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Trade name:	UNELKO ANTI FOG LIQUID		
Product code:	Date of issue: 03/06/2016. Issue No:	1	

	SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY/UNDERTAKING				
1.1	Identification of the product				
	Trade name:	UNEL	KO ANTI	FOG LIQUID	
	Chemical name:	- Not ap	plicable		
	Catalogue number:	- Not ap	plicable		
1.2	Respective identified p	purpose of	f the substar	nce or mixtures and purposes that are not recommended	
	Use:			Cleans and eliminates interior Fogging & steaming	
	Purposes that are not recommended		ded:	-	
	The reasons for non-us	se		-	
1.3	Information on the sup	plier subi	mitting the S	Safety Data Sheet	
	Name of the company:	:	UNELKO	NV	
	Address		Leenstraat 22, 0750 Zingem, BELGIUM		
	Telephone:		+32 (0) 9 384 68 21		
	Fax:		+32 (0) 9 384 68 33		
	E-mail of the responsible person:		info@une	<u>lko.</u> be	
	Emergency telephone	number:	+32 (0) 70) 245 245 (24h)	
	Telephone number for information:	medical	- Contact	Unelko NV	

SECTI	SECTION 2 HAZARDS IDENTIFICATION			
2.1	Classification of the substance or mixture			
2.1.1	Classification according to Regulation (EC) No 1272/2008 (CLP)			
	Hazard Class and Categor	y Code:	Hazard statement*:	
	Flam. liq. 2		H225 Highly flammable liquid and vapour.	
2.1.2	Additional information			
	The classification corresponds to valid EU regulations. It has been modified by data from professional literature and company data.			
*Full te	xt regarding H and EUH statements	s is listed in Sec	tion 16.	
2.2	Labelling elements according to Regulation (EC) No 1272/2008 (CLP)			
	Identification of the product:	cation of the product: UNELKO ANTI FOG LIQUID		
	Index number:	- Not applicat	ple	
	Authorization number:	- Not applicable		

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	Hazard pictograms:		
	Signal Word:	DANGER	
	Hazard statements:	H225 Highly flammable liquid and vapour.	
	Precautionary statements:	P102 Keep out of reach of children. P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking. P404 Store in a closed container. P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P501 Dispose of contents/container in accordance with national regulation.	
	Additional information regarding hazards:	- None	
2.3	Other hazards		
	Physico-chemical hazards: See chapter 10.		
	Human health dangers: frequent persistent contact with the skin can cause skin irritation. See chapter 11.		
	Environmental hazards: See ch		
	Other hazards: further hazards were not determined with the current level of knowledge.		

SECTION 3 CO	SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS				
CAS/ EC/ Index number	Registration number under REACH	% by weight	Name	Classification according to (EC)1272/2008 (CLP)	
64-17-5/ 200-578-6/ 603-002-00-5	-	> 90%	Ethyl Alcohol	Flam. Liq. 2, H225	
68037-64-9/ -/ -	-	< 5	Poly(dimethylsiloxane) ethoxylate/propoxylate	Not determined	
56090-69-8/ -/ -	-	< 5	Poly(ethylene oxide propylene oxide) monoallylether acetate	Not determined	
39362-51-1/ -/ -	-	< 5	Polyether polyol acetate	Not determined	

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Substances of Very High Concern - SVHC: substances are not contained or are below 0,1%. For the wording of the listed risk phrases refer to section 16.

4.1	Description of the first-aid	measures			
	General indications:	Change soaked clothing.			
	After inhalation:	In case of accident by inhalation, remove victim to fresh air and keep at rest. Get medical attention if symptoms occur.			
	After skin contact:	Skin contact unlikely when product is used as directed. If excessively contacted, remove contaminated clothing and shoes. Wash affected areas with running, lukewarm water for at least 10 min. Get medical attention if symptoms occur.			
	After eye contact:	Avoid contact with eyes. If accidentally contacted, wash your hands, hold the eyelids open with clean fingers and flush the eye with lukewarm water for at least 10 min. If the injured person is wearing contact lenses, remove them, if easy to do during flushing. Seek medical advice.			
	After ingestion:	Product not for ingestion. If accidentally ingested, seek medical help IMMEDIATELY and show the package or label to the physician. Induce vomiting ONLY if directed to do so by medical personnel. Rinse mouth out with water. If the exposed person is conscious, give cold water to drink, in amount 2,5 to 3 dl. Never give anything by mouth to an unconscious person.			
	Personal protection of an individual providing first aid:	- When used as directed by product labels, no personal protection is required.			
4.2	Most important symptoms and effects, both acute and delayed				
	After inhalation:	No known significant effects or critical hazards. When the concentrations are high, and an individual is sensitive, the following may occur: cough, sneezing, a runny nose.			
	After skin contact:	No known significant effects or critical hazards. Frequent persistent contact with the skin can cause skin irritation.			
	After eye contact:	No known significant effects or critical hazards. When the concentrations are high, and an individual is sensitive, may cause redness and tearing.			
	After ingestion:	In case of swallowing may cause nausea, dizziness, headache, vomiting.			
4.3	Urgent medical assistance a	and special treatment			
	Treat symptomatically.				

