Denka Chloroprene Latex : LM,LV Series

Version	Revision Date	S	DS Number	Date of Last Issue; 09/03/2020
6.5	09/17/2020		130687-00014	Date of first issue; 05/26/2015
SECTIO	N 1 IDENTIFICATION			
Pro	duct name	:	Denka Chloroprer	ne Latex : LM,LV Series
Pro	duct code	:	LM Series: ALX-6 LV Series: LV-60A	600 (Solid: 60 wt.%), FB-80(Solid:55 wt%) A(Solid: 60 wt%), LV-60N (Solid: 60 wt%)
Mar Cor	nufacturer or supplier's om mpany name of supplier	detai :	ls Denka Corporation	1
Ado	lress	:	Louisiana Office 560 Highway 44 LaPlace, LA USA	NY 70068
Tel	ephone	:	+1-985-536-7400	
Em	ergency telephone	:	+1-985-536-7400	(Central time zone, UTC-5)
E-n	nail address	:	sales@denka.us.c	om
Ree	commended use of the c	hem	ical and restriction	ns on use
Ree	commended use	:	Raw material Industrial use	

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

	Not classified as a hazardous substance or mixture
GHS label elements	Not classified as a hazardous substance or mixture
Other hazards	None Known

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
Resin acids and Rosin acids, sodium salts	61790-51-0	< 3
Resin acids and Rosin acids, potas- sium salts	61790-50-9	< 3
Potassium hydroxide	1310-58-3	< 1
Sodium hydroxide	1310-73-2	< 1

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SECTION 4. FIRST AID MEASURES	5	
General advice	:	In the case of accident or if you feel unwell, seek medical ad- vice immediately. When symptoms persist or in all cases of doubt seek medical advice.
If inhaled	:	If inhaled, remove to fresh air. Get medical attention if symptoms occur.
In case of skin contact	:	In case of contact, immediately flush skin with soap and plenty of water. Get medical attention if symptoms occur.
In case of eye contact	:	Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.
If swallowed	:	If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.
Most important symptoms and effects, both acute and delayed	:	May cause damage to organs through prolonged or repeated exposure.
Protection of first-aiders	:	First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists (see section 8).
Notes to physician	:	Treat symptomatically and supportively.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	Water spray Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media	:	None known.
Specific hazards during fire fighting	:	Exposure to combustion products may be a hazard to health.
Hazardous combustion prod- ucts	:	Carbon oxides Chlorine compounds Metal oxides Nitrogen oxides (NOx)

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	Specific extinguishing meth- ods		: Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.
	Special protective equipment : for fire-fighters		In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES Personal precautions, protec- : Use personal protective equipment.

tive equipment and emer- gency procedures	•	Follow safe handling advice (see section 7) and personal pro- tective equipment recommendations (see section 8).
Environmental precautions	:	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g., by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.
Methods and materials for containment and cleaning up	:	Soak up with inert absorbent material. For large spills, provide diking or other appropriate contain- ment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absor- bent. Local or national regulations may apply to releases and dispo- sal of this material, as well as those materials and items em- ployed in the cleanup of releases. You will need to determine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

SECTION 7. HANDLING AND STORAGE

Technical measures	:	See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
Local/Total ventilation	:	Use only with adequate ventilation.
Advice on safe handling	:	Do not breathe mist or vapors. Do not swallow. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure as- sessment Take care to prevent spills, waste and minimize release to the environment.

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	Conditions for safe storage :	Keep in properly labeled containers. Store in accordance with the particular national regulations.
	Materials to avoid :	Do not store with the following product types: Strong oxidizing agents
	Recommended storage tem- : perature	41 - 77 °F / 5 - 25 °C

