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Trading name:	SILVER AMMONIA REAGENT				
Product code:	SAR-OT-X**	Date of compilation:	09 July 2019	Version:	5

SECTI	ON 1: Identification of t	the substance	e/mixture	and of the company/undertaking		
1.1	Product identifier					
	Trading name:	SILVER AMI	MONIA RE	AGENT		
	Chemical name:	-				
	Catalogue number:	SAR-OT-X*	SAR-OT-X**			
1.2	Relevant identified use	es of the subs	tance or m	nixture and uses advised against		
	Uses: For u			with Von Kossa ana Masson Fontana staining kits.		
	Uses advised against: Only the identified u			identified uses are advised.		
	Reason why uses advis	sed against:	The product is intended for use only as an <i>in vitro</i> diagnostic medical device, registered at the Agency for Medicinal Products an Medical Devices and there is no reason to use it for other purposes			
1.3	Details of the supplier	of the safety	data shee	t		
	Supplier:		BioGnos	t Ltd.		
	Address:		Medjugo	Medjugorska 59, Zagreb		
	Telephone number:		+385 1 2409997			
	Telefax.:		+385 1 2	2404039		
	e-mail of competent p	erson:	msds@b	oiognost.hr		
	National contact:		-			
1.4	Emergency telephone	number				
	National Protection ar	nd Rescue Dire	ectorate:	112		
	Medical information:			+385 1 2348 342		
	Other information:			-		

SECTIO	SECTION 2. Hazards identification					
2.1	Classification of the substance	e or mixture				
2.1.1	Classification according to Regulation (EC) No 1272/2008 (CLP)					
	Hazard class and category code: Hazard statements*:					
	Aquatic Chronic 3 H412					
2.1.2.	Additional information					
	-					
*For fu	ll text of Hazard- and EU Hazard	d-statements: see S	SECTION 16			
2.2	Label elements					
	Product identification:	SILVER AMMO	NIA SOLUTION			
	Identification number:	-				
	Authorization number: -					
	Hazard pictograms:	Hazard pictograms: -				
	Signal word:	-				



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	Hazard statements:	H412 Harmful to aquatic life with long lasting effects.
	Precautionary statements:	P273 Avoid release to the environment P501 Dispose of contents/container in accordance with local regulations.
	Supplemetal hazard information (EU):	-
2.3	Other hazards	
	-	

SECTION 3. Cor	SECTION 3. Composition/information on ingredients						
CAS/ EC/ Index number	REACH Registration No	Weight % content (or range)	Identification name	Classification according to Regulation (EC) No 1272/2008 (CLP)			
7761-88-8/ 231-853-9/ 047-001-00-2	-	< 1 %	silver nitrate	Ox. Sol. 2; H272 Skin Corr. 1B; H314 Aquatic Acute 1; H400 Aquatic Chronic 1; H410			
1336-21-6/ 215-647-6/ 007-001-01-2	-	< 2 %	ammonia	Skin Corr. 1B; H314 Aquatic Acute 1; H400			

SECTI	ION 4. First aid measures	
4.1	Description of first aid measures	
	General notes:	If the suggested first aid measures do not prove sufficient, seek medical attention.
	Following inhalation:	Carry the afflicted person out of the contaminated area into a well-ventilated area or out for fresh air. In case of difficult breathing, provide the afflicted person with oxygen.
	Following skin contact:	Remove contaminated clothing. Immediately wash with plenty of water for at least 20 minutes. Seek medical assistance if the symptoms of irritation remain.
	Following eye contact:	Rinse out with plenty of water with the eyelid held wide open for at least 20 minutes. If the symptoms remain, immediately call in ophthalmologist.
	Following ingestion:	Rinse the oral cavity, drink 1-2 glasses of water. Immediately consult a physician and show the container or label. In case of swallowing large quantities, transport the afflicted person to the hospital.
	Self-protection of the first aider:	-
4.2	Most important symptoms and effects, both acute and delayed	
	Following inhalation:	Depending on concentration and exposure time, it may lead to mucosa irritation, cough, and dyspnea.



