

SAFETY DATA SHEET
POTASSIUM SORBATE POWDER

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Issued: 09/06/2014
Revision No: 1

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Name of substance: POTASSIUM SORBATE
Formula: $C_6H_7O_2K$
Structure: $CH_3-CH=CH-CH=CH-COOK$
Molecular Weight: 150.22

Company name: Nexchem Ltd
Unit 1 Underwood Court
Elm Tree Avenue
Glenfield
Leicester
Leicestershire
LE3 8SG
Tel: 0116 2311130
Fax: 0116 2311124
Emergency Tel: +44 (0) 116 2877916 or +44 (0) 7714 303742 (24 Hours)
Email: sales@nexchem.co.uk

2. HAZARDS IDENTIFICATION

Hazard warning not required

3. COMPOSITION / INFORMATION ON INGREDIENTS

CAS Name: 2,4 - Hexadienoic,(E,E)-Potassium Salt
CAS No.: 590-00-1

4. FIRST AID MEASURES (SYMPTOMS)

In case of eye or skin contact, wash with large amounts of water for 15 to 20 minutes.

In case of ingestion, treat symptomatically and supportively. In the event of persist symptoms receive medical treatment.

In case of inhalation seek fresh air and aid breathing if necessary. Get medical attention.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing material: Alcohol-resistant foam; DRY powder; Carbon dioxide; water spray jet.

Fight fire in early stages is safe to do so.

Don't inhale explosion and/or combustion gases.

Wear respiratory protection.

Well ventilated areas: full-face mask with combination filter.

Enclose premises: respirator with independent air supply.

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6. ACCIDENTAL RELEASE MEASURES

Action to be taken spills and releases: Sweep up and place in suitable clean, dry containers for reclamation or later disposal.

Do not flush spilled material into sewer.

Keep unnecessary people away.

7. HANDLING AND STORAGE

Keep cool and dry in tightly closed containers. Keep product out of light, and avoid exposure to excessive heat.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

If product is handled while not enclosed, and if skin contact may occur: Put on respiratory protective gloves for chemicals.

Eye protection: Goggles.

Keep the place of work clean. Avoid contact with product, change badly soiled or soaked clothing.

Wash hands before breaks and at end of work.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical form:	White powder
Odour:	Odourless
Colour:	White
Melting point:	270 °C (decompose)
PH value:	7-8
Density (20 °C):	1.36g/cm ³
Solubility:	Slightly soluble in alcohol, 67.6 g dissolves in 100ml of water at 20°C.

10. STABILITY AND REACTIVITY

Stability:	Stable.
Combustion gases:	In the event of fire, the formation of carbon dioxide, and water (and potassium carbonate).
Solid product combustibility:	Not combustible.
Risk of dust explosion:	No risk.
Impact sensitivity:	Not impact sensitive.
Risk of polymerization:	Will not occur.

11. TOXICOLOGICAL INFORMATION

Actue toxicity:	LD50 4920 mg/kg (large mouse by mouth)
Irritability:	Slight irritant.
Sensitization:	non-sensitizing.

[cont...]

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12. ECOLOGICAL INFORMATION

Ecological datas are not available, not monitored into the environment.

13. DISPOSAL CONSIDERATIONS

Package product waste, close and label the waste receptacles and likewise, any uncleaned empty containers.
Dispose of them at a suitable waste incineration plant in accordance with the official regulations. Where large quantities are concerned, consult the supplier.

14. TRANSPORT INFORMATION

Not dangerous cargo. Don't define in the transport regulation.

15. REGULATORY INFORMATION

Labelling is not required.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Application: Food additives

Legal disclaimer: The information contained in this SDS does not constitute a risk assessment, and should not replace the user's own assessment of risks as required by other health and safety legislation. This advice is given by Nexchem Ltd who accept no legal liability for it except otherwise provided by law. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.