

	(CLP)	
Printing date 03.02.2023	Version number 4 (replaces version 3)	Revision: 03.02.2023
	on of the substance/mixture and of the compa	ny/undertaking
1.1 Product identifier		
Trade name: NOSOFLC	DOR	
No further relevant inform Application of the subs		vised against
Manufacturer/Supplier: MEDALKAN	.C. 11528, Athens, Greece 210 7772009 an.gr .com	
European Eme	rgency Tel.: 112	
SECTION 2: Hazards id	lentification	
2.1 Classification of the Classification accordin	e substance or mixture ig to Regulation EC No 1272/2008 CLP:	
GHS05 corrosic	on	
	Causes severe skin burns and eye damage. Causes serious eye damage.	
GHS09 environ	ment	
•	Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.	
GHS07		
Acute Tox. 4 H302	Harmful if swallowed.	
	Regulation EC No 1272/2008 CLP: and labelled according to the CLP regulation.	
		(Contd. on page 2) EN



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Hazard pictograms:



Signal word: Danger

# Hazard-determining components of labelling:

N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine didecyldimethylammonium chloride Isotridecanol, ethoxylated

#### Hazard statements:

H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H410 Very toxic to aquatic life with long lasting effects.

## Procentionary statements

Precautionary sta	litements
P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P264	Wash thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/ international regulations.
2.3 Other hazards	
<b>Results of PBT an</b>	nd vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

SECTION 3: Composition/info	rmation on ingredients	
3.2 Mixtures Description: Mixture: consisting	g of the following components.	
Ingredients according Regula	tion (EU) 2020/878:	
CAS: 2372-82-9 EINECS: 219-145-8	N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine Acute Tox. 3, H301; STOT RE 2, H373; Skin Corr. 1C, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1)	≥5-<10%
		(Contd. on page 3)



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CAS: 7173-51-5 EINECS: 230-525-2 Index number: 612-131-00-6	didecyldimethylammonium chloride Skin Corr. 1B, H314; () Acute Tox. 4, H302	(Contd. of page 2) ≥3-<5%
CAS: 69011-36-5 NLP: 500-241-6	Isotridecanol, ethoxylated Eye Dam. 1, H318;  Acute Tox. 4, H302; Acute Tox. 4, H312	≥3-<5%
CAS: 67-63-0 EINECS: 200-661-7 Index number: 603-117-00-0 Reg.nr.: 01-2119457558-25- XXXX	propan-2-ol Flam. Liq. 2, H225;	≥1-<2.5%

Additional information: For the wording of the listed hazard phrases refer to section 16.

#### **SECTION 4: First aid measures**

#### 4.1 Description of first aid measures

#### **General information:**

Immediately remove any clothing soiled by the product.

Take affected persons out into the fresh air.

In all cases call a doctor

#### After inhalation:

If breathing is difficult, remove to fresh air. Restore breathing. Keep warm and quiet. In case of unconsciousness place patient stably in side position for transportation. Seek medical treatment in case of complaints.

#### After skin contact:

Immediately wash with water and soap and rinse thoroughly.

Wash contaminated clothing before use.

If skin irritation continues, consult a doctor.

#### After eye contact:

Rinse opened eye for at least 15 minutes under running water.

Remove contact lenses and continue rinsing for several minutes

Call a doctor immediately.

Avoid strong water jet-risk of cornea damage, consult a doctor.

#### After swallowing:

Drink plenty of water and provide fresh air. Call for a doctor immediately. Do not induce vomiting: call for medical help immediately.

Never give anything by mouth to an unconscious person.

**4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

**4.3 Indication of any immediate medical attention and special treatment needed** No further relevant information available.

#### **SECTION 5: Firefighting measures**

## 5.1 Extinguishing media

**Suitable extinguishing agents:** CO2, powder or water spray. Fight larger fires with water spray. **5.2 Special hazards arising from the substance or mixture** No further relevant information available.

