

Page 1 of 16

Trading name:		ACRIDINE ORANGE SOLUTION					
Product code:	AOA-OT-X**	Date of compilation:	26 June 2019	Version:	4		

SECTI	ON 1: Identification of t	he substance	e/mixture	and of the company/undertaking		
1.1	Product identifier					
	Trading name:	ACRIDINE C	DRANGE S	OLUTION		
	Chemical name:	-				
	Catalogue number:	AOA-OT-X*				
1.2	Relevant identified use	es of the subs	tance or m	nixture and uses advised against		
	Uses:		Solution	of wide range of application.		
	Uses advised against:		Only the	e identified uses are advised.		
	Reason why uses advis	sed against:	medical	duct is intended for use only as an <i>in vitro</i> diagnostic device, registered at the Agency for Medicinal Products and 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:	Address:		Medjugorska 59, Zagreb		
	Telephone number:		+385 1 2409997			
	Telefax.:		+385 1 2404039 <u>msds@biognost.hr</u>			
	e-mail of competent p	erson:				
	National contact:		-			
1.4	Emergency telephone	Emergency telephone number				
	National Protection and Rescue Dire		ectorate:	112		
	Medical information:			+385 1 2348 342		
	Other information:			-		

SECTIO	SECTION 2. Hazards identification						
2.1	Classification of the substance or mixture						
2.1.1	Classification according to Regi	ulation (EC) No 1	L272/2008 (CLP)				
	Hazard class and catego	ory code:	Hazard statements*:				
	Not identified as hazardous substance						
2.1.2.	Additional information						
	-						
*For fu	ll text of Hazard- and EU Hazard-	statements: see S	SECTION 16				
2.2	Label elements						
	Product identification:	ACRIDINE ORA	NGE SOLUTION				
	Identification number:						
	Authorization number:	-					
	Hazard pictograms:	-					



Page 2 of 16

Trading name:		ACRIDINE ORANGE SOLUTION					
Product code:	AOA-OT-X**	Date of compilation:	26 June 2019	Version:	4		

	Signal word:	-
	Hazard statements:	-
	Precautionary statements:	-
	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)			
10127-02-3/ 233-353-6/ -	-	< 1	N, N, N ', N'-trimethyl acridine-3,6- diamine monohydrochloride	Muta. 2; H341			

SECTI	ON 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 mouth thoroughly with 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 eff	fects, both acute and delayed
	Following inhalation:	According to our findings, chemical, physical and toxicological properties of the substance have not been entirely tested.
	Following skin contact:	According to our findings, chemical, physical and toxicological properties of the substance have not been entirely tested.
	Following eye contact:	According to our findings, chemical, physical and toxicological properties of the substance have not been entirely tested.



Page 3 of 16

Trading name:		ACRIDINE ORANGE SOLUTION					
Product code:	AOA-OT-X**	Date of compilation:	26 June 2019	Version:	4		

		Following ingestion:	According to our findings, chemical, physical and toxicological properties of the substance have not been entirely tested.	
4	1.3	Indication of any immediate medical attention and special treatment needed		
		-		

SECTI	SECTION 5. Firefighting measures					
5.1	Extinguishing media	Extinguishing media				
	Suitable extinguishing media:	water spray, dry powder, CO ₂ or alcohol resistant foam				
	Unsuitable extinguishing media:	Water with full jet				
5.2	Special hazards arising from the su	bstance or mixture				
	Hazardous combustion products:	no information available				
5.3	Advice for firefighters					
	Use a self-contained open-circuit o	compressed air breathing apparatus and fireproof clothing.				
5.4	Additional information					
	•	Cool endangered receptacles with water spray. Collect contaminated fire fighting water separately. Do not contaminate the environment with extinguishing media.				

SECTIO	ECTION 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 members of all non-essential personnel and thos				
	Emergency procedures:	Mark the area using proper signs.			
6.1.2.	For emergency responders:				
	Use protective equipment; in ca (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				
6.3.1.	Bunding, covering of drains; capping procedures: Sand protective barrier or barriers made of similar materials.				



Page 4 of 16

Trading name:		ACRIDINE ORANGE SOLUTION					
Product code:	AOA-OT-X**	Date of compilation:	26 June 2019	Version:	4		

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:	Secure proper ventilation. Do not use incompatible materials (see Section 10).	
6.4	Reference to other sections		
	See Section 7 for information on safe handling.		
	See Section 8 for information on personal protection equipment.		
	See Section 13 for disposal in	nformation.	

