

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Potassium Thioglycolate.	Supplier:	ASES CHEMICAL WORKS.
Synonyms:	Potassium Mercaptoacetate	Address:	Brahm Bagh, Jalori Gate Jodhpur - 342001 Rajasthan-India
INCI Name:	Potassium Thioglycolate	Phone:	+91-9636889954
CAS Number:	34452-51-2	Web:	www.ases.in
Product Form:	Liquid	Email :	ecom@ases.in
Product Use:	Cosmetic raw material.		

2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

Hazard Class and Category Code(s)

Acute toxicity, Oral: (Category 3)

Acute toxicity, Dermal: (Category 4)

Skin Sensitization: (Category 1)

Corrosive to metal: (Category 1)

GHS Label elements

Signal word: DANGER.

Pictograms:



Hazard and precautionary statements

Hazard statements

H301: Toxic if swallowed

H312: Harmful in contact with skin.

H317: May cause an allergic skin reaction

H290: May be corrosive to metals

Precautionary statement(s)

P280: Wear protective gloves

P302+352: IF ON SKIN: Wash with plenty of soap and water

P309+310: If exposed or if you feel unwell: Immediately call a POISON CENTRE or doctor/physician

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS-No.	EC Number	Composition (%)
Potassium Thioglycolate	34452-51-2	252-038-4	44%
Water	7732-18-5	231-791-2	66%

4 FIRST AID MEASURES

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin Contact: Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5 FIRE-FIGHTING MEASURES

Suitable extinguishing media: Carbon dioxide. Dry powder. Foam. Water spray.

Special Hazards: During combustion, may emit irritant fumes.

Fire-Fighting/Further Advice: Wear self-contained breathing apparatus for firefighting if necessary.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods for cleaning: Pick up and arrange disposal. Sweep up and shovel. Keep in closed containers for disposal.

MATERIAL SAFETY DATA SHEET

POTASSIUM THIOGLYCOLATE

7 HANDLING & STORAGE

Handling: Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Avoid exposure. Provide appropriate exhaust ventilation at places where dust is formed.

Storage: Store in cool place. Keep container tightly closed in a dry and well-ventilated place

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection: Wear approved mask.

Hand protection: Wear protective gloves.

Skin protection: Wear suitable protective clothing.

Eye protection: Chemical goggles or safety glasses.

Hygiene measures: Handle in accordance with good hygiene and safety practices.

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	Melting point	-16.5°C
Appearance	Colorless transparent liquid	Flash Point	99.8°C)
Colour	Colorless	Boiling Point	225.5°C at 760mmHg
Odor	malodorous	Evaporation rate	No data available
pH	6.5 - 7.5 (20 °C)	Vapor pressure	No data available
Viscosity	No data available	Vapor density	No data available
Specific Gravity	1.250 - 1.255 g/mL	Solubility (water)	Soluble
Density	1.25 g/cm ³ (20 °C)		

10 STABILITY AND REACTIVITY

Reactivity: No data available.

Chemical Stability: Stable under normal temperature conditions

Hazardous Polymerization: No data available.

Conditions to Avoid: No data available.

Incompatible Materials: Metal, metal alloys.

Hazardous Decomposition Products: None known.

11 TOXICOLOGICAL INFORMATION

Acute toxicity: LD50 oral (rat) 200-500 mg/kg

Skin corrosion/Irritation: Rabbit - slight irritation

Serious eye damage/eye irritation: No eye irritation

Respiratory or skin sensitization: Mouse- positive

Reproductive toxicity: No data available

Specific target organ toxicity - single exposure: The substance is not classified as Specific target organ toxicity - single exposure

Specific target organ toxicity - repeated exposure: The substance is not classified as Specific target organ toxicity - repeated exposure

12 ECOLOGICAL INFORMATION

Toxicity: No information available

Persistence and degradability: No information available

Bioaccumulative potential: No data available

Mobility in soil: No data available

Results of PBT and vPvB assessment: Not known

Other adverse effects: Not known.

MATERIAL SAFETY DATA SHEET

POTASSIUM THIOGLYCOLATE

13 DISPOSAL CONSIDERATIONS

Disposal methods: Dispose of in accordance with relevant local regulations

14 TRANSPORT INFORMATION

UN number: 2922

UN Proper shipping name: CORROSIVE LIQUID TOXIC N.O.S (POTASSIUM THIOGLYCOLATE SOLUTION), 8

Transport hazard class(es): 6.1

Packing group: III

Environmental hazards: Not classified

ADR/RID: UN2922; CORROSIVE LIQUID TOXIC N.O.S (POTASSIUM THIOGLYCOLATE SOLUTION), 8

IMDG: UN2922; CORROSIVE LIQUID TOXIC N.O.S (POTASSIUM THIOGLYCOLATE SOLUTION), 8

IATA: UN2922; CORROSIVE LIQUID TOXIC N.O.S (POTASSIUM THIOGLYCOLATE SOLUTION), 8

15 REGULATORY INFORMATION

Not available

16 OTHER INFORMATION

Disclaimer & Caution

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and ASES CHEMICAL WORKS assume no liability resulting from its use.