(Contd. on page 4)

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Printing date 03.02.2023 Version number 4 (replaces version 3) Revision: 03.02.2023 Trade name: NOSOFLOOR (Contd. of page 3) 5.3 Advice for firefighters **Protective equipment:** Self contained breathing apparatus and full protective clothing must be worn in case of fire. Additional information Collect contaminated fire fighting water separately. It must not enter the sewage system. **SECTION 6: Accidental release measures** 6.1 Personal precautions, protective equipment and emergency procedures: Avoid contact with skin and eyes. Avoid inhalation of vapors. Ensure adequate ventilation. Wear protective clothing. 6.1.1 For non-emergency personnel Use personal protective equipment. Avoid contact with dripping or leaking material 6.1.2 For emergency responders Wear protective equipment. Keep unprotected persons away. First-aid responders must wear protectice clothing, gloves, goggles and respiratory device with filter type A. 6.2 Environmental precautions: Do not allow to penetrate the ground/soil. Do not allow to enter sewers/ surface or ground water. 6.3 Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust, silica gel). Dispose contaminated material as waste according to item 13. Send for recovery or disposal in suitable receptacles. 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 information. **SECTION 7: Handling and storage** 7.1 Precautions for safe handling Open and handle receptacle with care. Avoid contact with skin, eyes and clothing. Avoid inhaling vapors. Wash contaminated clothing before reuse. Do not eat, drink or smoke during the usage of the product. Wash your hands and face in the break. Information about fire - and explosion protection: Keep away from heat, sparks, open flames and hot surfaces. 7.2 Conditions for safe storage, including any incompatibilities Storage: Store in cool, dry conditions in well sealed receptacles. Requirements to be met by storerooms and receptacles: Store in a cool location. Prevent any seepage into the ground.

(Contd. on page 5)



	()	
nting date 03.02.2023	Version number 4 (replaces version 3)	Revision: 03.02.202
de name: NOSOFLO	OR	
Further information Store under lock and Protect from heat and	orage in one common storage facility: Store away about storage conditions: key and out of the reach of children. direct sunlight. (s) No further relevant information available.	(Contd. of page y from oxidising agents.
SECTION 8: Exposu	e controls/personal protection	
8.1 Control paramet	ers	
Ingredients with lim	t values that require monitoring at the workplace	):
CAS: 57-55-6 Propar	·	
	ong-term value: 474* 10** mg/m <sup>3</sup> , 150* ppm	
CAS: 67-63-0 propar	total vapour and particulates **particulates	
	Short-term value: 1250 mg/m <sup>3</sup> , 500 ppm	
	Long-term value: 999 mg/m <sup>3</sup> , 400 ppm	
Consumers Long-term systemic e		
8.2.1. Appropriate ei	gineering controls Provide adequate ventilation.	
General protective a Avoid contact with ski Do not breathe vapou Do not eat, drink or si Be sure to clean skin Remove contaminate	rs or mists. noke while using the product. thoroughly after work and before breaks. d clothes and wash before reusing them. stuffs, beverages and feed.	ent
	ief exposure or low pollution use respiratory filter de posure use self-contained respiratory protective devi	
		(Contd. on pag

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Hand protection

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#### Trade name: NOSOFLOOR

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Protective gloves resistant to chemicals (standard EN 374-1)

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

#### Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

#### Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

#### Eye/face protection



Tightly sealed goggles (EN 166).

#### **Body protection:**



Chemically resistant, protective work clothing (EN 14605) and boots.

#### **Environmental exposure controls**

Dispose of flushing liquids in accordance with local and national regulations.

#### **SECTION 9: Physical and chemical properties**

9.1 Information on basic physica	I and chemical properties	
General Information		
Physical state	Liquid	
Colour:	Pink	
Odour:	Aromatic	
Odour threshold:	Not determined	
Melting point/freezing point:	Not determined	
Boiling point or initial boiling poi	int and	
boiling range	Not determined	
Flammability	Not applicable	
Lower and upper explosion limit		
Lower:	Not determined	
		(O

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Corrosive to metals

### Safety data sheet complying with Regulation 1907/2006/EC (REACH Regulation), EU 2020/878 and Regulation No 1272/2008/EC (CLP)