SECTION 5 FIRE-FIGHTING MEASURES			
5.1	Extinguishing agents		
	Suitable media:	Alcohol-resistant foam, carbon dioxide, dry powder, water spray jet (fog).	
	Unsuitable media:	Do not use full water jet.	
5.2	Special exposure hazards arising from the substance or mixture itself		

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	Hazardous combustion products:	Flammable gases/vapours. Unknown risk of formation of toxic pyrolysis products. Do not inhale vapours and gasses occurring due to products' combustion.	
5.3	Advice to fire-fighters		
	Fire-fighters should always wear fire-proof suit and open-circuit self-contained compressed air breathing apparatus in case of fire in closed area. Cool containers at risk with water spray jet.		
5.4	Additional information		
	Prevent leakage and water used for extinguishing to cause pollution of watercourses by enclosing and covering drains.		

SECT	TON 6 ACCIDENT	AL RELEAS	E MEASURES		
6.1	Personal precautions, protective equipment and procedures in case of hazard				
6.1.1	For individuals that	For individuals that are not part of emergency staff			
	Protective equipmen	nt:	Use the protective equipment in accordance with Section 8 of this document. Avoid skin and eye contact. Do not inhale vapours.		
	Accident prevention	n procedures:	Provide adequate ventilation. Remove all ignition sources, heat or spark. Vapours can form an explosive mixture with air. Take measures to prevent the build up of electrostatic charge.		
	Procedures in case of	of accidents:	Secure the location, wear protective equipment, and prevent from further spreading. Do not inhale vapours/mist.		
6.1.2	For emergency staff	f:			
	Personal protective equipment for fire-fighters in accordance with the provisions of Section 5 of document. Personal protective equipment for other emergency staff in accordance with the staten Section 8 of this document.				
6.2	Environmental precautions:				
		rcourses, draina	he product would enter the environment, but if it does, it is necessary to prevent it recourses, drainage systems and the soil. In case of larger environmental contamination orm local authorities.		
6.3	Methods and materi	ials to stop sprea	nding and for cleaning up		
6.3.1	To contain:		l over a wide area, by inflammable absorbent material (sand, earth, rbent material).		
6.3.2	For cleaning up:	In case of spill or leak, scatter over it some inflammable absorbent material such as sand, earth, universal absorbent material, and pick up mechanically (using nonspark tools) and place in a container. Waste material and removed contaminated surface soil layer must be placed in containers that can be sealed tightly, stored in a well-ventilated area until their disposal. Hand in for disposal to the company authorized to dispose such waste.			
6.3.3	Other information:	Remove all ignition sources, heat or spark. Prevent the discharge of waste water into watercourses.			

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6.4	Reference to other sections	
	See Section 7 for information on safe handling.	
	See Section 8 for information on personal protective equipment.	
	See Section 13 for information on disposal.	

