

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

Product name: Potassium Sorbate

Product code: 70166

SUPPLIER: The Soap Kitchen, Units 2 D&E Hatchmoor Ind/Est, Torrington, EX38 7HP.

Emergency Tel No: 01805 622944 Emergency Contact: Mr. Richard Phillips

2. COMPOSITION / INFORMATION ON INGREDIENTS.

Definition/Origin: A preservative of chemical formula $\text{CH}_3\text{-CH=CH-CH=CH-COOK}$

CAS No: 24634-61-5 EC No: 246-376-1 CTFA monograph ID: 2501

Use: preservative Chemical name: potassium-2,4-hexadienoate

INCI name: Potassium sorbate

3. HAZARDS IDENTIFICATION:

Xi, Irritant

4. FIRST-AID MEASURES:

INHALATION: Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

EYE CONTACT: Rinse immediately with plenty of water for at least 15 minutes. Contact a doctor if symptoms persist.

SKIN CONTACT: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

INGESTION: Rinse mouth out with water. Seek medical advice immediately.

OTHER: When assessing action take Risk & Safety Phrases into account (Section 15)

5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA RECOMMENDED: Use CO_2 , Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

SPECIAL MEASURES: Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

EXTINGUISHING PROCEDURES: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

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Revised 04/09. This document replaces any previously issued documents.

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6. ACCIDENTAL RELEASE MEASURES.

PERSONAL PRECAUTIONS:	Avoid contact with skin eyes and clothes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing).
ENVIRONMENT PRECAUTIONS:	Keep away from drains, soils, surface & ground waters.
CLEANING UP METHODS	Remove all potential ignition sources. Contain spilled material.
SPILLAGES:	Ventilate area of leak or spill, sweep up and remove to an approved disposal container. Observe state, federal & local disposal regulations.

7. HANDLING & STORAGE.

PRECAUTIONS IN HANDLING:	Apply good manufacturing practice & industrial hygiene practices. Observe good personal hygiene, and do not eat, drink or smoke whilst handling. Wear protective goggles and gloves when handling material.
STORAGE CONDITIONS:	Store in tightly closed original container, in a cool & dry area away from heat sources & protected from light. Avoid dust formation and control ignition sources. Keep air contact to a minimum.
FIRE PROTECTION:	Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION.

RESPIRATORY PROTECTION:	Avoid breathing product dust. Apply local ventilation.
VENTILATION:	Ensure good ventilation of working area.
HAND PROTECTION:	Avoid all skin contact. Use chemically resistant gloves if required.
EYE PROTECTION:	Use safety glasses.
WORK/HYGIENE PRACTICES:	Wash hands with soap & water after handling.

9. PHYSICAL & CHEMICAL PROPERTIES.

COLOUR:	White
APPEARANCE:	Powder
ODOUR:	Odourless
MELTING POINT:	270 °C

10. STABILITY & REACTIVITY.

REACTIVITY:	It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.
DECOMPOSITION:	Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

11. TOXICOLOGICAL INFORMATION.

Eye irritant: hazardous in case of eye contact. Irritating to respiratory system.

LD₅₀(Rat) 8000mg/kg. *

* From Literature

12. ECOLOGICAL INFORMATION.

BIODEGRADABILITY:	Readily biodegradable
PRECAUTIONS:	Prevent surface contamination of soil, ground & surface water.

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13. DISPOSAL CONSIDERATIONS.

Dispose of according to local regulations.

Avoid disposing into drainage systems and into the environment.

14. TRANSPORT REGULATIONS.

Road (ADR/RID): n/a
SEA (IMDG): n/a
AIR (IATA): n/a
CHIP: See section 15

15. REGULATORY INFORMATION.

HAZARDS: Irritant
SYMBOLS: Xi
RISK PHRASES: R36/37 Irritating to eyes and respiratory system
SAFETY PHRASES: S 22 Do not breathe dust
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

16. OTHER INFORMATION.

PACKAGING:

Type

Suitability

Type	Suitability
Glass	Yes
Lacquer lined steel/tin	Yes
Aluminium	Yes
HPPE	Yes
F/HDPE	No
Other plastic	Yes
Paper / poly bags	Yes

SHELF LIFE

When stored within advised conditions, re-test after 12 months and then at 6 monthly intervals.

Q.C. REQUIREMENTS.

In-line with general product specification. Always satisfy suitability for specific application.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.

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