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ingredients with workplace cor	itrol parameters	5				
Components	CAS-No.	Value type	Control parame-	Basis		
		(Form of	ters / Permissible			
		exposure)	concentration			
Potassium hydroxide	1310-58-3	С	2 mg/m ³	ACGIH		
		C	2 mg/m^3	NIOSH REL		
Sodium hydroxide	1310-73-2	С	2 mg/m^3	ACGIH		
		С	2 mg/m^3	NIOSH REL		
		TWA	2 mg/m^3	OSHA Z-1		
Engineering measures :	Ensure adequa Minimize work Dust formatior duct. In addition ons of concen have to be convert vant limits inc Regulated of fraction; and A soluble) Not C particles, 10 m	Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations. Dust formation may be relevant in the processing of this pro- duct. In addition to substance-specific OELs, general limitati- ons of concentrations of particulates in the air at workplaces have to be considered in workplace risk assessment. Rele- vant limits include: OSHA PEL for Particulates Not Otherwise Regulated of 15 mg/m3 - total dust, 5 mg/m3 - respirable fraction; and ACGIH TWA for Particles (insoluble or poorly soluble) Not Otherwise Specified of 3 mg/m3 - respirable particles, 10 mg/m3 - inhalable particles.				
Personal protective equipment						
Respiratory protection :	General and la maintain vapor concentrations unknown, app Follow OSHA use NIOSH/M by air purifying dous chemica respirator if th exposure level where air puri protection.	ocal exhaust vent exposures belo s are above reco propriate respirator respirator regula SHA approved re g respirators aga l is limited. Use a ere is any potent els are unknown, fying respirators	ilation is recommended ow recommended limits or arrow protection should be tions (29 CFR 1910.12 espirators. Protection p tinst exposure to any positive pressure air ial for uncontrolled rel- or any other circumst may not provide adeq	ed to ts. Where e be worn. 34) and provided hazar- supplied lease, ance uate		
Hand protection						
Material :	Chemical-resis	stant gloves				

Ingredients with workplace control parameters

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I	Remarks	:	Choose gloves to protect hands on the concentration specific to time is not determined for the pr For special applications, we reco sistance to chemicals of the aff ves with the glove manufacture and at the end of workday.	s against chemicals depending place of work. Breakthrough oduct. Change gloves often! ommend clarifying the re- orementioned protective glo- r. Wash hands before breaks
Eye	protection	:	Wear the following personal pro Safety glasses	otective equipment:
Skin	n and body protection	:	Skin should be washed after co	ontact.
Hyg	jene measures	:	If exposure to chemical is like eye flushing systems and safe king place. When using do not eat, drink o Wash contaminated clothing be	ly during typical use, provide ty showers close to the wor- r smoke. fore re-use.
SECTION	N 9. PHYSICAL AND CH	HEMIC	AL PROPERTIES	
App	earance	:	suspension	
Colo	or	:	milky, white	
Odor	r	:	slight	
Odo	r Threshold	:	No data available	
pН		:	11 - 13	

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:	ca. 23 - 32 °F / -5 - 0 ca. 212 °F / 100 °C
:	No data available
:	No data available
:	Not applicable
:	No data available No data available
	::

Lower explosion limit / Lower : No data available flammability limit

: ca. 23 - 32 °F / -5 - 0 °C

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Ţ	Vapor pressure	:	No data available	
I	Relative vapor density	:	No data available	
I	Relative density	:	1.08 - 1.16 (68 °F / 20 °C)	
5	Solubility(ies) Water solubility	:	dispersible	
	Solubility in other solvents	:	soluble Solvent: toluene	
l	Partition coefficient: n- octanol/water	:	soluble Solvent: organic solvents Not applicable	
I	Autoignition temperature	:	No data available	
Ι	Decomposition temperature	:	No data available	
V	Viscosity Viscosity, kinematic	:	No data available	
I	Explosive properties	:	Not explosive	
(Oxidizing properties	:	The substance or mixture is no	ot classified as oxidizing.
I	Particle size	:	Not applicable	
SECT	TION 10. STABILITY AND REA	CT	IVITY	
I	Reactivity	:	Not classified as a reactivity ha	azard.
(Chemical stability	:	Stable under normal conditions	З.
l t	Possibility of hazardous reac- ions	:	Can react with strong oxidizing	g agents.
(Conditions to avoid	:	None known.	
Ι	ncompatible materials	:	Oxidizing agents	
l F	Hazardous decomposition products	:	Acids No hazardous decomposition	products are known.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure Inhalation Skin contact Ingestion Eye contact