7.1	Precautions for safe handling				
7.1.1	Protective measures				
	Fire prevention measures:	Provide adequate ventilation. Keep away from ignition sources, open flame, heat. Do not smoke. Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting. Take measures to prevent the build up of electrostatic charge. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits.			
	Measures to prevent aerosol and dust generation:	Keep closed in its original package. Use only in well-ventilated areas.			
	Measures to protect the environment:	Prevent the product from reaching watercourses, sewerage and drainage systems. Containers have to be sealed tightly and set upright vertically			
	Other measures:	Use solvent-resistant equipment. Use non-spark tools. Provide solvent-resistant and impermeable floor.			
7.1.2	Advice on general hygiene at the workpla				
	Forbidden to eat, drink or smoke whilst handling. Wash your hands after handling the product and at the end of shift. Wear antistatic clothes. Remove contaminated clothes and protective equipment before entering the eating area.				
7.2	The conditions for safe storage, considering potential incompatibilities				
7.2		Keep in dry, cool, dark and well-ventilated area, protected			
	Technical measures and storage conditions:	from direct sun light exposure. Store and use away from heat sparks, open flame or any other ignition source.			
		from direct sun light exposure. Store and use away from heat			
	conditions:	from direct sun light exposure. Store and use away from heat sparks, open flame or any other ignition source.			
	conditions: Containers' materials: Requirements relating to storage rooms	from direct sun light exposure. Store and use away from heat sparks, open flame or any other ignition source. Original manufacturer's packaging. Ensure proper ventilation. Do not store together with oxidizing agents. Do not store with oxidizing or self-igniting materials. Uncleaned empty vessels may contain product gases which can form explosive mixtures with air.			
	conditions: Containers' materials: Requirements relating to storage rooms and containers:	from direct sun light exposure. Store and use away from heat sparks, open flame or any other ignition source. Original manufacturer's packaging. Ensure proper ventilation. Do not store together with oxidizing agents. Do not store with oxidizing or self-igniting materials. Uncleaned empty vessels may contain product gases which			

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		<u> </u>		i			į		
Recommen	Recommendations:				nd prod	uct labe	els/literature.		
Specific in	dustry sector solutio	ns	-						
SECTION 8 EXP	SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION								
8.1 Control pa	rameters								
			sure limit values						
Substance	CAS number	(ELV/SELV)				Biolo	gical limit values		
		ppm	m	g/m ³					
Ethyl Alcohol									
(EH40/2005 Workplace	64-17-5	1000/-	1920/-	-	-				
exposure limits)									
<u> </u>									
Name of the									
substance:	<u>, </u>								
EC number: Non	e CAS number:	None - mixture -		-					
DNEL									
		Ind	ustrial						
Exposure	Acute	Acute	;	C	hronic		Chronic		
scenario:	local effects	systemic et				S	systemic effects		
Oral	No information	No information		No infor	mation		No information		
Inhalational	No information	No information	on	No information			No information		
Dermal	No information	No information		No information			No information		
Key physical param	eters: solubility, flan	nmability, corro	sion.	-					
		τ	Jser						
Exposure	Acute	Acute			hronic		Chronic		
scenario:	local effects	systemic e		local effects		S	systemic effects		
Oral	No information	No information		No information			No information		
Inhalational	No information		No information		No information		No information		
Dermal	No information	No information	on	No infor	mation		No information		
PNEC		ſ							
Environmental prote	ection goal		PNEC						
Fresh water			No infor						
Freshwater sedimen	ts		No infor						
Seawater			No information						
Seawater sediments			No information						
Food chain	No information								

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Micro-org	ganisms in waste water treatment	No information			
Soil (agric	cultural)	No information			
Air		No information			
8.2	Exposure control				
8.2.1	Appropriate engineering control				
	Measures to prevent exposure during recommended use:	Proper ventilation of areas where stored and handled. It is forbidden to eat, drink and smoke in work area. Do not inhale vapours. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using lavatory and at the end working period.			
	Structural measures to prevent exposure:	In accordance with Section 7.			
	Organisational measures to prevent exposure:	-			
	Engineering measures to prevent exposure:	Ensure proper ventilation.			
8.2.2	Personal protection				
8.2.2.1	Eye and face protection:	Not required if operating in normal and prescribed working conditions. Safety glasses in case of splashing.			
8.2.2.2	Skin protection:				
	Hand protection:	Not required if operating in normal and prescribed working conditions and under normal conditions of use. Recommendation for sensitive individual and for frequent use: Gloves, material: butyl rubber, >120 min (EN 374). Please contact the glove supplier for further information.			
	Body protection:	Not required if operating in normal and prescribed working conditions and under normal conditions of use. Wear antistatic clothes.			
8.2.2.3	Respiratory protection:	Not required if operating in normal and prescribed working conditions and under normal conditions of use. In special cases: Breathing apparatus in the event of high concentrations. Short term: filter apparatus, filter A.			
8.2.2.4	Thermal hazards:	No information			
8.2.3	Environmental exposure control				
	Measures for prevention of substance/mixture exposure:	In accordance with Section 6.			
	Structural measures to prevent exposure:	In accordance with Section 6.			
	Organisational measures to prevent exposure:	In accordance with Section 6.			

