

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

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
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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/m³ : 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)

DISCLAIMER

The information contained in this sheet comes from reliable sources. It has been drawn up based on our knowledge at the time of the most recent update, as indicated. This information is intended as an aid to the user and should not be considered as a guarantee.

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All substances or mixtures can present unknown dangers and must be used with caution. We cannot guarantee that all dangers have been set out in an exhaustive manner.

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