Acute toxicity

sion 5	Revision Date: 09/17/20 09/17/2020	020	SDS Number: 130687-00014	Date of last issue: 09/03/2020 Date Date of first issue: 05/26/2015
Not	classified based on availab	le i	nformation.	
Pro	duct:			
Acu	te oral toxicity	:	Acute toxicity estimate: > 5,000 Method: Calculation method	mg/kg
Con	nponents:			
Res	in acids and Rosin acids,	so	dium salts:	
Acu	te oral toxicity	:	LD50 (Rat): > 2,000 mg/kg	
			Method: OECD Test Guideline 4 Assessment: The substance or icity Remarks: Based on data from	423 mixture has no acute oral tox- similar materials
Acu	te dermal toxicity	:	LD50 (Rat): > 2,000 mg/kg Method: OECD Test Guideline 4 Assessment: The substance or toxicity Remarks: Based on data from	402 mixture has no acute dermal similar materials
Res	in acids and Rosin acids,	po	tassium salts:	
Acu	te oral toxicity	:	LD50 (Rat): >2,000 mg/kg Remarks: Based on data from	similar materials
Acu	te dermal toxicity	:	LD50 (Rat): > 2,000 mg/kg Method: OECD Test Guideline	402
			Remarks: Based on data from	similar materials
Pota	assium hydroxide:			
Acu	te oral toxicity	:	LD50 (Rat): 333 mg/kg	
Acu	te inhalation toxicity	:	Assessment: Corrosive to the r	espiratory tract.
Sod	ium hydroxide:			
Acu	te inhalation toxicity	:	Assessment: Corrosive to the r	espiratory tract.
Skin	corrosion/irritation			
Not	classified based on availab	le i	nformation.	
Pro	duct:			
Spe	cies	:	Rabbit Regulation (EC) No. 440/2000	Amor D 4
Res	ult	:	No skin irritation (EC) No. 440/2008,	Annex, B.4
Con	nponents:			
Res	in acids and Rosin acids,	so	dium salts:	
Spe	cies	:	Rabbit	
Res	ult	:	No skin irritation	
Ren	narks	:	Based on data from similar mat	tenals

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ion 5	Revision Date: 09/17/2 09/17/2020	2020 SDS Number: 130687-00014 Date of last issue: 09/03/2020 Date Date of first issue: 05/26/2015
Resi	n acids and Rosin acids	s, potassium salts:
Spec	cies	: Rabbit
Meth	lod	: OECD Test Guideline 404
Resi	ılt	: No skin irritation
Rem	arks	: Based on data from similar materials
Pota	ssium hydroxide:	
Spec	cies	: Rabbit
Resi	alt	: Corrosive after 3 minutes or less of exposure
Sodi	um hydroxide:	
Resi	ılt	: Corrosive after 3 minutes or less of exposure
Serie	ous eye damage/eye irr	itation
Not	classified based on availa	ble information.
Prod	luct:	
Spec	cies	: Rabbit
Resi	alt	: No eye irritation
Meth	lod	: Regulation (EC) No. 440/2008, Annex, B.5
Com	ponents:	
Resi	n acids and Rosin acids	s, sodium salts:
Spec	cies	: Rabbit
Resi	ılt	: Irritation to eves, reversing within 7 days
Meth	od	: OECD Test Guideline 405
Rem	arks	: Based on data from similar materials
Resi	n acids and Rosin acids	s. potassium salts:
Spec		· Pabbit
- Spec	alt	. Instation to ever reversing within 7 days
Meth	und	· OFCD Test Guideline 405
Rem	arks	: Based on data from similar materials
Pote	ssium hydrovide.	
Smar	biog	· Dahhit
Resi	ılt	: Irreversible effects on the eye
Sodi	um hydroxide:	
Resi	ilt	: Irreversible effects on the eye
Rem	arks	: Based on skin corrosivity.
Resp	piratory or skin sensitiza	ation
Skin	sensitization	
Not o	classified based on availa	ble information.
Resp	piratory sensitization	
Not o	classified based on availa	ble information.

Components:

