

SAFETY DATA SHEET

SODIUM IODIDE

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

Product name	SODIUM IODIDE
In-house No.	4684
Applications	@@@Laboratoriekemikalie@@@
Supplier	Fisher Scientific AB gtf.info@thermofisher.com Södra Längebergsgatan 30 SE-421 32 Västra Frölunda Tel: 031-689400 Fax: 031-680717
Emergency telephone number	@@@+ 32 14 57 52 99@@@
EC No.	231-679-3
Gross formula	Nal
CAS No.	7681-82-5

2. HAZARDS IDENTIFICATION

EYE CONTACT: can irritate the eyes. SKIN CONTACT: may give irritations to the skin.

CLP

Hazard pictograms



Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P321 Specific treatment (see ... on this label). P405 Store locked up. @@@Innehållet/behållaren lämnas till lokalt renhållningsverk.@@@

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

CLP

Section 16 contains detailed classification phrases.

4. FIRST AID MEASURES

Inhalation	Move the exposed person to fresh air at once. Provide rest, warmth and fresh air.
Ingestion	Rinse mouth thoroughly with water and give large amounts of milk or water to

	people not unconscious. Contact physician.
Skin	Rinse the skin immediately with lots of water. Contact physician if irritation continues.
Eyes	Rinse the eye with water immediately. Contact physician if irritation persists.

5. FIRE-FIGHTING MEASURES

Extinguishing media	Use extinguishing media appropriate for surrounding fire.
Special fire fighting procedures	Move container from fire area if it can be done without risk. Avoid breathing fire vapours.

6. ACCIDENTAL RELEASE MEASURES

Spill cleanup methods	Shovel into dry containers. Cover and move the containers. Flush the area with water. Avoid dust formation.
------------------------------	---

7. HANDLING AND STORAGE

Usage precautions	Avoid spilling, skin and eye contact. Eye wash station should be available at the work place.
Storage precautions	Store in a safe place away from children and not together with or near food, animal feed or medicines etc. Keep containers tightly closed.
Storage criteria	Chemical storage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation	Well ventilated area.
Respirators	Wear respirator if there is dust formation. Dust filter P2 (for fine dust).
Protective gloves	Use protective gloves made of: Rubber or plastic.
Eye protection	Wear approved safety goggles.
Other Protection	Wear appropriate clothing to prevent reasonably probable skin contact.
Hygienic work practices	Wash at the end of each work shift and before eating, smoking and using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid. Cubic or cubes. Crystals or crystalline. Hygroscopic.		
Colour	Colourless.		
Odour	No characteristic odour.		
Solubility description	Very soluble in water. Ethanol. Glycerine. Soluble in: Acetone.		
Solubility value (g/100g H₂O 20°C)	179.00		
Molecular weight	149.89		
Boiling point (°C, interval)	1300	Pressure	
Melting/freezing point (°C, interval)	651		
Density (g/cm³)	3.67	Temperature (°C)	
Vapour pressure	1.00	Temperature (°C)	767

10. STABILITY AND REACTIVITY

Stability	Normally stable. Avoid: Moisture. Air and oxidisers. Light.
Hazardous polymerisation	Will not polymerise.
Materials to avoid	Strong oxidising agents. Alkali metals.

Hazardous decomp. products High temperatures generate: Very toxic gases/vapours/fumes of: Iodine.

11. TOXICOLOGICAL INFORMATION

Toxic dose - LD 50: 4340.00 mg/kg (oral rat)
Health warnings @@@Produkten innehåller inga CMR-ämnen enligt tillverkaren.@@@ Irritating to skin.
Route of entry No route of entry noted.
Target organs Eyes. Skin.

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

Disposal methods Vent to atmosphere. Confirm disposal procedures with environmental engineer and local regulations.

14. TRANSPORT INFORMATION

15. REGULATORY INFORMATION

EC no. 231-679-3

16. OTHER INFORMATION

* Information revised since the previous version of the SDS

Information sources Registry of Toxic Effects of Chemical Substances (RTECS). Handbook of Reactive Chemical Hazards, L. Bretherick, 3. ed., 1985. The Condensed Chemical Dictionary, Hawley, 11th. edition, 1987. The Merck Index, 11. edition, 1989. Dangerous Properties of Industrial Chemicals, 7th edition, Sax & Lewis, 1988. Handling Chemicals Safely, Stuurgroep-Kemikaarten, 1980. Sigma-Aldrich Material Safety Data Sheets on CD-ROM.

Revision date 2011-12-29