

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

#### 1.1. Product identifier

Product form	: Substance
Substance name	: POTASSIUM SODIUM TARTRATE
EC-No.	: 206-156-8
CAS-No.	: 6381-59-5
REACH registration No	: 01-2119524666-34
Formula	: C4H4O6KNa.4H2O

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Use of the substance/mixture : Use for metal treatment. Preservative. Hardening time (retardant) : Plasters/Cement. Micro-electronics industry.

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

A.M.P.E.R.E. INDUSTRIE  
5/7 RUE DE BRETAGNE - P.A. DES BETHUNES  
95310 SAINT-OUEN-L'AUMÔNE - FRANCE  
T 33 (0)1 34 32 38 00 - F 33 (0)1 30 37 14 96  
[fds@ampere.com](mailto:fds@ampere.com)

#### 1.4. Emergency telephone number

Emergency number : N° ORFILA: +33 (0)1 45 42 59 59

Country	Official advisory body	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service		0344 892 0111	

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

No labelling obligation.

#### 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Name	: POTASSIUM SODIUM TARTRATE
CAS-No.	: 6381-59-5
EC-No.	: 206-156-8

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
potassium sodium tartrate 4H2O	(CAS-No.) 6381-59-5 (EC-No.) 206-156-8	100	Not classified

#### 3.2. Mixtures

Not applicable

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation : Assure fresh air breathing. If necessary : Mask. See the doctor if necessary.

First-aid measures after skin contact : Wash immediately with plenty of water. Get medical advice if skin irritation persists.

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First-aid measures after eye contact : Rinse immediately with plenty of water. Use : Eye drops. Consult an eye specialist.

First-aid measures after ingestion : On ingestion : Treatment : Sodium bicarbonate. Get medical advice/attention.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects : Irritation.

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

If exposed or concerned, get medical advice and attention.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Foam. Carbon dioxide. Water spray. Dry powder.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Hazardous vapours may be released.

### 5.3. Advice for firefighters

Protection during firefighting : Wear a self contained breathing apparatus. Wear appropriate mask. Use protective clothing. (Full protective flameproof clothing).

Other information : Do not allow run-off from fire fighting to enter drains or water courses. Ensure that there is a suitable retention 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

General measures : Avoid dust formation. Do not breathe dust. Avoid substance contact. Ensure adequate ventilation, especially in confined areas. In sensitive persons : Safety glasses, Personal protections equipments, Dust mask.

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Sweep or vacuum application. Shovel into suitable and closed container for disposal. Prevent spreading in sewers.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Collect in suitable container for disposal. Avoid dust formation. After cleaning, flush away traces with water.

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : In sensitive persons : Wear suitable protective clothing. Do not use contact lenses. Use rubber gloves. Dust mask. Wash thoroughly after handling. Wash off with plenty of water.

Hygiene measures

: Do not eat, drink or smoke when using this product. Wash hands and face before break and at end of works.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a closed container. Keep cool. (25°C). Store in a dry place.

### 7.3. Specific end use(s)

(see section(s) : 1.2).

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure adequate ventilation, especially in confined areas.

#### Hand protection:

Use rubber gloves. Leather protective gloves

#### Eye protection:

Safety glasses with face shield

#### Skin and body protection:

Wear suitable protective clothing. Avoid skin contact.

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### Respiratory protection:

No special technical protective measures required. If dust are formed : Mask with filter P2

### 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	: Solid
Appearance	: Powder. Crystals.
Molecular mass	: 282.23 g/mol
Colour	: White.
Odour	: odourless.
Odour threshold	: No data available
pH	: 6.5 - 8.5 (1% / water)
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: 70 - 80 °C
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: 220 °C
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 1.2 g/ml (20 °C)
Solubility	: Water: 1111 g/l
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Not explosive.
Oxidising properties	: Non oxidizing.
Explosive limits	: No data available

### 9.2. Other information

Heat (Specific) 20°C : 0.288 cal/mg/°C

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions. Stable at room temperature. Material is hygroscopic.

### 10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use.

### 10.3. Possibility of hazardous reactions

No.

### 10.4. Conditions to avoid

Avoid excessive heat.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

No additional information available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Additional information	: Considered as non toxic.
Skin corrosion/irritation	: Not classified
	pH: 6.5 - 8.5 (1% / water)

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Serious eye damage/irritation	: Not classified pH: 6.5 - 8.5 (1% / water)
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Additional information	: Absorption : Inhalation, Mucous membranes, Ingestion

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general	: Ecotoxicity effects : Not known.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified

### 12.2. Persistence and degradability

#### POTASSIUM SODIUM TARTRATE (6381-59-5)

Persistence and degradability	Biodegradable.
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### 12.3. Bioaccumulative potential

#### POTASSIUM SODIUM TARTRATE (6381-59-5)

Bioaccumulative potential	Biodegradable ->. This substance is no considered to be very persistent or very bioaccumulative (vPvB).
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### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

#### POTASSIUM SODIUM TARTRATE (6381-59-5)

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 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 local/regional/national/international regulations.
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## SECTION 14: Transport information

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

### 14.1. UN number

UN-No. (ADR)	: Not applicable
UN-No. (IMDG)	: Not applicable
UN-No. (IATA)	: Not applicable
UN-No. (ADN)	: Not applicable
UN-No. (RID)	: Not applicable

### 14.2. UN proper shipping name

Proper Shipping Name (ADR)	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR)	: Not applicable
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#### IMDG

Transport hazard class(es) (IMDG)	: Not applicable
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### IATA

Transport hazard class(es) (IATA) : Not applicable

### ADN

Transport hazard class(es) (ADN) : Not applicable

### RID

Transport hazard class(es) (RID) : Not applicable

### 14.4. Packing group

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

### 14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

#### Inland waterway transport

Not applicable

#### Rail transport

Not applicable

### 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

No REACH Annex XVII restrictions

POTASSIUM SODIUM TARTRATE is not on the REACH Candidate List

POTASSIUM SODIUM TARTRATE is not on the REACH Annex XIV List

SEL DE SEIGNETTE 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.

