

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 07/29/2013 Version: 1.0

	Duto					
SECTI	ON 1: Identification of the s	ubstanc	e/mixture and o	of the company/u	Indertaking	
1.1.	Product identifier					
Product f	form	: Mix	ture			
Product r	name	: Soc	dium Chloride, 25% v	N/V		
Product of	code	: LC2	23520			
1.2.	Relevant identified uses of the s	ubstance o	or mixture and uses	advised against		
Use of th	e substance/mixture	: For	laboratory and man	ufacturing use only.		
1.3.	Details of the supplier of the safe		-			
Zelienop T 412-82				urt		
1.4.	Emergency telephone number					
Emergen	ncy number	: CH	EMTREC: 1-800-424	1-9300 or 011-703-527	7-3887	
SECTI	ON 2: Hazards identification	า				
2.1.	Classification of the substance of	or mixture				
GHS-US Not class	classification sified					
2.2.	Label elements					
GHS-US	labelling					
2.3.	other hazards					
classifica		: Nor	ne.			
2.4.	Unknown acute toxicity (GHS-US	5)				
No data a	available					
SECTI	ON 3: Composition/informa	tion on i	ingredients			
3.1.	Substance					
Not appli	icable of H-phrases: see section 16					
	•					
	Mixture					
Name			Product identifi		%	GHS-US classification
Water	Chlorido		(CAS No) 7732-18-5 (CAS No) 7647-14-5		79.21 20.79	Not classified
Soulurh	Chloride		(CAS NO) / 047-14-	, 	20.19	Not classified
SECTI	ON 4: First aid measures					
4.1.	Description of first aid measures					
First-aid	measures general	: Nev	ver give anything by ow the label where p		ous person. If y	vou feel unwell, seek medical advio
First-aid	measures after inhalation		•	ng. Allow the victim to	rest.	
First-aid	measures after skin contact	: Rer		-		ith mild soap and water, followed b
First-aid	measures after eye contact		se immediately with sist.	plenty of water. Obtain	n medical atten	tion if pain, blinking or redness
First-aid	measures after ingestion	: Rin	se mouth. Do NOT i	nduce vomiting. Obtain	n emergency m	nedical attention.
4.2.	Most important symptoms and e	ffects, bot	h acute and delaye	d		
Sympton	ns/injuries	: Not	expected to present	t a significant hazard ι	inder anticipate	ed conditions of normal use.
03/21/201	4	EN	(English)			Page 1

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None. SECTION 5: Firefighting measures Stable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand. Disultable extinguishing media : D on to use a heavy water stream. S2. Specific heards arising from the substance or mixture No additional information available Satistic extinguishing media S3. Advice for firefighters Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water form entering environment. Protection during firefighting : D on ot enter fire area without proper protective equipment, including respiratory protection. SECTION 6: Accidential release measures Sately glasses. Emergency procedures : Evacuate unnecessary personnel. Protective equipment : Sately glasses. Emergency procedures : Ventilate area. S3. Methods and material for containment and cleaning up Methods and material for containment and cleaning up Protective equipment : Equip cleanup crew with proper protection. Emergency procedures : Ventilate area. S3. Methods and material for containment and cleaning up Rotardang & Exposure co		derai Register 7 vol. 77, No. 567 Monday, N		
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8.1. Control parameters	No additiona	al information available		
8.1. Control parameters	SECTION 8: Exposure controls/personal protection			
No additional information available	8.1. Control parameters			
	No additiona	al information available		

8.2. Exposure controls	
Personal protective equipment	: Avoid all unnecessary exposure.
Hand protection	: Wear protective gloves.
Eye protection	: Chemical goggles or safety glasses.
Respiratory protection	: Wear appropriate mask.
Other information	: Do not eat, drink or smoke during use.

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SECTION 9: Physical and chemical	properties
9.1. Information on basic physical and	
Physical state	: Liquid
Molecular mass	: 58.44 g/mol
Colour	: Colourless.
Odour	: Odourless.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Self ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1.15 g/ml
Solubility	: Miscible with water.
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Not applicable. : None.
Oxidising properties Explosive limits	: No data available
9.2. Other information No additional information available	
SECTION 10: Stability and reactivity	ý .
10.1. Reactivity	
No additional information available	
10.2. Chemical stability	
Stable under normal conditions.	
10.3. Possibility of hazardous reactions	
None.	
10.4. Conditions to avoid	
Direct sunlight. Extremely high or low temperate	ures.
10.5. Incompatible materials	
Strong acids. Strong oxidizers. metals. silver nit	trate.
10.6. Hazardous decomposition product	IS
Hydrogen chloride.	
SECTION 11: Toxicological informa	tion

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Acute toxicity	: Not classified
Sodium Chloride (7647-14-5)	
LD50 oral rat	3000 mg/kg

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Sodium Chloride (7647-14-5)	
LD50 dermal rat	10000 mg/kg
Water (7732-18-5)	
LD50 oral rat	≥ 90000 mg/kg
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

Sodium Chloride (7647-14-5)		
LC50 fishes 1	7650 mg/l	
EC50 Daphnia 1	1000 mg/l	
2.2. Persistence and degradability		
Sodium Chloride, 25% w/v		
Persistence and degradability	Not established.	
Sodium Chloride (7647-14-5)		
Persistence and degradability	Not established.	
Water (7732-18-5)		
Persistence and degradability	Not established.	
2.3. Bioaccumulative potential		
Sodium Chloride, 25% w/v		
Bioaccumulative potential	Not established.	
Sodium Chloride (7647-14-5)		
Bioaccumulative potential	Not established.	
Water (7732-18-5)		
Bioaccumulative potential	Not established.	
2.4. Mobility in soil		
lo additional information available		
2.5. Other adverse effects		
Other information	: Avoid release to the environment.	
SECTION 13: Disposal considerations		
3.1. Waste treatment methods		
	: Dispose in a safe manner in accordance with local/national regulations.	

SECTION 14: Transport information
In accordance with DOT
No dangerous good in sense of transport regulations

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:

Additional information

Other information

: No supplementary information available.

ADR

Transport document description

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

Sodium Chloride (7647-14-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory
Water (7732-18-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

Sodium Chloride, 25% w/v		
WHMIS Classification Uncontrolled product according to WHMIS classification criteria		
Sodium Chloride (7647-14-5)		
Listed on the Canadian DSL (Domestic Sustances List) inventory.		
WHMIS Classification Uncontrolled product according to WHMIS classification criteria		
Water (7732-18-5)		
Listed on the Canadian DSL (Domestic Sustances List) inventory.		
WHMIS Classification Uncontrolled product according to WHMIS classification criteria		

EU-Regulations

No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC or 1999/45/EC Not classified

15.2.2. National regulations

Sodium Chloride (7647-14-5)

Not listed on the Canadian Ingredient Disclosure List	
	Water (7732-18-5)
	Not listed on the Canadian Ingredient Disclosure List

15.3. US State regulations

No additional information available

SECTION 16: Other information		
Other information	: None.	

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NFPA health hazard	: 0 - Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.
NFPA fire hazard	: 0 - Materials that will not burn.
NFPA reactivity	: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.
HMIS III Rating	

Health	
Flammability	
Physical	
Personal Protection	

: 0 Minimal Hazard - No significant risk to health

- : 0 Minimal Hazard
- : 0 Minimal Hazard : A

SDS US (GHS HazCom 2012)

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