

SAFETY DATA SHEET

BPS 7112

Last changed: 02/02/2010

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

TRADE NAME BPS 7112
APPLICATION AREA Cleaning agent

Vendor art. number
7112

NATIONAL MANUFACTURER/IMPORTER

Enterprise Trion Tensid AB
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CONTACT PERSONS

Name	E-mail	Telephone	Country
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Emergency Phone	Type of assistance	Opening Hours
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2. HAZARDS IDENTIFICATION

HEALTH

R36/38 Irritating to eyes and skin.

ENVIRONMENT

Contains component/components that are toxic to aquatic organisms.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient name	Reg.No	EC No.	CAS No.	Conc. (wt%)	Classification
sodium hypochlorite, solution ... % Cl active		231-668-3	7681-52-9	< 5 %	C,N,R31 - R34 - R50
caustic soda, sodium hydroxide		215-185-5	1310-73-2	< 0,5 %	C,R35

Explanation of symbols: T+=highly toxic, T=toxic, C=corrosive, Xn=harmful, Xi=irritant E=Explosive, O=Oxidising, F+=Extremely flammable, F=Highly flammable, N=Dangerous for the environment, Cancer=Carcinogenic, Mut=Mutagenic, Rep=Toxic for reproduction, Conc.=Concentration

4. FIRST AID MEASURES

GENERAL

Consult a physician for specific advice.

SKIN CONTACT

Promptly flush contaminated skin with soap or mild detergent and water. Promptly remove clothing if penetrated and flush the skin with water.

EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Consult an eye specialist if the irritation persists.

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INGESTION

Immediately give a couple of glasses of water or milk, provided the victim is fully conscious. DO NOT induce vomiting. Get medical attention immediately.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguishing agent: carbon dioxide, powder or a wide water jet.

EXTINGUISHING METHODS

No information available

FIRE AND EXPLOSION HAZARDS

Not ignitable.

PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS

Avoid breathing fire vapours. Firemen must wear closed-circuit breathing equipment and full protective suits.

OTHER INFORMATION

Containers close to fire should be removed or cooled with water.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear necessary protective equipment.

SAFETY ACTIONS TO PROTECT EXTERNAL ENVIRONMENT

Prevent discharge of larger quantity to drain. Collect in a suitable container approved for the purpose. Bank in and collect.

METHODS FOR CLEANING UP

Small quantities may be flushed to drains with plenty of water.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS

May react with acids and oxidising substances.

HANDLING ADVICE

Avoid contact with the skin and eyes, and also contact with clothes. Store in original container to avoid contamination.

STORAGE

Keep container tightly closed in a cool place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE CONTROL

Use suitable protective gloves and protective clothes if there is risk of direct contact or splashing.

RESPIRATORY PROTECTION

If necessary, respirator with B (grey) filter.

EYE PROTECTION

Use approved safety goggles or face shield.

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HAND PROTECTION

Protective gloves (butyl rubber, natural rubber, nitrile rubber). Nitrile rubber, polyethylene, PVC or 4H.

PROTECTIVE CLOTHING

Use suitable protective clothing, as necessary.

OTHER INFORMATION

Isolate contaminated clothing and wash before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid.
COLOUR	Greenish.
ODOUR	Chlorine odour.
SOLUBILITY	Water soluble.
WATER SOLUBILITY	100%
FAT SOLUBILITY	Not applicable.

Physical and chemical parameters

Parameter	Value/unit	Method/reference	Observation
pH concentrate	~ 12.50		
pH in solution	~ 11.50		
Density	1070.00 kg/m ³		

10. STABILITY AND REACTIVITY

STABILITY

Stable.

CONDITIONS TO AVOID

May react with acids and oxidising substances.

MATERIALS TO AVOID

Reacts with strong acids. Chlorine gas is formed on contact with acid.

HAZARDOUS DECOMPOSITION PRODUCTS

No hazardous decomposition products.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXIC TEST RESULTS

sodium hypochlorite, solution ... % Cl active				
Route of exposure	Exposure time	Value/unit	Species	Source
LD50(Dermal)		2000.00 mg/kg	rat	
LD50(Dermal)		> 10000.00 mg/kg	rabbit	
LD50(Oral)		8200.00 mg/kg	rat	

GENERAL

Used product must be handled with care, and skin contact avoided as far as possible.

INHALATION

Inhalation of aerosol may cause irritation in the upper respiratory tract.

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SKIN CONTACT

May cause irritation/smarming.

EYE CONTACT

Severe eye irritation.

INGESTION

Consumption of larger quantities can result in nausea, vomiting and stomach pains.

12. ECOLOGICAL INFORMATION

AQUATIC ECOTOXICITY

sodium hypochlorite, solution ... % Cl active

Test	Exposure time	Value/unit	Species	Source
EC50(Acute Daphnia)	48h	0.07 mg/l		
IC50(Acute algae)	72h	0.02 mg/l		
LC50(Acute fish)	96h	0.02 mg/l		

ECOTOXICITY

Toxic to aquatic organisms.

DEGRADABILITY

Readily biodegradable.

ACCUMULATION

Bioaccumulation improbable.

CONCLUSION

The product is expected to be harmful to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

GENERAL REGULATIONS

Do not try to refill or clean the packaging. Emptied and cleaned packaging can be recycled or burnt. Unemptied packaging is classed as product.

CATEGORY OF WASTE

Suitable classification of waste is the responsibility of the user. Empty packages must be handled in an environmentally-correct manner as per the applicable laws and regulations.

14. TRANSPORT INFORMATION

Classified as Dangerous Goods: No

15. REGULATORY INFORMATION



Irritating

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EC-Label: No

COMPOSITION

sodium hypochlorite, solution ... % Cl active (< 5 %), caustic soda, sodium hydroxide (< 0,5 %)

R-PHRASES

R36/38 Irritating to eyes and skin.

S-PHRASES

S2 Keep out of the reach of children.

S24/25 Avoid contact with skin and eyes.

S37/39 Wear suitable gloves and eye/face protection.

16. OTHER INFORMATION

VENDOR NOTES

Assessed on the basis of available data.

LIST OF RELEVANT R-PHRASES

R31 Contact with acids liberates toxic gas.

R34 Causes burns.

R35 Causes severe burns.

R50 Very toxic to aquatic organisms.

REVISION HISTORY

Version	Rev. date	Responsible	Changes
1.0.1	02/02/2010	WS	New database