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Trade name: NOSOFLOOR (Contd. of page 6) Upper: Not determined Flash point: Not Flammable Auto-ignition temperature: Not determined **Decomposition temperature:** Not determined pH at 20 °C 10.8-11.2 Viscosity: **Kinematic viscosity** Not determined **Dynamic:** Not determined Solubility water: Not determined Partition coefficient n-octanol/water (log value) Not determined Vapour pressure: Not determined Density and/or relative density **Density:** Not determined **Relative density** Not determined Vapour density Not determined 9.2 Other information **Appearance:** Form: Liquid Important information on protection of health and environment, and on safety. Auto-ignition temperature: Product is not selfigniting. **Explosive properties:** Product does not present an explosion hazard. Cloud point / clarification point: **Oxidising properties** Not oxidising **Evaporation rate** Not determined Information with regard to physical hazard classes **Explosives** Void Flammable gases Void Aerosols Void **Oxidising gases** Void Gases under pressure Void **Flammable liquids** Void Flammable solids Void Self-reactive substances and mixtures Void **Pyrophoric liquids** Void **Pyrophoric solids** Void Self-heating substances and mixtures Void Substances and mixtures, which emit flammable gases in contact with water Void **Oxidising liquids** Void **Oxidising solids** Void **Organic peroxides** Void

Void

(Contd. on page 8)



ng date 03.02.2023 Version number 4 (replaces version 3) Revision: 03.02.2023	Printing date 03.02.2023 V
name: NOSOFLOOR	Trade name: NOSOFLOOR
(Contd. of page 7)	Desensitised explosives
CTION 10: Stability and reactivity	SECTION 10: Stability and r
.1 Reactivity No further relevant information available.	10.1 Reactivity No further rel
ermal decomposition / conditions to be avoided Stable at environment temperature.	10.2 Chemical stability Thermal decomposition / co
<b>.3 Possibility of hazardous reactions</b> No dangerous reactions known.	
4 Conditions to avoid Avoid heat, flames, sparks, other sources of ignition.	
<b>.5 Incompatible materials</b> Oxidizing agents <b>.6 Hazardous decomposition products</b> No dangerous decomposition products known.	
CTION 11: Toxicological information	SECTION 11, Toxicological
.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008	$\sim$
eute toxicity Harmful if swallowed.	
0/LC50 values relevant for classification:	•
E (Acute Toxicity Estimates)	ATE (Acute Toxicity Estimat
ermal LD50 50,000 mg/kg (rabbit)	Dermal LD50
AS: 2372-82-9 N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	CAS: 2372-82-9 N-(3-aminop
al LD50 261 mg/kg (rat)	Oral LD50
ermal LD50 >600 mg/kg (rat)	Dermal LD50
AS: 7173-51-5 didecyldimethylammonium chloride	
5 5 ( )	
AS: 69011-36-5 Isotridecanol, ethoxylated	
, , , ,	
	Inhalative LC50/4 h (vapour)
•••	CAS: 67-63-0 propan-2-ol
ermal LD50 13,900 mg/kg (rabbit) nalative LC50/4 h (vapour) 30 mg/l (rat)	
in corrosion/irritation Causes severe skin burns and eye damage.	· · · · ·
rious eye damage/irritation Causes serious eye damage.	
spiratory or skin sensitisation Based on available data, the classification criteria are not met.	Respiratory or skin sensitis
rm cell mutagenicity Based on available data, the classification criteria are not met.	• •
<b>rcinogenicity</b> Based on available data, the classification criteria are not met. <b>productive toxicity</b> Based on available data, the classification criteria are not met.	•
<b>OT-single exposure</b> Based on available data, the classification criteria are not met.	
<b>OT-repeated exposure</b> Based on available data, the classification criteria are not met.	STOT-repeated exposure Ba
piration hazard Based on available data, the classification criteria are not met.	
Iditional toxicological information: peated dose toxicity Based on available data, the classification criteria are not met.	-
(Contd. on page 9) (Contd. on page 9)	reported door tonicity Dast