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Re	esin acids and Rosin acids	 5, sc	odium salts:	
Te Ro Sp Re	est Type outes of exposure becies esult	::	Buehler Test Skin contact Guinea pig negative	
Re	emarks	:	Based on data from similar mat	terials
Re	esin acids and Rosin acids	s, pc	otassium salts:	
Te Ro Sp Me Re	est Type putes of exposure pecies ethod esult	::	Local lymph node assay (LLNA Skin contact Mouse OECD Test Guideline 429 negative	A)
Pc	otassium hydroxide:			
Te Ro Sp Re	est Type outes of exposure becies esult	::	Intracutaneous test Skin contact Guinea pig negative	
So	odium hydroxide:			
Te Ro Re	est Type outes of exposure esult	: : :	Human repeat insult patch test Skin contact negative	(HRIPT)
Ge No Co	erm cell mutagenicity ot classified based on availa omponents:	ble	information.	
D	sin acids and Posin acids		dium colta	
Ge	enotoxicity in vitro	s, sc :	Test Type: Bacterial reverse mu Method: OECD Test Guideline	utation assay (AMES) 471
			Result: negative Remarks: Based on data from	similar materials
D c	sin acide and Rosin acide		stassium salts	
Ge	enotoxicity in vitro	; pt	Test Type: Bacterial reverse mu Method: OECD Test Guideline Result: negative Remarks: Based on data from	itation assay (AMES) 471 similar materials
Ge	enotoxicity in vivo	:	Test Type: Mammalian erythroc cytogenetic assay) Species: Mouse Application Route: Skin contact Result: negative	yte micronucleus test (in vivo
Po	otassium hydroxide:			
Ge	enotoxicity in vitro	:	Test Type: Bacterial reverse m Result: negative	nutation assay (AMES)

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	Carcinogenicity						
	Not classified based on available information.						
	Components: Reproductive toxicity						
	Not classified based on available information.						
	Components:						
	Resin acids and Rosin acids, sodium salts:						
	Effects on fertility :	Test Type: Reproduction/Developmental toxicity screening test Species: Rat Application Route: Ingestion Method: OECD Test Guideline 421 Result: negative					
		Remarks: Based on data from similar materials					
	Effects on fetal development :	Test Type: Reproduction/Developmental toxicity screening test Species: Rat Application Route: Ingestion Method: OECD Test Guideline 421 Result: negative Remarks: Based on data from similar materials					
	STOT-single exposure Not classified based on available information.						
	STOT-repeated exposure						
	May cause damage to organs (Kidney, Blood, Liver) through prolonged or repeated exposure.						
SEC	Aspiration toxicity Not classified based on available information.						
SEC							
	Information on likely routes of e Inhalation Skin contact Ingestion Eye contact	exposure					
	Acute toxicity						
	Not classified based on available	information.					
	Product:						
	Acute oral toxicity :	Acute toxicity estimate: > 5,000 mg/kg Method: Calculation method					

Components:

Resin acids and Rosin acids, sodium salts:

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Acu	te oral toxicity	:	LD50 (Rat): > 2,000 mg/kg	
			Method: OECD Test Guideline	423
			Assessment: The substance or	mixture has no acute oral tox-
			icity Remarks: Based on data from	similar materials
			/- / / / / / / / / / / / / / / / /	
Acu	te dermal toxicity	:	LD50 (Rat): > 2,000 mg/kg	100
			Method: OECD Test Guideline	402
			Assessment. The substance of toxicity	mixture has no acute definal
			Remarks: Based on data from	similar materials
Dag	in saids and Desin saids		to active coltar	
Res	in acids and Rosin acids,	po	tassium saits:	
Acu	te oral toxicity	:	LD50 (Rat): > 2,000 mg/kg Remarks: Based on data from	similar materials
Acu	te dermal toxicity	:	LD50 (Rat): > 2,000 mg/kg	402
			Remarks: Based on data fr	402 com
			similar materials	
Sod	lium hydroxide:			
Res	ault		Corrosive after 3 minutes or les	ss of exposure
Spe Res	ecies pult	:	Rabbit No eye irritation Begylation (EC) No. 440/2008	Anney D.5
Iviet	liod	•	Regulation (EC) No. 440/2008,	Annex, B.5
Cor	nponents:			
Res	in acids and Rosin acids,	so	dium salts:	
Spe	cies	:	Rabbit	
Res	sult	:	Irritation to eyes, reversing with	nin / days
Ren	nou narks	•	Based on data from similar mat	terials
Ren	narks	·	Dased on data nom sinna ma	
Res	in acids and Rosin acids,	ро	tassium salts:	
Spe	cies	:	Rabbit	
Res	sult	:	Irritation to eyes, reversing with	nin 7 days
Met	hod	:	OECD Test Guideline 405	
Ren	narks	:	Based on data from similar mat	terials
Pot	assium hydroxide:			
Sne	cies	•	Rabbit	
Res	sult	:	Irreversible effects on the eye	
S ~ -1	ium hydrovido.			
Daa	muni nyuroxide.		Irroversible effects on the sur	
ĸes	uit	:	ineversible enects on the eye	
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Rem	arks	:	Based on skin corrosivity.	
Resp	piratory or skin sens	itization		
Skin	sensitization			
Not	classified based on av	vailable i	nformation.	
Rest	piratory sensitization	1		
Not	classified based on av	ailable i	nformation.	
Com	ponents:			
Resi	in acids and Rosin a	cide eo	dium calte:	
Test	Type		Buebler Test	
Rou	tes of exposure	•	Skin contact	
Spec	cies		Guinea pig	
Resi	ult	:	negative	
Rem	arks	:	Based on data from similar mat	terials
Resi	in acids and Rosin a	cids, po	tassium salts:	
Test	Type	:	Local lymph node assay (LLNA	A)
Rou	tes of exposure	:	Skin contact	·
Spec	cies	:	Mouse	
Meth	nod	:	OECD Test Guideline 429	
Resi	ult	:	negative	
Pota	assium hydroxide:			
Test	Type	:	Intracutaneous test	
Rou	tes of exposure	:	Skin contact	
Spec	cies	:	Guinea pig	
Resi	ult	:	negative	
Sodi	ium hydroxide:			
Test	Tvne	:	Human repeat insult patch test	(HRIPT)
Rou	tes of exposure	:	Skin contact	(
Resi	ult	:	negative	
Gerr	n cell mutagenicity			
Not	classified based on av	vailable i	nformation.	
Com	ponents:			
Resi	in acids and Rosin a	cids, so	dium salts:	
Gen	otoxicity in vitro	:	Test Type: Bacterial reverse mu	utation assay (AMES)
	-		Method: OECD Test Guideline	471
			Result: negative	
			Remarks: Based on data from	similar materials
Resi	in acids and Rosin a	cids, po	tassium salts:	
Gen	otoxicity in vitro	:	Test Type: Bacterial reverse mu	utation assay (AMES)
	,		Method: OECD Test Guideline	471
			Result: negative	
			Remarks: Based on data from	similar materials