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	Following skin contact:	Depending on concentration and exposure time, it may lead to irritation, rash, skin drying and skin cracking.
	Following eye contact:	Depending on concentration and exposure time, it may lead to irritation, tearing, redness and pain.
	Following ingestion:	Danger of gastric perforattion.
4.3	Indication of any immediate medical attention and special treatment needed	
	-	

SECTI	ECTION 5. Firefighting measures				
5.1	Extinguishing media				
	Suitable extinguishing media:	Water spray, foam, dry powder, CO ₂ or alcohol resistant foam.			
	Unsuitable extinguishing media:	Water with full jet.			
5.2	Special hazards arising from the substance or mixture				
	Hazardous combustion products:	Nitrogen oxides (NOx). During heating or in case of fire poisonous gases are produced.			
5.3	Advice for firefighters				
	Use a self-contained open-circuit o	compressed air breathing apparatus and fireproof clothing.			
5.4	Additional information	Additional information			
	Do not contaminate the environm	ent with extinguishing media.			

SECTIO	SECTION 6. Accidental release measures				
6.1	Personal precautions, protective equipment and emergency procedures				
6.1.1.	For non-emergency personnel				
	Protective equipment:	Use personal protective equipment (see Section 8).			
	Accident prevention methods: Evacuate members of all non-essential personnel and those me without protective equipment. Avoid breathing vapors and contact with skin and eyes. Do not smoke.				
	Emergency procedures: Mark the area using proper signs.				
6.1.2.	For emergency responders:				
	Use protective equipment; in c (see Section 8).	ase of inadequate ventilation use adequate airways protective equipment			
6.2	Environmental precautions:				
	Do not dispose of in sewage, drainage system and waterways. In case of large spillage contact National Protection and Rescue Directorate (NPRD) on 112.				
6.3 Methods and material for containment and cleaning up		ainment and cleaning up			
6.3.1.	Bunding, covering of drains; capping procedures: Sand or clay barriers.				



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6.3.2.	Cleaning up:	Where possible, the substance can be absorbed by using absorbing material. Place the waste material in tightly closed impermeable containers. Store the substance in well ventilated storage rooms until disposal. Submit for disposal to the legal persons authorized by the Ministry of Environmental and Nature Protection. After disposal of the products, wash the area and and involved materials with water.
6.3.3.	Other information:	Do not use incompatible materials (see Section 10).
6.4	Reference to other sections	
	See Section 7 for information	n on safe handling.
	See Section 8 for information	n on personal protection equipment.
	See Section 13 for disposal in	nformation.

SECTION	ON 7. Handling and storage						
7.1	Precautions for safe handling						
7.1.1.	Protection measures	Protection measures					
	Measures to prevent fire:		Use in well ventilated storage rooms. Keep away from sources of ignition and heat.				
	Measures to prevent aerosol and dust generation	n:	Secure proper ventilation.				
	Measures to protect the environment:		Prevent spilling into the sewage system and waterways.				
	Other measures:		-				
7.1.2.	Advice on general occupational hygiene:						
	Do not eat, drink or smoke in the workspace. Thoroughly wash hands after work and before eating.						
7.2	Conditions for safe storage, including any incon	npatibilities					
	Technical measures and storage conditions:		ghtly closed and upright set containers at ures ranging from +2 to +8 °C.				
	Packaging materials:	Manufacti containers	urer's original packaging. Avoid metal s.				
	Requirements for storage rooms and vessels:	Keep away	y from food and drink. Keep the containers sed.				
	Advices for storage equipment:	must be re	ge must be made of hard material; floors esistant to chemicals. There must be no drain tly leads into sewage system. Secure proper n.				
	Further information on storage conditions:	Do not place the unused material in the storage and do not use empty containers for storing oth chemicals. Do not store with incompatible mate (see Section 10).					
7.3	Specific end use(s)						
	Recommendations:	_					



Soil (agricultural)

