage : AT Transport category (ADR) : 2 Special provisions for carriage - Loading, unloading : CV13, CV28 and handing (ADR) : 500 Portable tank MDS) : 500 Carriage - Operation (ADR) : 500 Orange plates : 2X EAC code : 2X Excepted quantities (MDG) : 500 g Excepted quantities (MDG) : 500 g Excepted quantities (MDG) : E4 Packing instructions (MDG) : E4	Marine pollutant	: Yes
Overland transportClassification code (ADR):T5Limited quantilies (ADR)::Excepted quantilies (ADR)::Packing instructions (ADR)::Packing provisions (ADR)::Potable tank and bulk container instructions (ADR)::Potable tank and bulk container instructions (ADR)::Tank code (ADR):::Tank code (ADR):::Tank special provisions (ADR):::Yehicle for tank and bulk container instructions (ADR):::Tank code (ADR)::::Yehicle for tank carriage::::Yehicle for tank carriage::::Special provisions for carriage - Dackages (ADR)::::Special provisions for carriage - Dackages (ADR)::::Special provisions for carriage - Dackages (ADR)::::Special provisions for carriage - Operation (ADR):::::Special provisions for carriage - Cadring, unloading:::::Tunnel restriction code (ADR):::::::Excepted quantities (IMDG):::::::::::::::::::::::: <td< td=""><td>Other information</td><td>: No supplementary information available</td></td<>	Other information	: No supplementary information available
Classification code (ADR):T5Limited quantities (ADR)::Excepted quantities (ADR)::Packing instructions (ADR)::Potable tank and bulk container instructions (ADR)::Portable tank and bulk container instructions (ADR)::Tank code (ADR)::Tank code (ADR)::Special packing provisions (ADR)::Tank code (ADR)::Tank special provisions (ADR)::Tank special provisions (ADR)::Tank special provisions (ADR)::Tank special provisions (ADR)::Special provisions (ADR)::Tank special provisions (ADR)::Special provisions for carriage - Dackages (ADR)::Y:::Special provisions for carriage - Dackages (ADR)::Y:::Special provisions for carriage - Dackages (ADR)::Y:::Special provisions for carriage - Operation :::Special provisions for carriage - Operation ::: <tr< td=""><td>14.6. Special precautions for user</td><td></td></tr<>	14.6. Special precautions for user	
Limite quantities (ADR):: <t< td=""><td>Overland transport</td><td></td></t<>	Overland transport	
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Air transport PCA Excepted quantities (IATA) PCA Limited quantities (IATA) PCA limited quantity max net quantity (IATA) PCA packing instructions (IATA) PCA max net quantity (IATA) CAO packing instructions (IATA) CAO max net quantity (IATA) ERG code (IATA)	: E4 : Y644 : 1kg : 669 : 25kg : 676 : 100kg : 6L
Inland waterway transport Classification code (ADN) Special provisions (ADN) Limited quantities (ADN) Excepted quantities (ADN) Equipment required (ADN) Number of blue cones/lights (ADN)	: T5 : 802 : 500 g : E4 : PP, EP : 2
Rail transport Classification code (RID) Limited quantities (RID) Excepted quantities (RID) Packing instructions (RID) Special packing provisions (RID) Mixed packing provisions (RID) Portable tank and bulk container instructions (RID) Portable tank and bulk container special provisions	: T5 : 500g : E4 : P002, IBC08 : B4 : MP10 : T3 : TP33
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14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

EU restriction list (REACH Annex XVII)	
Reference code	Applicable on
28.	SODIUM ARSENATE HEPTAHYDRATE AR/ACS

REACH Annex XIV (Authorisation List)

SODIUM ARSENATE HEPTAHYDRATE AR/ACS is not on the REACH Annex XIV List

REACH Candidate List (SVHC)

SODIUM ARSENATE HEPTAHYDRATE AR/ACS is not on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

SODIUM ARSENATE HEPTAHYDRATE AR/ACS is not subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 july 2012 concerning the export and import of hazardous chemicals.

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POP Regulation (Persistent Organic Pollutants)

SODIUM ARSENATE HEPTAHYDRATE AR/ACS is not subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Ozone Regulation (1005/2009)

SODIUM ARSENATE HEPTAHYDRATE is not subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Explosives Precursors Regulation (2019/1148)

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on drug precursors)

15.1.2. National regulations

France

Occupational diseases		
Code	Description	
RG 20	Occupational diseases	caused by arsenic and its mineral compounds
RG 20 BIS	Primary bronchial cancer caused by inhalation of arsenical dust or vapors	
Germany	,	
Water hazard class (WGK)		: Not classified according to Regulation Governing Systems for Handling Substances Hazardous to Waters (AwSV).
Chemicals Prohibition Ordin	· · · ·	: This product is subject to ChemVerbotsV Annex 2 Entry 1. The following requirements must be observed: authorization requirement (according to § 6 paragraph 1 sentence 1), basic requirements for carrying out the delivery (according to § 8 paragraph 1, 3 and 4), identification and documentation (according to § 9 paragraph 1 to 3) and exclusion of the shipping route (according to § 10).
Hazardous Incident Ordinar	nce (12. BImSchV)	: Is not subject of the Hazardous Incident Ordinance (12. BImSchV)
Netherlands		
SZW-lijst van kankerverwekkende stoffen		: The substance is not listed
SZW-lijst van mutagene stoffen SZW-lijst van reprotoxische stoffen – Borstvoeding		: The substance is not listed
	0	: The substance is not listed
SZW-lijst van reprotoxische Vruchtbaarheid	storren –	: The substance is not listed
SZW-lijst van reprotoxische stoffen – Ontwikkeling		: The substance is not listed
Denmark	5	
Danish National Regulation	S	: Young people below the age of 18 years are not allowed to use the product Pregnant/breastfeeding women working with the product must not be in direct contact with the product

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information Abbreviations and acroyms: 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 ATE Acute Toxicity Estimate BCF Bioconcentration factor BLV Biological limit value

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Abbreviations and ac	ronyms:
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
ΙΑΤΑ	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
РВТ	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

Full text of H- and EUH-statements:	
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Carc. 1A	Carcinogenicity, Category 1A
H301	Toxic if swallowed.
H331	Toxic if inhaled.
H350	May cause cancer.

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Full text of H- and EUH-statements:	
H410 \	Very toxic to aquatic life with long lasting effects.

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.