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Engineering measures to	_
prevent exposure:	

.1	Information on basic physical and chemical properties				
		Value	Method		
	Appearance:	Liquid	-		
	Colour:	Colourlesss	-		
	Odour (odour threshold):	Alcoholic	-		
	pH:	Not determined	-		
	pH-value [1%]:	Not determined			
	Boiling point:	78 °C	-		
	Melting point/freezing point	Not determined	-		
	Flash point:	18°C	-		
	Evaporation rate:	Not determined	-		
	Flammability (solid, gas):	Not determined	-		
	Upper/lower flammability or explosive limits:	Not determined	-		
	Relative vapour density determined in air:	Not determined	-		
	Vapour Pressure:	No information	-		
	Vapour Density:	No information	-		
	Relative Density:	No information	-		
	Bulk density:	Not applicable	-		
	Density:	ca. 0,80 g/ml (20°C / 68,0°F)	-		
	Solubility in water:	Miscible	-		
	Partition Coefficient: n-octanol/water:	Not determined	-		
	Auto-ignition temperature:	Not applicable	-		
	Decomposition temperature:	Not applicable	-		
	Viscosity:	Not applicable	-		
	Oxidizing properties:	No	-		
	Explosive properties:	No information	-		
2	Other information		· 		

SECTION 10 STABILITY AND REACTIVITY

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	Not reactive under normal conditions of storage and use.				
Evolution of flammable mixtures possible in air when heat flash point and/or during spraying or misting.					

10.1	Reactivity:	Not reactive under normal conditions of storage and use. Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting. Uncleaned empty vessels may contain product gases which can form explosive mixtures with air.
10.2	Chemical stability:	Stable under normal ambient conditions (ambient temperature).
10.3	Possibility of hazardous reactions:	Under normal conditions of storage and use, hazardous reactions will not occur. Reactions with oxidizing agents.
10.4	Conditions to Avoid:	Avoid all possible sources of ignition (spark or flame), warming.
10.5	Incompatible materials:	Oxidizing agents, self-igniting materials.
10.6	Hazardous Decomposition Products:	Flammable gases/vapours. Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 TOXICOLOGICAL INFORMATION								
11.1 Information on toxicological effects								
Acute toxic	Acute toxicity:							
Route of entry	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$							
Ingestion (Ethyl Alcohol):	No information	Rat	$LD_{50} = 6200 \text{ mg/kg}$	No information	No information			
Skin contact:	No information	No information	No information	No information	No information			
Inhalation (Ethyl Alcohol):	No information	Rat	$LC_{50} = 95,6 \text{ mg/l}$	4 hours	No information			

As formulated, recommended and directed for use as a coating for siliceous, inanimate surfaces, this product presents no toxicological concerns to the user. If misused, this SDS provides sufficient information for initial responders and physicians to determine the correct course of treatment.

Target organ toxicity – single exposure (STOT SE): Not determined.				
Specific effects Exposed organ Note				
Ingestion:	No information	No information	No information	
Skin contact:	No information	No information	No information	
Inhalation:	No information	No information	No information	

As formulated, recommended and directed for use as a coating for siliceous, inanimate surfaces, this product presents no toxicological concerns to the user. If misused, this SDS provides sufficient information for initial responders and physicians to determine the correct course of treatment

101 11	for initial responders and physicians to determine the correct course of treatment.				
	Aspiration Hazard:	No information			
	Respiratory irritation:	No information			

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Irritatio	n and corrosion				
i	Exposure duration	Organism	Evaluation	Method	Note
Skin irritation:	No information	No information	No information	No information	Not determined
Eye irritation:	No information	No information	No information	No information	Not determined
product present	nders and physicians t	erns to the user	. If misused, this	s SDS provides	sufficient information
	Not determined.				
Skin contact:	Not determined.				

