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PanReac AppliChem ITW Reagents

Safety Data Sheet
According to Regulation (EC) 1907/2006 and (EU) 453/2010

1489 Potassium Bromide

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Name:
Potassium Bromide

CAS: [7758-02-3]

REACH Registration Number: A registration number is not available for this substance as the substance or its use are exempted from registration according to Article 2 REACH Regulation (EC) Nº 1907/2006, the annual tonnage does not requiere a registration, the registration is envisaged for a later registration deadline or it is a mixture.

1.2 Relevant identified uses of the substance or mixture:

For laboratory utilisation, analysis, research and fine chemistry.

1.3 Identification of the company or firm:

PANREAC QUIMICA S.L.U.
C/Garraf 2
Polígono Pla de la Bruguera
E-08211 Castellar del Vallès
(Barcelona) Spain
Tel. (+34) 937 489 400
e-mail: product.safety@panreac.com

1.4 Emergency telephone:

Single telephone number for emergency calls: 112 (EU)
Tel.: (+34) 937 489 499

2. Identification of dangers

2.1 Classification of the substance or the mixture.

No hazardous substance as specified in Regulation (CE) 1272/2008.

For the full text of the R-phrases mentioned in this section, see section 16.

2.3 Other hazards:

No further relevant information available.

3. Composition/information on ingredients

Name: Potassium Bromide
Formula: KBr M.= 119,01 CAS [7758-02-3]
EC number (EINECS): 231-830-3

4. First aid measures

4.1 General indications:
Never provide drink or induce vomiting in the event of loss of consciousness.

4.2 Inhaling:
Take the person out into the fresh air. In the event sickness persists, seek medical assistance.

4.3 Contact with the skin:
Wash with plenty of water. Remove contaminated clothing.

4.4 Eyes:
Wash with plenty of water, keeping eyelids open.

4.5 Swallowing:
Drink large amounts of water. Induce vomiting. Call for medical help.

5. Firefighting measures

5.1 Suitable extinguishing media:
As appropriate to the environment.

5.2 Unsuitable extinguishing media:
No specific data.

5.3 Special hazards arising from the substance or mixture:
Incombustible. In the event of fire, toxic fumes may form:

5.4 Advice for firefighters:
Suitable clothing and footwear.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:
Do not inhale the dust.

6.2 Environmental precautions:
Avoid pollution of the soil, water supplies and drains.

6.3 Methods and material for containment and cleaning up:
Collect up dry and deposit in waste containers for subsequent elimination in accordance with current legislation. Clean any remains with plenty of water.

7. Handling and storage

7.1 Precautions for safe handling:
No special indications.

7.2 Conditions for safe storage, including any incompatibilities:
Well sealed containers. Dry atmosphere.

8. Exposure controls/personal protection

8.1 Exposure controls:
No special indications.

8.2 Control parameters:
Data not available.

8.3 Respiratory protection:
If dust forms, use suitable respiratory protection.

8.4 Hand protection:
Use suitable gloves

8.5 Eye/face protection:
Use suitable goggles.

8.6 Individual hygiene measures:
Use suitable work clothing. Wash hands before breaks and when the job is done.

8.7 Environmental exposure controls:
Fulfill the commitments under local environmental protection legislation.

9. Physical and chemical properties

Appearance: solid
Colour: White
Granulometry: N/A
Odour: N/A
pH: 5,5 - 8,5 ((5% solution))
Melting point/freezing point: 730 °C
Initial boiling point and boiling range: 1.380 °C
Flash point:
N/A
Flammability (solid, gas):
N/A
Upper/lower flammability or explosive limits:
N/A
Vapour pressure: N/A
Vapour density: N/A
Relative density:

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2,75 g/ml

Solubility: 650 g/l in water (20 °C)
Partition coefficient: n-octanol/water:
N/A
Auto-ignition temperature:
N/A
Decomposition temperature: N/A
Kinematic viscosity: N/A
Dynamic viscosity:
N/A

10. Stability and reactivity

10.1 Conditions to avoid:
The product is chemically stable under standar ambient conditions (room temperature).

10.2 Incompatible materials:
Acids. Halogen halides.

10.3 Hazardous decomposition products:
Br2. HBr.

10.4 Chemical stability:
No specific data.

11. Toxicological information

11.1 Acute toxicity:
: Data not available.

11.2 Dangerous effects for health:
The data we have are insufficient for correct toxicological assessment. Based on the physico-chemical properties, the likely dangerous characteristics are: If swallowed in large quantities: spasms anxiety tiredness No dangerous characteristics are to be anticipated. Take the usual precautions for handling chemical products.

12. Environmental information

12.1 Toxicity:
- EC50 test (mg/l):
- Receptor medium:
Risk for the water environment
Risk for the land environment
- Observations:

12.2 Persistence and Degradability :
- Test:
BOD5
- Biotic degradation classification:
BOD5/COD
Biodegradability
- Abiotic degradation depending on pH:
- Observations:

12.3 Bioaccumulative potential:
- **Test:**
- Bioaccumulation:
Risk
- Observations:

12.4 Mobility in soil :
Data not available.

12.5 Assessment PBT and MPMB :
Data not available.

12.6 Other adverse effects:
If suitable handling conditions are maintained, no ecological problems are to be anticipated.

13. Disposal considerations

13.1 Waste treatment methods:
In the European Union, there are no homogeneous standards established for elimination of chemical waste, which is waste of a special nature, and treatment and elimination of same is subject to the domestic legislation in each country.
In view of this, in each case, you should contact the competent authority or those companies legally authorized for elimination of waste.
2001/573/EC: Council Decision of 23 July 2001 amending Commission Decision 2000/532/EC as regards the list of wastes.Council Directive 91/156/EEC of 18 March 1991 amending Directive 75/442/EEC on waste.
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13.2 Contaminated containers:
Contaminated containers and packaging of dangerous substances or preparations must be treated in the same manner as the actual products contained in them.
European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste.
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14. Transport information

Not classified as dangerous in the meaning of transport regulations.

15. Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

16. Other information

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In respect of the previous review, changes have been made to the following sections: 15
The information included in this Safety Data Sheet is based on our most up-to-date knowledge, and is solely intended to inform regarding aspects of safety; the properties and characteristics indicated herein are not guaranteed.