SEL DE SEIGNETTE is not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

### Indication of changes:

Total revision according to Reach regulation.

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### Abbreviations and acronyms:

ACGIH : American Conference of Governmental Industrial Hygienists  
ADN: European Agreement concerning international carriage of Dangerous goods by Inland waterways  
ADR: European Agreement concerning international carriage of Dangerous goods by Road  
AF : Assessment factor  
AGS : Ausschuss für Gefahrstoffe  
ATE : Acute Toxicity Estimate  
ATEX : ATmosphère Explosive  
BAF : Bioaccumulation Factors  
BCF : Bioconcentration factor  
Bw: Body weight  
CAS: Chemical Abstracts Service  
CERCLA : Comprehensive Environmental Response, Compensation, and Liability Act  
CLP : Classification, labelling, packaging  
CSA : Chemical Safety Assessment  
CSR: Chemical Safety Report  
DFG : German research Foundation  
DMEL : Derived maximum effect level  
DNEL: Derivative No effect Level  
DOT : US Departement of Transportation  
DU : Downstream User  
EC: European Community  
EC No : European Community Number  
EC50 : Half maximal effective concentration  
ECHA : European Chemicals Agency  
EINECS : European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
ELV : Emission limit values  
EN: European Norm  
ERV : Ecotoxicological Reference Value  
EUH: European Hazard Statement  
EWC : European Waste catalogue  
GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)  
GHS : Globally Harmonized System of Classification and Labelling of Chemicals  
HSDB : Hazardous Substances Data Bank  
IARC : International Agency for Research on Cancer  
IATA: International Air Transport Association  
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)  
IBC : International Bulk Chemical  
IC50: Median Inhibition concentration  
ICAO: International Civil Aviation Organization  
ICAO-TI : Technical Instructions by the "International Civil Aviation Organization" (ICAO)  
ICSC : International Chemical Safety Cards  
IDLH : Immediately Dangerous to Life or Health  
IMDG: International Maritime Dangerous Goods  
INCI : International Nomenclature of Cosmetic Ingredient  
IUCLID : International Uniform Chemical Information Database  
KSt : Explosion coefficient

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LC50: Median lethal concentration  
LD50 : Median lethal dose  
LEL : Lower Explosion Limit/Lower Explosive Limit  
LEV : Local Exhaust Ventilation  
LOEC : Lowest Observed Effect Concentration - LOEL : Lowest Observed Effect Level  
LTE : Long Term Exposure  
LTEL : Long Term Exposure Limit  
MARPOL : MARine POLLution  
mg/m<sup>3</sup> : Milligrams per Cubic Metre  
MMAD : Mass median aerodynamic diameter  
MSDS : Material Safety Data Sheet  
NOAEL : No-observed-adverse-effect-level - LOAEL : Lowest Observed Adverse Effect Level  
NOEC : No observed effect concentration  
NOEL : No observed effect level  
N.O.S : Not Otherwise Specified  
NTP : U.S. National Toxicology Program  
OECD : Organisation for Economic Co-operation and Development  
OEL : Operator exposure level  
OSHA : Occupational Safety and Health Administration  
PBT: Persistent, bioaccumulative, Toxic  
PEC : Predicted effect level  
PEL : Permissible Exposure Limit  
pH : relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).  
PNEC: Predicted no effect concentration  
PP : Severe Marine Pollutant  
PPE : Personal Protective Equipement  
ppm : Parts Per Million  
RCRA : Resource Conservation and Recovery Act  
REACH : EC Regulation on Registration, Evaluation and Authorisation of Chemicals (Regulation (EC) N°1907/2006 as amended)  
RID : Regulations concerning the International Carriage of Dangerous Goods by Rail  
RQ : Reportable Quantity measured in pounds (304, CERCLA)  
RRN : REACH Registration Numbers  
SARA : Superfund Amendments and Reauthorization Act  
STE : Short-term exposure  
STEL : Short Term Exposure Limit  
STOT-RE : Specific target organ toxicity, Repeated exposure  
STOT-SE : Specific Target Organ Toxicity, Single exposure  
SVHC : Substance of Very High Concern  
TCLo : Toxic Concentration Low  
TDLo : Toxic Dose Low  
TLV : Threshold Limit Value  
TPQ : Threshold Planning Quantity measured in pounds (302)  
TQ : Threshold Quantity measured in pounds (CAA)  
TWA : Time Weighted Average  
TWA/OEL : Time Weighted Average or Occupational Exposure Limit.  
UEL : Upper Explosion Limit/Upper Explosive Limit  
UWM : Unit World Model  
vPvB - very Persistent, very Bioaccumulative substance  
WEL : Work Exposure Limit  
WGK : Wassergefährdungskasse (Water Hazard Class under Germanan Federal Water Management Act)

SDS EU (REACH Annex II)

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