Specific symptoms				
Ingestion:	No information			
Skin contact:	No information			
Inhalation:	No information			
Eye contact:	No information			

Repeated dose toxici	ty (subacute	 subchronic 	. chronic)

	Dose	Exposure duration	Organism	Method	Evaluation	Note
Subacute oral	No information	No information	No information	No information	No information	No information
Subacute dermal	No information	No information	No information	No information	No information	No information
Subacute respiratory	No information	No information	No information	No information	No information	No information
Subchronic oral	No information	No information	No information	No information	No information	No information
Subchronic dermal	No information	No information	No information	No information	No information	No information
Subchronic respiratory	No information	No information	No information	No information	No information	No information
Chronic oral	No information	No information	No information	No information	No information	No information
Chronic dermal	No information	No information	No information	No information	No information	No information
Chronic respiratory	No information	No information	No information	No information	No information	No information

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As formulated, recommended and directed for use as a coating for siliceous, inanimate surfaces, this product presents no toxicological concerns to the user. If misused, this SDS provides sufficient information for initial responders and physicians to determine the correct course of treatment.

Targ	et organ toxicity – repeated exposure (\$	STOT RE): Not determined.	
	Specific effects	Exposed organ	Note
Subacute oral	No information	No information	No information
Subacute dermal	No information	No information	No information
Subacute respiratory	No information	No information	No information
Subchronic oral	No information	No information	No information
Subchronic dermal	No information	No information	No information
Subchronic respiratory	No information	No information	No information
Chronic oral	No information	No information	No information
Chronic dermal	No information	No information	No information
Chronic respiratory	No information	No information	No information

As formulated, recommended and directed for use as a coating for siliceous, inanimate surfaces, this product presents no toxicological concerns to the user. If misused, this SDS provides sufficient information for initial responders and physicians to determine the correct course of treatment.

Carcinogenicity:	Not determined
Mutagenicity in-vitro:	Ames-test: negative. (CAS 64-17-5)
Genotoxicity	No information
Mutagenicity in-vivo:	Ames-test: negative. (CAS 64-17-5)
Mutagenic effect on reproductive cells	No information
Reproductive organ toxicity	Not determined
Teratogenicity:	No information

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	Total evaluation of CMR properties:	No known significant effects or critical hazards. As formulated, recommended and directed for use as a coating for siliceous, inanimate surfaces, this product presents no toxicological concerns to the user. If misused, this SDS provides sufficient information for initial responders and physicians to determine the correct course of treatment.		
11.2	Practical experience:			
	Observations relevant to classification:	No information		
	Other observations:	No information		
11.3	General indications:			
	this product presents no toxicological co	eted for use as a coating for siliceous, inanimate surfaces, oncerns to the user. If misused, this SDS provides sufficient physicians to determine the correct course of treatment.		

SECTION 12 ECOLOGICAL INFORMATION

12.1 Toxicity						
Acute toxicity	Dose	Exposure time	Organism	Method	Evaluation	Note
Fish	LC ₅₀	48h	Leuciscus idus	No information	8140 mg/l	Ethanol, CAS: 64-17-5
Crustaceans	EC ₅₀	48h	Daphnia magna	No information	9268-14221 mg/l.	Ethanol, CAS: 64-17-5
Algae	No information	No information				
Micro- organisms	No information	No information				
Chronic toxicity	Dose	Exposure time	Organism	Method	Evaluation	Note
Fish	No information	No information				
Crustaceans (Daphnia)	No information	No information	No information	No information	No information	No information
Algae/ aquatic plants	No information	No information	No information	No information	No information	No information
Other organisms	No information	No information	No information	No information	No information	No information

As formulated, recommended and directed for use as a coating for siliceous, inanimate surfaces, this product presents no ecological or environmental concerns greater than those of liquid cleaners, cream cleansers, soaps, detergents, emulsifiers or other cleaner/degreasers.