SECTIO	ON 7. Handling and storage			
7.1	Precautions for safe handling			
7.1.1.	Protection measures			
	Measures to prevent fire:		Use in well ventilated storage rooms. Keep away from sources of ignition and heat. Do not use tools that cause sparks. Do not smoke.	
	Measures to prevent aerosol and dust generation	on:	Secure proper ventilation.	
	Measures to protect the environment:		Prevent spilling into the sewage system and waterways.	
	Other measures:		Protect against electrostatic charges.	
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:	well ventila	phtly closed and upright set containers in a ated storage rooms at temperatures ranging 25 °C. Protect from heat and direct sunlight.	
	Packaging materials:	Manufactu	ırer's original packaging.	
	Requirements for storage rooms and vessels:	Keep away from food and drink. Keep the containers tightly closed.		
	Advices for storage equipment:	must be re	ge must be made of hard material; floors esistant to chemicals. There must be no drain ly leads into sewage system. Secure proper i.	
	Further information on storage conditions:	and do no	ice the unused material in the storage room t use empty containers for storing other Do not store with incompatible materials on 10).	



Recommendations:

Air

SAFETY DATA SHEET BIOGNOST® According to Regulation (EC) No. 1907/2006

Trading name:		ACRIDINE ORANGE	SOLUTION	Page 5 01 1	0
Product code:	AOA-OT-X**	Date of compilation:	26 June 2019	Version:	4
7.3 Specific	end use(s)				

Industrial sector specific solutions:				-				
SECTION 8. Expos	ure contr	ols/perso	nal prote	ction				
8.1 Control pa	arameters							
Substance		CA			cupational exposure limit alues/short term values			Biological limit values
					ppm	mg/m ³		
-			-		-	-	-	
Substance name:	Substance name: -							
EC No:	-	CAS No	: -					
DNEL								
				Inc	dustrial			
Route of	Acı	ıte	Acı	ıte		Chronic		Chronic
exposure:	effect	local	effect sy	/stemio	С	effect local		effect systemic
Oral	-		-		-			-
Inhalation	-		-		-	-		-
Dermal	-		-		- -			-
Critical physical pa	rameters: s	olubility,	flammabil	ity, cor	rosivity:	-		
				Со	nsumer			
Route of		cute	Acı			Chronic		Chronic
exposure:	effec	t local	effect sy	ystemi	С	effect local		effect systemic
Oral	-		-		-		-	-
Inhalation	-		-		-			
Dermal			-					-
PNEC								
Environmental protection target				PNEC				
Fresh water			no information available					
Freshwater sediments			no information available					
Marine water				no information available				
Marine sediments				no information available				
Food chain				no information available				
Microorganisms in	sewage tr	eatment			no information available			
Soil (agricultural)				no information available				

no information available



Page 6 of 16

Trading name:		ACRIDINE ORANGE	SOLUTION		
Product code:	AOA-OT-X**	Date of compilation:	26 June 2019	Version:	4

8.2	Exposure controls		
8.2.1.	Appropriate engineering controls	S	
	Substance/mixture related measurevent exposure during identified		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	kposure:	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		
	Hand protection:		otective gloves have to satisfy the specification of tion (EU) 2016/425 and the related standard EN 374. Glove material: nitrile rubber Glove thickness: 0.40 mm Time until perforation: > 480 min
	Other skin protection:	footwe entire impern	everyday work use cotton clothing (EN 340) and suitable ear, such as rubber boots (EN 20345) or shoes that cover the foot. In case of spilling hazard, use clothing made of meable material suitable for protection from liquid chemicals PVC, himex) and footwear made from the same material.
8.2.2.3.	Respiratory protection:	with a	tive full face mask (EN 136) or half mask (EN 140) equipped filter for organic vapors, type "A" (boiling point >65°C) ng to EN 14387) used when concentration levels exceed GVI.
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 the work process to the required working conditions of the workplace.	



Page 7 of 16

Trading name:		ACRIDINE ORANGE	SOLUTION	<u> </u>	
Product code:	AOA-OT-X**	Date of compilation:	26 June 2019	Version:	4

Technical measures to prevent	See Section 6
exposure:	See Section 0

1	Information on basic physical and	chemical properties	
		Value	Method
	Physical state:	liquid	No information available
	Colour:	orange brown	No information available
	Odour:	No information available	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

SECTION 10. Stability and reactivity	
10.1 Reactivity:	See subsections 10.3 through 10.5.