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Pota	ussium hydroxide:	
Gen	otoxicity in vitro :	Test Type: Bacterial reverse mutation assay (AMES) Result: negative
Care	cinogenicity	
Not	classified based on available	information.
IAR	Group 2B: Possi	ibly carcinogenic to humans
OSH	A No component o on OSHA's list o	f this product present at levels greater than or equal to 0.1% is f regulated carcinogens.
NTP	No ingredient of identified as a kr	this product present at levels greater than or equal to 0.1% is nown or anticipated carcinogen by NTP.
Rep Not	roductive toxicity classified based on available	information.
Con	ponents:	
Res: Effe	ts on fertility :	Test Type: Reproduction/Developmental toxicity screening test Species: Rat Application Route: Ingestion Method: OECD Test Guideline 421 Result: negative
		Remarks: Based on data from similar materials
Effe	ets on fetal development :	Test Type: Reproduction/Developmental toxicity screening test Species: Rat Application Route: Ingestion Method: OECD Test Guideline 421 Result: negative Remarks: Based on data from similar materials
Effe	cts on fetal development :	Test Type: Embryo-fetal development Species: Rat Application Route: Inhalation Method: OECD Test Guideline 414 Result: negative
STO Not	T-single exposure classified based on available	information.
STC	T-repeated exposure	
May	cause damage to organs (Ki	dney, Blood, Liver) through prolonged or repeated exposure.

Aspiration toxicity

Not classified based on available information.



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SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

Resin acids and Rosin acids, sodium salts:

Toxicity to fish	:	LL50 (Leuciscus idus (Golden orfe)): > 1,000 mg/l Exposure time: 96 h Test substance: Water Accommodated Fraction Remarks: Based on data from similar materials
Toxicity to daphnia and other aquatic invertebrates	:	EL50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h
		Method: OECD Test Guideline 202 Remarks: Based on data from similar materials
Toxicity to algae/aquatic plants	:	NOELR (Desmodesmus subspicatus (green algae)): 100 mg/l Exposure time: 72 h Test substance: Water Accommodated Fraction Method: OECD Test Guideline 201
		Remarks: Based on data from similar materials
		EL50 (Desmodesmus subspicatus (green algae)): > 100 mg/l Exposure time: 72 h
		Test substance: Water Accommodated Fraction Method: OFCD Test Guideline 201
		Remarks: Based on data from similar materials
Resin acids and Rosin acids	, po	otassium salts:
Toxicity to fish	:	LC50 (Pimephales promelas (fathead minnow)): 1.7 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other	:	EL50 (Daphnia magna (Water flea)): > 100 mg/l
aquatic invertebrates		Exposure time: 48 h Test substance: Water Accommodated Fraction
		Remarks: Based on data from similar materials
Toxicity to algae/aquatic plants	:	NOEC (Pseudokirchneriella subcapitata (green algae)): 6.25 mg/l
		Exposure time: 72 h Method: OECD Test Guideline 201
		Remarks: Based on data from similar materials
		ErC50 (Pseudokirchneriella subcapitata (green algae)): 39.6 mg/l
		Exposure time: 72 h Mathad: OECD Test Guidaling 201
		Remarks: Based on data from similar materials
Toxicity to microorganisms	:	EC50: > 10,000 mg/l
		Exposure time: 3 h Remarks: Record on data from similar materials
		Remarks. Dascu on uata nom similar materials

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Pers	istence and degradability		
Com	ponents:		
Resi	n acids and Rosin acids,	sodium salts:	
Biode	egradability	 Result: Readily biodegradable. Biodegradation: 71 % Exposure time: 28 d Remarks: Based on data from 	similar materials
Resi	n acids and Rosin acids,	potassium salts:	Similar matchais
Biode	egradability	Result: Readily biodegradable.	
		Biodegradation: 80 % Exposure time: 28 d Method: OECD Test Guideline Remarks: Based on data from	301B similar materials
Bioa	ccumulative potential		
Com	ponents:		
Resi	n acids and Rosin acids,	sodium salts:	
Partit octar	tion coefficient: n- nol/water	: log Pow: 3 - 5.8	
Resi	n acids and Rosin acids,	ootassium salts:	
Bioad	ccumulation	Species: Oncorhynchus mykis: Bioconcentration factor (BCF): 2 Remarks: Based on data from s	s (rainbow trout) 23 - 129 similar materials
Partit octar	tion coefficient: n- nol/water	: log Pow: 5.046	
Mobi	lity in soil		
No d	ata available		
Othe No di	r adverse effects ata available		

Disposar methods		
Waste from residues	:	Dispose of in accordance with local regulations.
Contaminated packaging	:	Empty containers should be taken to an approved waste handling site for recycling or disposal. If not otherwise specified: Dispose of as unused product.

SECTION 14. TRANSPORT INFORMATION

International Regulations

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UNRTDG Not regulated as a dangerous good IATA-DGR Not regulated as a dangerous good IMDG-Code Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable for product as supplied.

Domestic regulation

49 CFR Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ	Calculated product RQ	
		(lbs)	(lbs)	
Potassium hydroxide	1310-58-3	1000	100010	
Sodium hydroxide	1310-73-2	1000	100010	
Sodium hydrogensulfite	7631-90-5	5000	*	
*: Calculated RO exceeds reasonable	ly attainable upper	limit.		

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material doe	s not contain any	components with a	section 302	EHS TPQ.
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Shidi Single of tepedica enposa	SARA 311/312 Hazards	:	Specific target	organ	toxicity (sing	le or repeated	exposure)
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SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:

US State Regulations

Pennsylvania Right To Know

1,3-Butadiene, 2,3-dichloro-, polymer with 2-chloro-1,3- butadiene	25067-95-2
1,3-Butadiene, 2-chloro-, homopolymer	9010-98-4
Water	7732-18-5
Potassium hydroxide	1310-58-3
Sodium hydroxide	1310-73-2
Sodium hydrogensulfite	7631-90-5
Disodium hydrogenorthophosphate	7558-79-4

California Prop. 65

WARNING: This product can expose you to chemicals including 2-chloro-1,3-butadiene, which is/are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.



Denka Chloroprene Latex : LM,LV Series

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SECTION 16. OTHER INFORMATION



8-hour time weighted average

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AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC -International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG -United Nations Recommendations on the Transport of Dangerous Goods; vP vB - Very Persistent and Very Bioaccumulative

Sources of key data used to :	Internal technical data, data from raw material SDSs, OECD
compile the Material Safety	eChem Portal search results and European Chemicals Agen-
Data Sheet	cy, http://echa.europa.eu/

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

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