12.2 Persistence and degradability

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	Abioti	c degrada			:								
				on half-	life		lethod			luation			Note
Seawate	er	No infor	mati	on		No information		No information			No ir	nformation	
Fresh w	ater	No infor	mati	on		No inf	ormatio	on	No infor	mation		No ir	nformation
Air		No infor	mati	on		No inf	ormatio	on	No infor	mation		No ir	nformation
Soil	No information		No inf	ormatio	on	No infor	mation		No ir	nformation			
	Biodeg	gradation											
	of dation			ne (days)	N	1ethod		Eva	luation	n		Note
	rmation	No in	form	ation		No inf	ormati	on	No infor	mation		No ir	nformation
No info	rmation	No in	form	ation		No inf	ormati	on	No infor	mation		No ir	nformation
12.3	Bioacc	cumulativ	e po	tential									
	Partitio	on Coeffi	cien	t octano	l/water (log Pow	v)						
Value	Coı	ncentratio	on	p	Н	°(C	M	ethod	Eva	luation		Note
-0.31	No i	nformatio	on	No inform	ation	No inform	nation	No infor	mation	Low		Et	hanol, CAS: 64-
				miom	ution	mom	idiloli	mior	ination	1 1 1 1 1		_ 1/	3
	Biocor	ncentratio	on fa	ctor - B	CF								
V	alue		О	rganism]	Method	1	E	valuati	on		Note
	rmation			mation		No information		No information				information	
	rmation			mation		No information No information		No inf				information	
No info	rmation	No :	intor	mation		No inf	ormatio	on	No inf	ormatio	on	No 1	information
	Chroni	ic ecotox	icity										
	Value		D	ose	Expos		Organ	nism	Meth	od	Evalua	ation	Note
Chronic fish	toxicity	/ in	LC		No		No		No information		No inform	ation	No information
Chronic	toxicity		EC	EC ₅₀ No informat			No		No information		No inform		No information
		· · · · · · · · · · · · · · · · · · ·							<u> </u>				
12.4	-	ty in soil											
	Recog	nised or a	assui	ned dist	ribution	in the e	nviron	ment:					
	There	is no ava	ilabl	e data.									
	Surfac	e tension	•										
	Val	lue		°C	C	oncentra	ation		Metho	od			Note
				information No information			No	No information					

MATERIAL SAFETY DATA SHEET
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	Product code:		Date of issue: 03/06/2016. Issue No: 1						1
Floduci	t code.		Date of issue. 03/00/2010. Issue No. 1						1
	No inform	nation	No information	No information	No information No information			No int	formation
	Adsorption/desorption								
Transpo	ort		coefficient ry's cons.	log Pow	Volatility		-	Method	Note
Soil-wa	ter 1	No infor	mation	No information	No inf	ormation	No ii	nformation	No information
Water-a	ir l	No infor	mation	No information	No inf	ormation	No ii	nformation	No information
Soil-air	1	No infor	mation	No information	No inf	ormation	No ii	nformation	No information
							1		1
12.5	PBT a	and vPvI	B Assessment re	esults					
	PBT/v	vPvB ass	sessment not av	ailable as chemica	ıl safety	assessment	not re	quired or no	t conducted.
12.6	Other	adverse	effects						
	Ecolo	gical dat	ta are not availa	ıble.					
									rected for use as a
				eaners, cream clea					onmental concerns
		er/degrea	_			oups, actor	501105, 0		2 001101
	Do no	t discha	rge product unr	monitored into the	environ	ment or int	o the d	rainage.	
SECTI	ION 13	3 DISPO	OSAL CONS	IDERATIONS					
13.1	Met	thods for	r handling waste	e					
This SI	DS pro	vides su	ıfficient inforr	nation regarding	the cor	nposition (of the	product for	users to consult
with ap	propri	ate regi	onal or nationa	al authorities for	disposa	al of the pr	oduct.		
13.1.1	Disp	posal of	products/packa	ging					
	Coo	ordinate (the waste dispo	sal with the nation	al autho	orities.			
13.1.2		ste key n	number:						
		duct:	1 1	-4-					
	Dispose of as hazardous waste. Disposal in an incineration plant in accordance with the regulations of the local authorities.								
	Waste no. (recommended) 070704*								
	Contaminated packaging:								
	Uncontaminated packaging may be taken for recycling. Uncontaminated packaging may be reused.								
	Waste no. (recommended) 150110*								
13.1.3	Met	thods of	waste treatmen	t:					
	-								