Page 8 of 16

Trading name:	ACRIDINE ORANGE SOLUTION				
Product code:	AOA-OT-X**	Date of compilation:	26 June 2019	Version:	4

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:	Avoid heat, sparks, open flames and other ignition sources.
10.5	Incompatible materials:	No further relevant information available.
10.6	Hazardous decomposition products:	No dangerous decompostion products known.

	formation o	n toxicologi	cal effects					
Ac								
	cute toxicity:							
Route of exposure:		Method	Species	Do	se LD ₅₀ /LC ₅₀ or ATE _{mix}	Exposure ti	me	Results
Oral:		-	-		-	-		-
Dermal:		-	-		-	-		-
Inhalation:		-	-		-	-		-
Sp	ecific target	organ toxi	city – single e	xposure (S	TOT SE):			
			ecific effects	`	Target	organ		Note
Oral:	N	o informati	on available		No information available -			
Dermal:	nal: No information available				No information available -			
Inhalation: No information ava			on available		No information	available	-	
As	piration haz	ard:		No inforr	mation available.			
Irr	itation and	corrosion						
		Expos	ure time	Spec	ies Evaluat	ion Method		Note
Skin corrosion/iı	rritation:	_		-	-	-	-	
Serious eye damage/irr		-		-	-	_	-	
Se	ensitization							
Skin sensiti		No i	nformation av	vailable.				
	sensitizatio		nformation av					
	221.310.2000							



Page 9 of 16

Trading name:		ACRIDINE ORANGE	SOLUTION		
Product code:	AOA-OT-X**	Date of compilation:	26 June 2019	Version:	4

Dermal exposure	e:	Harmful if ab	sorbed throug	ıh skin. May caı	ıse skin irritation	•	
Inhalation expos	ure:	Harmful if inl	naled. May cau	ıse respiratory t	ract irritation.		
Eye exposure:		May cause ey	e irritation.				
Repeate	ed dose	toxicity (sub	acute, subchro	onic, chronic)			
		Dose	Exposure time	Species	Method	Evaluation	Note
Subacute oral	No i availa	information ble	No information available	No information available	No information available	No information available	-
Subacute dermal	No i availa	information ble	No information available	No information available	No information available	No information available	-
Subacute inhalation	No i availa	information ble	No information available	No information available	No information available	No information available	-
Subchronic oral	No i availa	information ble	No information available	No information available	No information available	No information available	-
Subchronic dermal	No i availa	information ble	No information available	No information available	No information available	No information available	-
Subchronic inhalation	No i availa	information ble	No information available	No information available	No information available	No information available	-
Chronic oral	No i availa	information ble	No information available	No information available	No information available	No information available	-
Chronic dermal	No i availa	information ble	No information available	No information available	No information available	No information available	-
Chronic inhalation	No i availa	information ble	No information available	No information available	No information available	No information available	-
Specific	target	organ toxicit	y – repeated e	xposure (STOT	RE):		
			Specific effec	its	Target o	rgan	Note
Subacute oral			tion available		No information		
Subacute dermal			tion available		No information		
Subacute inhalat	ion		tion available		No information		
Subchronic oral		No informa	tion available		No information	n available -	



Page 10 of 16

Trading name:		ACRIDINE ORANGE SOLUTION							
Product code:	AOA-OT-X**	Date of compilation:	26 June 2019	Version:	4				

11.3	General notes:		i				
	Other observa	tions:	No inf	ormation available			
	Classification o			ormation available			
11.2	Practical exper						
	Summary of properties:	evaluation of the CN	/IR Based met.	on available data, the classific	ation criteria are not		
	Reproductive t	oxicity:	Based on a	vailable data, the classification (criteria are not met.		
	Germ cell muta	agenicity:	vailable data, the classification of	able data, the classification criteria are not met.			
	Mutagenicity i	n vivo:	Based on a	vailable data, the classification	criteria are not met.		
	Genotoxicity:		Based on available data, the classification criteria are not met.				
	Mutagenicity i	n vitro:	Based on available data, the classification criteria are not met.				
	Carcinogenicit	y:	Based on a	vailable data, the classification of	criteria are not met.		
	CMR effects (c	arcinogenicity; mutagenicity	y; reproduc	tive toxicity)			
Chroni	c inhalation	No information available		No information available	-		
	c dermal	No information available		No information available	-		
Chroni		No information available		No information available	-		
Subchr	ronic inhalation	No information available		No information available	-		
Subchr	ronic dermal	No information available		No information available	-		