Air

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	Industrial	sector spe	cific solut	ions:		_			
						•			
SECTIO	N 8. Expos	ure contr	ols/perso	nal pro	tection				
8.1	Control pa	rameters							
Substance		CA	S No			exposure limit t term values	Biological	limit values	
				ı	opm	mg/m³			
Silver (as Ag)			-		-	0.01		-	
Ammonia		1330	6-21-6	2	0/50	14/36			
Substan	ce name:	-							
EC No:		_	CAS No	•	_				
DNEL				i					
					Ind	lustrial			
Route of		Acı	Acute Acute		cute	Chronic			Chronic
exposure:		effect	local	effect	systemic	ic effect local		effec	t systemic
Oral		-		-		-		-	
Inhalatio	on	-		-		-		-	
Dermal		-		-		-		-	
Critical p	ohysical par	ameters: s	olubility,	flammal	bility, cor	rosivity:	-		
					Cor	nsumer			
Route o		Acı effect			Acute : systemic	Chronic ic effect local			Chronic et systemic
Oral		-		-		-		-	
Inhalatio	on	-		-		-		-	
Dermal		-		-		-		-	
PNEC									
Environr	mental prot	ection tar	get			PNEC			
Fresh wa	ater					no inforr	nation available		
Freshwa	ter sedimer	nts				no information available			
Marine v	water					no inforr	nation available		
Marine s	sediments					no information available			
Food ch	ain					no information available			
Microor	ganisms in	sewage tr	eatment			no information available			

no information available no information available



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8.2	Exposure controls					
8.2.1.	Appropriate engineering controls					
	Substance/mixture related measures to prevent exposure during identified uses:		Use the product in well ventilated rooms. Use personal protective equipment. Do not eat, drink or smoke in the workspace.			
	Structural measures to prevent exposure:		In accordance with Section 7.			
	Organisational measures to preve exposure:	ent	Organization of work in order to reduce other worker's influence during work process.			
	Technical measures to prevent ex	posure:	Secure proper workspace ventilation in order to keep concentration levels in air below permitted levels. Secure stations for rinsing eyes and showering.			
8.2.2.	Personal protection equipment					
8.2.2.1.	Eye and face protection:	Safety glasses that stick to face (EN 166) or visor in case of lower levels of concentration in air; protective gas mask that covers the entire face in case of higher levels of concentration in air.				
8.2.2.2.	Skin protection	L				
	Hand protection:	Protect	tive nitrile gloves, >0.11 mm thick (EN 374).			
	Other skin protection:		antistatic clothing made of natural fibers (such as cotton) ang sleeves (EN 340) and shoes that cover the entire foot.			
8.2.2.3.	Respiratory protection:		quired under normal conditions of use. Use suitable tory protective device when high concentrations are t.			
8.2.2.4.	Thermal hazards:	No info	ormation available			
8.2.3.	Environmental exposure controls					
	Substance/mixture related measures to prevent exposure:	See Se	ction 6			
	Structural measures to prevent exposure:	Use mo	odern equipment.			
	Organisational measures to prevent exposure:	Adapt workpl	the work process to the required working conditions of the ace.			
	Technical measures to prevent exposure:	See Se	ction 6			

SECTION	SECTION 9. Physical and chemical properties						
9.1	Information on basic physical and chemical properties						
		Value	Method				
	Physical state:	liquid	No information available				



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	Colour:	colourless	No information available
	Odour:	mild ammonia like	No information available
	Odor threshold:	No information available	No information available
	pH:	No information available	No information available
	Melting point / freezing point;	No information available	No information available
	Initial boiling point and boiling range:	No information available	No information available
	Flash point:	No information available	No information available
	Evaporation rate:	No information available	No information available
	Flammability (solid, gas):	No information available	No information available
	Upper/lower flammability or explosive limits:	No information available	No information available
	Vapour pressure:	No information available	No information available
	Vapour density:	No information available	No information available
	Relative density:	No information available	No information available
	Bulk density:	No information available	No information available
	Solubility(ies):	No information available	No information available
	Partition coefficient: n-octanol/water (log Kow):	No information available	No information available
	Auto-ignition temperature:	No information available	No information available
	Decomposition temperature:	No information available	No information available
	Viscosity:	No information available	No information available
	Explosive properties:	No information available	No information available
	Oxidising properties:	No information available	No information available
.2	Other information		

