

# Trafalgar Chemicals - Safety Data Sheet

1354-CO

(in accordance with regulation (EU) 2015/830 and regulation (EC) 1272/2008)

Revision: 1.1

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## Section 1. Identification

### 1.1 Product Identifier 1354-CO

Product Name POTASSIUM SODIUM TARTRATE 4H<sub>2</sub>O pure 500g.

CAS Number 6381-59-5

REACH Registration No A registration number is not available as the substance or its uses are exempt, the annual tonnage does not require a registration or the registration is envisaged for a later date.

Molecular Formula  $\text{COOK}(\text{CHOH})_2\text{COONa} \cdot 4\text{H}_2\text{O} = 282.22$

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

Uses of Material Chemical for industrial and laboratory use. Not suitable for domestic use.

### 1.3 Supplier Trafalgar Chemicals



Trafalgar Scientific Ltd.  
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Email [info@trafalgarscientific.co.uk](mailto:info@trafalgarscientific.co.uk)  
Website [www.trafalgarscientific.co.uk](http://www.trafalgarscientific.co.uk)

### 1.4 Emergency Telephone (08:00-17:00) +44(0) 116 2879460 (24hr) 112 (Have this document to hand)

## Section 2. Hazards Identification

### 2.1 Classification of the substance or mixture

Classification according to regulation (EC) 1272/2008 as amended by GB-CLP Regulation, UK SI 2019/720 & UK SI 2020/1567  
Not classified as hazardous.

### 2.2 Label elements

Labelling according to regulation (EC) 1272/2008 as amended by GB-CLP Regulation, UK SI 2019/720 & UK SI 2020/1567  
Not classified as hazardous.

## Section 3. Composition

### 3.1 Substances

Not classified as hazardous.

## Section 4. First Aid

### 4.1 Description of first aid measures

|                                      |                                                                                                                                          |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Eyes                                 | Irrigate thoroughly with plenty of water for at least 10 minutes, holding the eye open. If discomfort persists OBTAIN MEDICAL ATTENTION. |
| Skin                                 | Wash off skin thoroughly with water.                                                                                                     |
| Inhalation                           | Remove from exposure.                                                                                                                    |
| Ingestion                            | Wash out the patients mouth thoroughly with water. In severe cases or if exposure has been great, OBTAIN MEDICAL ATTENTION.              |
| Personal protection for first aiders | Wear protective gloves / eye protection.                                                                                                 |

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

No further relevant information available.

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

No further relevant information available.

## Section 5. Fire Fighting

### 5.1 Extinguishing media

|                     |                    |
|---------------------|--------------------|
| Extinguishing Media | Water spray.       |
| Unsuitable Media    | Nothing specified. |

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

|         |                                              |
|---------|----------------------------------------------|
| Hazards | May support combustion at high temperatures. |
|---------|----------------------------------------------|

### 5.3 Advice for firefighters

|                         |                                               |
|-------------------------|-----------------------------------------------|
| Advice for firefighters | Consider all other materials in the vicinity. |
|-------------------------|-----------------------------------------------|

## Section 6. Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

|                     |                            |
|---------------------|----------------------------|
| Personal Protection | Presents no major hazards. |
|---------------------|----------------------------|

### 6.2 Environmental precautions

|              |                                         |
|--------------|-----------------------------------------|
| Enviromental | Presents no major environmental hazard. |
|--------------|-----------------------------------------|

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

|                |                                                                                          |
|----------------|------------------------------------------------------------------------------------------|
| Major Spillage | Shovel/sweep up into container for removal Wash area down with copious amounts of water. |
| Minor Spillage | Wash area down with copious amounts of water.                                            |

### 6.4 Reference to other sections

See section 8.2 for information on protective equipment and section 13 for information on disposal.

## Section 7. Storage & Handling

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Do not breath dust. Do not allow to contaminate clothing.  
Ensure Local Exhaust Ventilation maintains dust concentrations below the recommended limits.

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

Well ventilated, cool, dry storage .

### 7.3 Specific end use(s)

See section 1.2.

## Section 8. Workplace Exposure & Personal Protection

### 8.1 Control parameters

Exposure data source(s) No hazardous components.