SECTION 12. Ecologic	cal informat	ion				
12.1 Toxicity						
Acute (short-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	-
Algae/aquatic plants	IC ₅₀	4 days	No information available	No information available	No information available	-
Other organisms	-	-	-	_	-	-



Page 11 of 16

Trading name:		ACRIDINE ORANGE SOLUTION							
Product code:	AOA-OT-X**	Date of compilation:	26 June 2019	Version:	4				

Product code:	: A	OA-OT-X**		Date of compila	tion:	: 26 June 2019		Ve	ersion:
									:
Chronic (long-t toxicity	term)	Dose	Exposure time	Species	Me	thod	Eval	uation	Note
Fish		LC ₅₀	96 hours	No information available	No inform availat		No inform availab		-
Crustacea:		EC ₅₀	48 hours	No information available	No inform availat		No inform availat		-
Algae/aquatic ¡	plants	IC ₅₀	72 hours	No information available	No inform availat		No inform availab		-
Other organisn	ns	-	-	-	-		-	-	
12.2 Daniel			:11:4.						
		nd degradab	omity						
ADIOTI	c degra		16.11		_				
	De	gradation ha	alt-lives	Method	E	valuatio	n		Note
Marine water	No ir	nformation a	vailable	No information available	No inf availat	ormatio ole	n	-	
Fresh water	No information available No information available No information available		n	_					
Air	No ir	nformation a	vailable	No information available	No inf availat	ormatio ole	n	_	
				No information	No inf	ormatio	n		

Marine water	No information available	No information available	No information available	-
Fresh water	No information available	No information available	No information available	-
Air	No information available	No information available	No information available	-
Soil	No information available	No information available	No information available	-

Biodegrada	tion			
% Degradation	Time (days)	Method	Evaluation	Note
No information available				

12.3 B	12.3 Bioaccumulative potential								
C	Octanol-water partition coefficient (log Kow)								
Value	Concentration	рН	°C	Method	Evaluation	Note			
-	-	_	_	-	-	-			
		•							



Page 12 of 16

Trading name:		ACRIDINE ORANGE SOLUTION							
Product code:	AOA-OT-X**	Date of compilation:	26 June 2019	Version:	4				

Va	alue		Species		M	1ethod		Εν	aluatio	on		Note
No infoi available	rmation e	No availal	inform ble	ation	No info availabl		n	No info		on	-	
	Chronic e	ecotoxicit	ty									
	Value		Dose		osure me	Spe	cies	Meth	iod	Eva	aluation	Note
Chronic	toxicity or	n fish	LC ₅₀	No infor availa	mation able	No inform availal		No informa availab		No infor avail	mation able	-
	toxicity or ea (<i>Daphni</i>		EC ₅₀	No informavaila	mation able	No inform availab		No informa availab		No information available		-
12.4	Mobility i Known or	r predicte	ed distributi vailable	on in e	environmo	ental co	ompart	ments:				
12.4	Known o	r predicte		on in e	environm	ental co	ompart	ments:				
12.4	Known or No inform Surface to Value	r predicte mation av ension:	vailable °C	Cı	oncentrat	tion		Metho				Note
12.4	Known or No inform Surface to	r predictor mation avension:	vailable °C	C) No		tion		Metho			-	Note
12.4	Known or No information Surface to Value	r predictor mation avension:	°C oformation	C) No	oncentrat informat	tion	No inf	Metho			-	Note
12.4	Known or No informati available	nation average representation average representation average representation average representation representation average representation repr	°C oformation ailable orption	C) No	oncentrat informat	tion	No inf	Metho			-	Note
Transpo	Known or No informati available Adsorption	nation avenue nation avenue nation avenue nation: No infav	vailable °C formation ailable orption fficient	No ava	oncentrat informat	tion	No inf availab	Metho	1	Metho		Note
	Known or No informati available Adsorption	nation avenue nation / description / description / description avenue nation avenue na	vailable °C formation ailable orption fficient	No ava	oncentration information information information	tion ion Eva	No inf availab	Methorole formation ole	1	nforma	od	
Transpo	Known or No informati available Adsorption of ter No available	on / descondency's contable	°C formation ailable orption fficient onstant	No ava	oncentral informat ilable og Kow oformation able oformation	Eva	No inf availab aporati	Methorople on rate	No ir	nforma able nforma	od ation	Note