SECTIO	SECTION 10. Stability and reactivity					
10.1	Reactivity:	See subsections 10.3 through 10.5.				
10.2	Chemical stability:	The product is chemically stable under standard ambient conditions of storing and using (room temperature).				
10.3	Possibility of hazardous reactions:	No dangerous reactions known.				
10.4	Conditions to avoid:	No information available				
10.5	Incompatible materials:	No information available				
10.6	Hazardous decomposition products:	No information available				

SECTION 11. Toxicological information



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Trading name:			SILVE	R AMMONI	A REAGE	NT			
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11.1 Information	n on toxicologic	cal effects							
Acute toxic	ity:								
Route of exposure:	Method Species			ose LD ₅₀ /LC ₅₀ o	or Ex	xposure time	e	Result	ts
Oral:	-	-		-		-		-	
Dermal:	-	-		-		-		_	
Inhalation:	-	_		_		-		-	

Specific tar	get organ toxic	city – single	exposure (S	STOT SE):		i			
	Spe	ecific effects		Tar	get organ			Note	
Oral:	No information	n available		No informat	ion availal	ble -			
Dermal:	No information	n available		No informat	No information available -				
Inhalation:	No information	n available		No informat	ion availal	ble -			
Aspiration	hazard:		No infor	mation availal	ole.				
:									
Irritation ar	nd corrosion								
	Exposi	ure time	Spec	cies Eva	luation	Method		Note	
Skin corrosion/irritation:	–		-	-		-	_		
Serious eye									
damage/irritation	-		-	-		-	-		
Sensitizatio	un.								
Skin sensitization:	/11 -								
Respiratory sensitiza									
Respiratory sensitize	1011.								
Symptoms	related to the p	ohysical, che	emical and t	toxicological c	haracteris	tics			
Oral exposure:	No informa	ntion availab	le.						
Dermal exposure:	No informa	ntion availab	le.						
Inhalation exposure		ition availab							
Eye exposure:		ition availab	le.						
<u> </u>	<u> </u>								
Repeated o	lose toxicity (su	ıbacute, sub	chronic, ch	ronic)					
<u> </u>		Exposure			.1. 1				

Species

Dose

time

Method

Evaluation

Note



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Subacute oral	No information available	No information available	No information available	No information available	No information available	-
Subacute dermal	No information available	No information available	No information available	No information available	No information available	-
Subacute inhalation	No information available	No information available	No information available	No information available	No information available	-
Subchronic oral	No information available	No information available	No information available	No information available	No information available	-
Subchronic dermal	No information available	No information available	No information available	No information available	No information available	-
Subchronic inhalation	No information available	No information available	No information available	No information available	No information available	-
Chronic oral	No information available	No information available	No information available	No information available	No information available	-
Chronic dermal	No information available	No information available	No information available	No information available	No information available	-
Chronic inhalation	No information available	No information available	No information available	No information available	No information available	-

Specific target or	rgan tovicity –	reneated evan	SUITA (STOT RE)

	Specific effects	Target organ	Note
Subacute oral	No information available	No information available	-
Subacute dermal	No information available	No information available	-
Subacute inhalation	No information available	No information available	-
Subchronic oral	No information available	No information available	-
Subchronic dermal	No information available	No information available	-
Subchronic inhalation	No information available	No information available	-
Chronic oral	No information available	No information available	-
Chronic dermal	No information available	No information available	-
Chronic inhalation	No information available	No information available	-

CMR effects (carcinogenicity; mutagenicity; reproductive toxicity)



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	Carcinogenicity:	No information available.
	Mutagenicity in vitro:	No information available.
	Genotoxicity:	No information available.
	Mutagenicity in vivo:	No information available.
	Germ cell mutagenicity:	No information available.
	Reproductive toxicity:	No information available.
	Summary of evaluation of the CMR properties:	No information available.
11.2	Practical experiences:	
	Classification observations:	-
	Other observations:	-
11.3	General notes:	
	-	

