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1) IDENTIFICATION OF THE SUBSTANCE AND COMPANY

PRODUCT NAME : Sodium Chloride

USE OF THE SUBSTANCE: Food Industry

Chemical Industry

Textile Industry

Purification Process

2) COMPOSITION

CAS-No : 7647-14-5

Chemical Formula : NaCl (%99)

M:58.44 g/mol

About %40 Sodium %60 Chloride

3)HAZARDS IDENTIFICATION

No hazardous product as specified in directive 67/548/EEC.

4)FIRST AID MEASURES

After inhalation :fresh air.

After skin contact :wash off with plenty of water.Remove contaminated clothing

After eye contact :rinse out with plenty of with eyelid held wide open.

After swallowing :make victim drink plenty of water.Consult doctor if feeling unwell.

5)FIRE – FIGHTING MEASURES

Suitable extinguishing media:

In adaption to materials stored in the immediate neighbourhood.

Special risks:

Non-combustible

Other information:

Prevent fire-fighting water from entering surface water or groundwater.

6)ACCIDENTAL RELEASE MEASURES

Person-Related precautionary measures:
Avoid generation of dusts;do not inhale dusts.

Environmental – protection measures:
Do not allow to enter sewerage system.

Procedures for cleaning / absorption:
Take up dry.Forward for disposal. Clean up affected area.

7) HANDLING AND STORAGE

Handling:

No further requirement

Storage:

Tightly closed.Dry.Storage temperature: no restrictions.

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8) EXPOSURE CONTROLS / PERSONEL PROTECTION

Personel Protective equipment

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled.

Eye protection : required

Hand protection : nitrile rubber

Industrial hygiene :

Change contaminated clothing. Wash hands after working with substances.

9) PHYSICAL AND CHEMICAL PROPERTIES

Form : Solid

Colour : Colourless

Odour : Odourless

pH value (%20 lik çözelti) : 7,5-8,0

Boiling Point : 1413 C

Melting Point : 780 C

Flash Point : not applicable

Solubility in water (0 °C) 35,7 gr/100 cm³

(100 °C) 39,1 gr/cm³

10) STABILITY AND REACTIVITY

Conditions to be avoided

No information available

Substances to be avoided

Alkali metals

Hazardous decompositions products

No information available

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11)TOXICOLOGICAL INFORMATION

Acute Toxicity

Specific symptoms in animal studies:

Eye irritation test (rabbit):Slight irritations

Subacute to chronic toxicity

Noncarcinogenic in animal experiments

No mutagenic effect in animal experiments

Further toxicological information

After eye contact :Slight irritations.

After swallowing of large amounts :nausea, vomiting

Further data

No toxic effects are to be expected whwn the product is handled appropriately.

12)ECOLOGICAL INFORMATION

No ecological problems are to be expected when the product is handled and used with due care and attention.

13)DISPOSAL CONSIDERATIONS

Product must be disposed of in compliance with the respective national regulations.

Packing must be disposed of in compliance with the country specific regulations or must be passed to a packaging return system.

14)TRANSPORT INFORMATION

Suitable transport with overland,railroad,seaway or airway.And Suitable according to IATA. No hazardous product .

15)REGULATORY INFORMATION

Chemical Formula :NaCl

16)OTHER INFORMATION

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