Special precautions for user:

SAFETY DATA SHEET According to Regulation (EC) No. 1907/2006

Page 13 of 16

Trading name:		ACRIDINE ORANGE SOLUTION						
Produc	t code:	AOA-OT-X**	Date of compilation:	26 June 2019	Version:	4		
		3	·	;	:			
	Not applic	able.						
12.6		erse effects						
	No further	relevant information	available.					
	N 13. Disp	osal considerations						
13.1	Waste tr	reatment methods						
13.1.1.		/Packaging disposal:						
	Submit f Protection		al person authorized by the Min	istry of Environmenta	al and Nature			
	TTOLECTIO	JII.						
13.1.2.	Waste co	ndes/waste designati	ons according to Law:					
13.1.2.			ntains residual hazardous substar	nces or is contaminat	ed with hazardo	us		
	substance		italiis residual mazardous substai	ices or is correarminate	ied With Hazardo			
13.1.3.	Waste tr	eatment – relevant in	formation:					
	No infor	mation available						
13.1.4.	Sewage	disposal – relevant in	nt information:					
	Waste m	nust not be disposed	of into the sewage system.					
13.1.5.	Other di	sposal recommendat	ions:					
			t's remains into the sewage syste					
		-	charge. Do not dispose of the pars rs authorized by the ministry in c		vage system. Sub	mit		
13.1.6.	-	t Community provisio	<u> </u>	ge.				
23.2.0.		, ,	ccording to official regulations.					
	 		g					
SECTIO	N 14 TRAN	ISPORT INFORMATI	ON					
	Transporti	ng/shipment by road	(ADR)					
UN num			Not subject to transport regu	lations				
UN prop	per shipping	g name:	_					
	rt hazard cl		_					
Packing			-					
Environmentally hazardous:			-					



Page 14 of 16

Trading name:	ACRIDINE ORANGE SOLUTION				
Product code:	AOA-OT-X**	Date of compilation:	26 June 2019	Version:	4

Transporting/shipment by rail (RI	(D)
UN number:	Not subject to transport regulations
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmentally hazardous:	-
Special precautions for user:	-
Inland waterway transport (ADN)	
UN number:	Not subject to transport regulations
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmentally hazardous:	-
Special precautions for user:	-
Transporting/shipment by sea (IN	/IDG)
UN number:	Not subject to transport regulations
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
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 (ICA	AO-TI/IATA-DGR)
UN number:	Not subject to transport regulations
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmentally hazardous:	-
Special precautions for user:	-
Further information: -	

SECTIO	SECTION 15. Regulatory information				
15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture				
	EU regulations				



Page 15 of 16

Trading name:		ACRIDINE ORANGE	SOLUTION	<u> </u>	
Product code:	AOA-OT-X**	Date of compilation:	26 June 2019	Version:	4

	Authorization and/or rest	
	Authorizations:	-
	Restrictions:	-
		EC Regulation No. 1906/2007 and EC Regulation No. 1272/2008 of the European Parliament and the European Council;
		Regulation (EC) No. 1907/2006 of the European Parliament and Council on registration, evaluation, authorization and restriction of chemical substance (REACH);
	Other EU regulations:	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;
		Directive 2008/98/EC of the European Parliament and Council of 19 November 2008 on waste and repealing certain Directives
	Information according 19 guideline)	99/13/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
5.2	Chemical safety assessme	ent
	None	

SECTIO	SECTION 16. Other information				
16.1	Indication of changes:	–			
		PBT	Stable, bioaccumulative and toxic		
		vPvB	Strongly stable and strongly bioaccumulative.		
16.2	Abbreviations and acronyms:	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 used to derive the classification for mixture according to Regularization (CLP)			classification for mixture according to Regulation (EC)		
Classification		Classification procedure			
-		_			
16.5.	6.5. Relevant H statements (number and full text)				



Page 16 of 16

Trading name:		ACRIDINE ORANGE	SOLUTION		
Product code:	AOA-OT-X**	Date of compilation:	26 June 2019	Version:	4

	H: H341	Suspected of causing genetic defects.
16.6.	Training advice:	-
		** "X" in the product code marks different volumes (different packagings of the product)
16.7.	Further information:	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
-	