SECTION 12. Ecologi	SECTION 12. Ecological information								
12.1 Toxicity									
Acute (short-term) toxicity	Dose	Exposure time	Species	Method	Evaluation	Note			
Fish	LC ₅₀	96 hours	Leuciscus idus (Golden orfe)	-	-	0.011 mg/l (silver nitrate)			
Crustacea:	EC ₅₀	48 hours	Daphnia magna (Water flea)	-	-	0.0082 mg/l (silver nitrate)			
Algae/aquatic plants	IC ₅₀	4 days	Pseudokirchner iella subcapitata (green algae)	-	-	0.19 mg/l (silver nitrate)			
Other organisms	-	-	-	-	-	-			
Chronic (long-term) toxicity	Dose	Exposure time	Species	Method	Evaluation	Note			
Fish	LC ₅₀	96 hours	No information available	No information available	No information available	-			
Crustacea:	EC ₅₀	48 hours	No information available	No information available	No information available	-			



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Product code:	S	AR-OT-X**		Г	Date of compilat	ion:	09 July	[,] 2019	Version:	5
Algae/aquatic p	olants	IC ₅₀	72 hours		No information available	No inforn availa	nation ble	No information available	-	
Other organism	organisms			_			_	-		
		<u> </u>	<u> </u>				i		_ !	
12.2 Persist	ence a	nd degradab	lity							
Abiotic	degra	dation								
	De	gradation ha	lf-lives		Method	E	Evaluation	1	Note	
Marine water	No ir	nformation av	ailable		information ailable	No in	formation ble	-		
Fresh water	No ir	nformation av	ailable		information ailable	No in	formation ble	-		
Air	No ir	nformation av	ailable		information ailable	No in availa	formation ble	-		
Soil	No ir	nformation av	ailable		information ailable	No inta	formation ble	-		
Biodeg	radatio	on						,		
% Degradation	on	Time (d	ays)		Method	E	Evaluation	1	Note	
No information available		No infavailable	ormation		o information ailable	No inta	formation ble	No ir avail	nformation able	
12.3 Bioacc	umulat	ive potential								
Octano	ol-wate	er partition co	efficient (log k	Kow)					
Value	Conce	ntration	рН	°C	Method		Evalua	ntion	Note	
			-	-	-	-		-		
:		:	1		:	:		:		
	centra	tion factor (B								
Value		Specie		_	Method		Evaluation		Note	
No information available		o info vailable	ormation		information ailable		nformatic lable	on -		



13.1

Waste treatment methods

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	Chronic ecoto	ĸicity	1			1		1
	Value	Dose	Exposure time	Species	Method	Ev	aluation	Note
Chronic	toxicity on fish	LC ₅₀	information i	No nformation available	No informatic available		rmation ilable	-
	toxicity on ea (<i>Daphnia</i>)	EC ₅₀	information i	No nformation available	No informatic available		rmation ilable	-
12.4	Mobility in soi	l						
	Known or pred	dicted distributi	on in environmer	ntal compart	ments:			
	No informatio	n available						
	Surface tensio	n:						
	Value	°C	Concentration	on	Method			Note
	No information available	No information available	No informatio		No information available		_	
	Adsorption / c	coefficient	log Kow	Evaporation	on rate	Meth	od	Note
Transpo	ort !	's constant						
	Henry	's constant information	No information available	No inform		lo inform vailable	nation -	
Soil-war	ter No available	information		available	av nation N		-	
Soil-wa	ter No available	information	available No information	available No inform available	avanation Nation N	vailable Io inform	nation -	
Soil-wa	ter No available No available No available No available	information information	available No information available No information available	available No inform available No inform	avanation Nation N	vailable lo inform vailable lo inform	nation -	
Soil-war Water-a	ter No available No available No available No available	information information information and vPvB asses	available No information available No information available	available No inform available No inform	avanation Nation N	vailable lo inform vailable lo inform	nation -	
Soil-war Water-a	ter No available No available No available Results of PBT	information information information and vPvB asses	available No information available No information available	available No inform available No inform	avanation Nation N	vailable lo inform vailable lo inform	nation -	
Soil-war Water-a Soil-air	ter No available No available No available No available Results of PBT No informatio	information information information and vPvB asses n available effects	available No information available No information available	available No inform available No inform	avanation Nation N	vailable lo inform vailable lo inform	nation -	



