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 Långebergsalong 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: NaI
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
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.

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

Colour
Colourless.

Odour
No characteristic odour.

Solubility description

Solubility value (g/100g H2O 20°C)
179.00

Molecular weight
149.89

Boiling point (°C, interval)
1300

Melting/freezing point (°C, interval)
651

Density (g/cm3)
3.67

Vapour pressure
1.00

10. STABILITY AND REACTIVITY

Stability

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


Revision date

2011-12-29