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13.1.4 Possibility of spilling int	to the sewer:				
Forbidden to empty into the sewers, drainage systems or watercourses.					
1 2	, , ,				
13.1.5 Other disposal recommendations:					
-					
SECTION 14 TRANSPORT IN	NFORMATION				
Transport of goods by road	ds (ADR)				
UN number:	UN 1170				
Proper shipping name UN:	Ethanol solution				
Transport hazard class(ess):	3				
Classification Code:	F1				
Packing group:	II				
Label:	3				
ADR 1.1.3.6 (8.6):	Transport category (tunnel restriction code) 2 (D/E)				
ADR LQ:	1L				
Environmental hazard:	In accordance with UN shipping name				
Specific user precautions:	Relevant information under points 6 to 8				
Transport of goods by rail	(RID)				
UN number:	UN 1170				
Proper shipping name UN:	Ethanol solution				
Transport hazard class(ess):	3				
Classification Code:	F1				
Packing group:	II				
Label:	3				
ADR 1.1.3.6 (8.6):	Transport category (tunnel restriction code) 2 (D/E)				
ADR LQ:	1L				
Environmental hazard:	In accordance with UN shipping name				
Specific user precautions:	Relevant information under points 6 to 8				
Transport of goods by inla	nd waterways (ADN)				
UN number:	No information				
Proper shipping name UN:	No information				
Transport hazard class(ess):	No information				
Packing group:	No information				
Environmental hazard:	No information				
Specific user precautions:	No information				

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Trade name:	UNELKO ANTI FOG LIQUID				
Product code:		Date of issue:	03/06/2016.	Issue No:	1

Transport of goods by sea	(IMDG)		
UN number:	UN 1170		
Proper shipping name UN:	Ethanol solution		
Transport hazard class(ess):	3		
Packing group:	II		
Label:	3		
EMS:	F-E, S-D		
Limited quantities, ADR LQ:	1L		
Environmental hazard:	In accordance with UN shipping name		
Specific user precautions:	Relevant information under points 6 to 8		
Transport of goods by air (ICAO-TI/IATA-DGR)		
UN number:	UN 1170		
Proper shipping name UN:	Ethanol solution		
Transport hazard class(ess):	3		
Packing group:	II		
Label:	3		
Environmental hazard:	In accordance with UN shipping name		
Specific user precautions:	Relevant information under points 6 to 8		
	t in bulk according to Annex II of MARPOL 73/78 and the IBC Code: No ion available.		

SECT	SECTION 15 REGULATORY INFORMATION					
15.1	Regulations in the area mixture	a of safety, health, and environment/specific provisions for the substance or				
	Authorizations and/or	Authorizations and/or use restrictions				
	Authorizations:	No information				
	Restrictions:	There are no applicable authorizations and/or use restrictions for this product, beyond those specified elsewhere in this SDS or below. (EU regulations as specified remain as listed.)				
	EU regulations:	EC No. 1272/2008, CLP ATP 1 790-2009, CLP ATP corr758-1013, CLP ATP 2 286-2011, CLP ATP 2 286-2011, CLP ATP 487-2013, CLP ATP 5 944-2013., REACH Regulation, REACH ATP1 (340-2008), REACH ATP2 (440-2008), REACH ATP3 (552-2009), REACH ATP4 (761-2009), REACH ATP5 (453-2010), REACH ATP6 (109-2012). Regulation (EC) No 648/2004. European Agreement Concercing the International Carriage of Dangerous Goods by Road-ADR, Dangerous Goods by Rail-RID.				

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	Information (Directive1999/13/EC) on the limitation of emissions of volatile organic compounds (VOC): VOC: ca. 98%			
	National regulations:	EH40/2005 Workplace exposure limits with amendments October 2007. CHIP 3/ CHIP 4.		
15.2	Chemical Safety Assessment			
	-			

SECT	ION 16 OTHER INFORM	IATION
16.1	Revision indicators:	None
		IMDG: International Maritime Code for Dangerous Goods
		IATA: International Air Transport Association
		ICAO: International Civil Aviation Organization
16.2	Abbreviations:	GHS: Globally Harmonized System of Classification and Labelling of Chemicals
		LC50: Lethal concentration, 50 percent
		LD50: Lethal Dose, 50 percent
16.2	Key literature and sources of data:	Regulation (EC) No 1272/2008,
16.3		SDS UNELKO ANTI FOG LIQUID, revision 12.09.2011., version 01
16.4	Classification and use of class	ssification procedures for mixtures according to the CLP
Classifi	ication according to the CLP	
Flam. 1	iq. 2, H225	Calculation method, Regulation (EC) No 1272/2008.
16.5	Appropriate phrases and H s	tatements (number and full text)
	H:	H225 Highly flammable liquid and vapour.
16.6	Training advice:	
16.7	Further information:	-

APPENDIX:
EXPOSURE SCENARIOS IN ACCORDANCE WITH THE CHEMICAL SAFETY REPORT.
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