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13.1.1.	Product/Packaging dispo	osal:
	Submit for disposal to the Protection.	ne legal person authorized by the Ministry of Environmental and Nature
13.1.2.	Waste codes/waste design	gnations according to Law:
		residual hazardous substances or is contaminated with hazardous substances
13.1.3.	Waste treatment – releva	ant information:
	No information available	
13.1.4.	Sewage disposal – releva	ant information:
	Waste must not be dispo	osed of into the sewage system.
13.1.5.	Other disposal recomme	endations:
	Do not dispose of the prauthorized by the minist	roduct's remains into the sewage system. Submit the remains to the collectors ry in charge. Do not dispose of the packaging into the sewage system. Submit lectors authorized by the ministry in charge.
13.1.6.	Relevant Community pro	ovisions:
13.1.6.	Relevant Community pro	ovisions:
	-	
SECTION	- N 14 TRANSPORT INFORM	MATION
SECTION	- N 14 TRANSPORT INFORM	MATION road (ADR)
SECTION UN num	- N 14 TRANSPORT INFORM Transporting/shipment by lber:	MATION road (ADR) 3082
UN num	- N 14 TRANSPORT INFORM	MATION road (ADR)
UN num	Transporting/shipment by ber: Der shipping name: rt hazard class(es):	road (ADR) 3082 Environmentally hazardous substance, liquid, n.o.s. (silver ammonium)
UN num UN prop Transpor	Transporting/shipment by ber: Der shipping name: rt hazard class(es):	road (ADR) 3082 Environmentally hazardous substance, liquid, n.o.s. (silver ammonium) 9
UN num UN prop Transpor Packing Environn	Transporting/shipment by ber: Der shipping name: rt hazard class(es): group:	road (ADR) 3082 Environmentally hazardous substance, liquid, n.o.s. (silver ammonium) 9 III
UN num UN prop Transpor Packing Environn Special p	Transporting/shipment by ber: Der shipping name: rt hazard class(es): group: mentally hazardous:	road (ADR) 3082 Environmentally hazardous substance, liquid, n.o.s. (silver ammonium) 9 III
UN num UN prop Transpor Packing Environn Special p	Transporting/shipment by ber: oer shipping name: rt hazard class(es): group: mentally hazardous: orecautions for user: Transporting/shipment by	road (ADR) 3082 Environmentally hazardous substance, liquid, n.o.s. (silver ammonium) 9 III
UN num UN prop Transpor Packing Environn Special p	Transporting/shipment by ber: oer shipping name: rt hazard class(es): group: mentally hazardous: orecautions for user: Transporting/shipment by	road (ADR) 3082 Environmentally hazardous substance, liquid, n.o.s. (silver ammonium) 9 III - rail (RID)
UN num UN prop Transpor Packing Environn Special p UN num UN prop	Transporting/shipment by ber: ber shipping name: rt hazard class(es): group: mentally hazardous: brecautions for user: Transporting/shipment by ber:	road (ADR) 3082 Environmentally hazardous substance, liquid, n.o.s. (silver ammonium) 9 III - rail (RID) 3082
UN num UN prop Transpor Packing Environn Special p UN num UN prop	Transporting/shipment by ber: per shipping name: rt hazard class(es): group: mentally hazardous: precautions for user: Transporting/shipment by ber: per shipping name: rt hazard class(es):	road (ADR) 3082 Environmentally hazardous substance, liquid, n.o.s. (silver ammonium) 9 III rail (RID) 3082 Environmentally hazardous substance, liquid, n.o.s. (silver ammonium)
UN num UN prop Transpor Packing Environn Special p UN num UN prop Transpor Packing	Transporting/shipment by ber: per shipping name: rt hazard class(es): group: mentally hazardous: precautions for user: Transporting/shipment by ber: per shipping name: rt hazard class(es):	road (ADR) 3082 Environmentally hazardous substance, liquid, n.o.s. (silver ammonium) 9 III rail (RID) 3082 Environmentally hazardous substance, liquid, n.o.s. (silver ammonium) 9