### 8.2 Exposure controls

|                        |                                                                                                                    |
|------------------------|--------------------------------------------------------------------------------------------------------------------|
| Respiratory Protection | If process creates significant amounts of dust use L.E.V. or wear suitable dust mask.                              |
| Hand Protection        | Wear gloves.                                                                                                       |
| Eye Protection         | Use tightly fitting chemical splash proof glasses or goggles.                                                      |
| Skin Protection        | Avoid contact with skin. If skin contact or contamination of clothing is likely, protective clothing must be worn. |
| Special Hazards        | No special precautions required.                                                                                   |

## Section 9. Physical & Chemical Properties

### 9.1 Information on basic physical and chemical properties

|                       |                                       |
|-----------------------|---------------------------------------|
| Appearance            | White crystalline powder or granules. |
| Odour                 | No specific odour.                    |
| pH                    | 8 @ 20°C                              |
| Boiling Point         | Not available                         |
| Melting Point         | 70°C                                  |
| Flash Point           | Not applicable                        |
| Upper Flammable Limit | Not applicable                        |
| Lower Flammable Limit | Not applicable                        |
| Auto Ignition         | Not applicable                        |
| Explosive Properties  | No.                                   |
| Oxidising Properties  | No.                                   |
| Vapour Pressure       | Not applicable                        |
| Relative Density      | Not available                         |
| Water Solubility      | 66%                                   |

### 9.2 Other information

No data available.

## Section 10. Stability & Reactivity

|      |                                    |                                                                                  |
|------|------------------------------------|----------------------------------------------------------------------------------|
| 10.1 | Reactivity                         | No data available.                                                               |
| 10.2 | Chemical Stability                 | Stable under normal conditions                                                   |
| 10.3 | Possibility of hazardous reactions | No data available.                                                               |
| 10.4 | Conditions to Avoid                | No specific conditions.                                                          |
| 10.5 | Incompatible materials             | No specific conditions.                                                          |
| 10.6 | Hazardous Decomposition Products   | None unusual. Burning will produce smoke, carbon monoxide and/or carbon dioxide. |

## Section 11. Toxicological Information

### 11.1 Information on toxicological effects

|                 |                                                                                               |
|-----------------|-----------------------------------------------------------------------------------------------|
| Eyes            | Contact with the solid or dust may be irritating to the eyes.                                 |
| Skin            | Presents no significant hazard by skin contact.                                               |
| LD50 Skin       | Not available                                                                                 |
| Ingestion       | Ingestion of large amounts may cause diarrhoea, nausea, vomiting, hyperpnoea and convulsions. |
| LD50 Oral       | 4360mg/kg Human                                                                               |
| Inhalation      | Presents no significant health hazard by inhalation.                                          |
| LD50 Inhalation | Not available                                                                                 |
| TCLo            | Not available                                                                                 |

|                      |                                    |
|----------------------|------------------------------------|
| Carcinogenicity      | Not considered to be a carcinogen. |
| Mutagenicity         | Not considered to be a mutagen.    |
| Reproductive Effects | None identified.                   |
| Other Information    | Used in the food industry.         |

## Section 12. Ecological

|                                                  |                                                         |
|--------------------------------------------------|---------------------------------------------------------|
| <b>12.1 Toxicity</b>                             | Small amounts present no specific environmental hazard. |
| LC50 Algal                                       | Not available                                           |
| LC50 Crustacea                                   | Not available                                           |
| LC50 Fish                                        | Not available                                           |
| <b>12.2 Persistence and degradability</b>        | No data available.                                      |
| <b>12.3 Bioaccumulative potential</b>            | No data available.                                      |
| <b>12.4 Mobility in soil</b>                     | No data available.                                      |
| <b>12.5 Results of PBT &amp; vPvB assessment</b> | Assessment not required.                                |
| <b>12.6 Other adverse effects</b>                | None known at present.                                  |

## Section 13. Disposal Considerations

### 13.1 Waste treatment methods

|                        |                                                                               |
|------------------------|-------------------------------------------------------------------------------|
| Disposal Methods       | Do not dispose of as domestic waste. Dispose of to a licensed land fill site. |
| Contaminated Packaging | Wash out containers with water. Use a licensed waste disposer.                |

## Section 14. Transport Information

|                                          |                                  |
|------------------------------------------|----------------------------------|
| <b>14.1 UN Number</b>                    | Non-restricted                   |
| <b>14.2 Proper Shipping Name</b>         | Non-restricted                   |
| <b>14.3 Transport classes</b>            |                                  |
| UN classification                        | None                             |
| Subsidiary hazard(s)                     | None                             |
| Transport category                       | None                             |
| ADR Hazard ID                            | Non-restricted                   |
| Tunnel Restriction Code                  | Non-restricted                   |
| <b>14.4 Packing Group</b>                | None                             |
| <b>14.5 Environment hazards</b>          | See section 12.                  |
| <b>14.6 Special precautions for user</b> | No special precautions required. |
| <b>14.7 Transport in bulk</b>            | Not transported in bulk.         |

## Section 15. Regulatory Information

### 15.1 Safety, health and environment regulations specific for substance/mixture.

Not classified as hazardous under Classification, Labelling & Packaging of Substances & Mixtures Regulations (1272/2008/CE).

### 15.2 Chemical safety assessment

Assessment not required.

## Section 16. Other Information

The information contained in this document only covers the hazards presented by this material, it DOES NOT constitute a workplace risk assessment. See sections 11 for toxicological information and section 12 for ecological information.

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