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Trading name:	SILVER AMMONIA REAGENT					
Product code:	SAR-OT-X**	Date of compilation:	09 July 2019	Version:	5	

UN number:	3082
UN proper shipping name:	Environmentally hazardous substance, liquid, n.o.s. (silver ammonium)
Transport hazard class(es):	9
Packing group:	
Environmentally hazardous:	-
Special precautions for user:	-
Transporting/shipment by sea (II	MDG)
UN number:	3082
UN proper shipping name:	Environmentally hazardous substance, liquid, n.o.s. (silver ammonium)
Transport hazard class(es):	9
Packing group:	III
Environmentally hazardous:	-
Special precautions for user:	-
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code:	-
Transporting/shipment by air (IC	AO-TI/IATA-DGR)
UN number:	3082
UN proper shipping name:	Environmentally hazardous substance, liquid, n.o.s. (silver ammonium)
Transport hazard class(es):	9
Packing group:	III
Environmentally hazardous:	-
Special precautions for user:	_

SECTI	ON 15. Regulatory information		
15.1	Safety, health and envi	ironmental regulations/legislation specific for the substance or mixture	
	EU regulations		
	Authorization and/or r	restrictions of use	
	Authorizations:	-	
	Restrictions:	-	



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Trading name:	SILVER AMMONIA REAGENT				
Product code:	SAR-OT-X**	Date of compilation:	09 July 2019	Version:	5

	Other EU regulations:	EC Regulation No. 1906/2007 and EC Regulation No. 1272/2008 of the European Parliament and the European Council; The European Commission Regulation No. 453/2006 of 2010 on changes and amendments to the Regulation (EC) No. 1907/2006 of the European Parliament and Council on registration, evaluation, authorization and restriction of chemical substances (REACH); EC Regulation No. 2037/200 of the European Parliament and Council from 29 June 2000 on substances that damage the ozone layer; EC Regulation No. 689/2008 of the European Parliament and Council from 17 June 2008 concerning the export and import of dangerous chemicals; EC Regulation No. 850/2004 of the European Parliament and Council from 29 April 2004 about persistent organic pollutants;
	Information according 199 guideline)	Directive 2008/98/EC of the European Parliament and Council of 19 November 2008 on waste and repealing certain Directives 9/13/EC about limitation of emissions of volatile organic compounds (VOC-
	National legislation:	Chemicals Act, Regulation on classification, packaging and labeling of dangerous substances, Ordinance on occupational exposure limit values and on biological limit values, Regulation on categories, types and classification of waste with a waste catalog and list of hazardous waste, Ordinance on writing Material safety data sheet, Transport of Hazardous Substances Act
15.2	Chemical safety assessmen	t
	None	

SECTION 16. Other information			
16.1	Indication of changes:	-	
	Abbreviations and acronyms:	PBT	Stable, bioaccumulative and toxic
		vPvB	Strongly stable and strongly bioaccumulative.
16.2		LD ₅₀	Lethal dose, 50%
		LC ₅₀	Lethal concentration, 50%
		TCOJ	Specific target organ toxicity - single exposure
16.3.	Key literature references and source of data:	-	
16.4.	Classification and procedure u 1272/2008 (CLP)	sed to derive the	classification for mixture according to Regulation (EC)
Classification		Classification procedure	
_		-	
16.5.	Relevant H statements (number	er and full text)	



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Trading name:	SILVER AMMONIA REAGENT				
Product code:	SAR-OT-X**	Date of compilation:	09 July 2019	Version:	5

		H272	May intensify fire; oxidiser.
		H314	Causes severe skin burns and eye damage.
	H:	H400	Very toxic to aquatic life.
		H410	Very toxic to aquatic life with long lasting effects.
		H412	Harmful to aquatic life with long lasting effects
16.6.	Trai	ning advice:	-
16.7.	Furt	ther information:	** "X" in the product code marks different volumes (different packagings of the product) We are not responsible for consequences in case of failure to comply with instructions for use or improper use of the product described in this material safety data sheet.

ANNEX: Exposure scenario resulting to chemical safety assessment
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