nting date 03	.02.2023	Version number 4 (replaces version 3)	Revision: 03.02.202
de name: NC	SOFLOOR		
11.2 Informa	tion on oth	er hazards	(Contd. of page
Endocrine d			
None of the i		-	
SECTION 12	· Ecologica	information	
12.1 Toxicity			
Aquatic toxi	·		
•	•	inopropyl)-N-dodecylpropane-1,3-diamine	
LC50 (96h)	0.431 mg/l		
EC10	0.0095 mg/	· · ·	
		(g (Corophium volutator)	
· · · ·		Chironomus riparius)	
CAS: 67-63-	•••		
EC50 (72h)			visity Teet
· · ·		0 mg/l (Pimephales promelas) (Fish, Acute Tox	• /
( )		Daphnia magna) (Daphnia sp. Acute Immobilis	sation rest)
12.2 Persist			
(CAS: 67-63- BOD 5: 53 %		01	
ThOD: 72 %	)		
12.3 Bioacci	umulative p	otential	
(CAS: 67-63-			
		anol/water: 0,05	
		cted (log Pow < 1).	
		urther relevant information available.	
		vPvB assessment	
<b>PBT:</b> Not appresent the second secon			
		ng properties	
		tain substances with endocrine disrupting prop	erties.
12.7 Other a			
Remark:			
Very toxic for			
Toxic for fish			
Additional e General not		iormation:	
		rman Regulation) (Self-assessment): slightly h	azardous for water
		ater or drainage ditch undiluted or unneutralise	
		id plankton in water bodies.	
The product	contains ma	erials that are harmful to the environment.	
Very toxic for			
		nts into drains or the aquatic environment may I	
		quatic organisms. In the dilution of the use-leve that after the use of the product the aqueous w	
only low wate			asie, emplied into dialits, i
english hat			F



Printing date 03.02.2023 Version number 4 (replaces version 3) Revision: 03.02.2023 Trade name: NOSOFLOOR (Contd. of page 9) **SECTION 13: Disposal considerations** 13.1 Waste treatment methods **Recommendation** Dispose according to National Regulations. Must not be disposed together with household garbage. Do not allow product to reach sewage system. Contact manufacturer for recycling information. European waste catalogue HP6 Acute Toxicity HP8 Corrosive HP14 Ecotoxic **Uncleaned packaging: Recommendation:** Disposal must be made according to official regulations. **SECTION 14: Transport information** 14.1 UN number or ID number ADR, IMDG, IATA UN1903 14.2 UN proper shipping name ADR 1903 DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (N-(3-aminopropyl)-N-dodecylpropane-1,3diamine, didecyldimethylammonium chloride), ENVIRONMENTALLY HAZARDOUS IMDG DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine, didecyldimethylammonium chloride), MARINE POLLUTANT ΙΑΤΑ DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine, didecyldimethylammonium chloride) 14.3 Transport hazard class(es) ADR, IMDG Class 8 Corrosive substances. (Contd. on page 11)



ade name: NOSOFLOOR	
Label	(Contd. of page
ΙΑΤΑ	
A CONTRACTOR OF A CONTRACTOR O	
Class	8 Corrosive substances.
Label	8
14.4 Packing group	
ADR, IMDG, IATA	
14.5 Environmental hazards:	Environmental Hazardous
Marine pollutant:	Yes Symbol (fish and tree)
Special marking (ADR):	Symbol (fish and tree)
14.6 Special precautions for user	Warning: Corrosive substances.
Hazard identification number (Kemler code):	
EMS Number:	F-A,S-B
Stowage Category	В
14.7 Maritime transport in bulk according to	Net ever l'estels
IMO instruments	Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E1
	Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000
Transport category	3
Tunnel restriction code	Ē
IMDG	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E1
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 1000
UN "Model Regulation":	UN 1903 DISINFECTANT, LIQUID, CORROSIVE N.O.S. (N-(3-AMINOPROPYL)-N-
	DODECYLPROPANE-1,3-DIAMINE,
	DIDECYLDIMETHYLAMMONIUM CHLORIDE), 8
	III, ENVIRONMENTALLY HAZARDOUS

## **SECTION 15: Regulatory information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture** REACH Regulation 1907/2006/EC Regulation (EU) 2020/878

CLP Regulation 1272/2008/EC

(Contd. on page 12)



Printing date 03.02.2023	Version number 4 (replaces version 3)	Revision: 03.02.202
Trade name: NOSOFLOOR		
Directive 98/24/EC on the chemicals agents at work	e protection of health and safety of workers from	(Contd. of page 1 the risks related to
Council Directive 94/33/E Directive 92/85/EEC on t	C on the protection of young people at work, as a ne introduction of measures to encourage improv nt workers and workers who have recently given b	rements in the safety and
Directive 2012/18/EU Seveso category E1 Ha	zardous to the Aquatic Environment	
Qualifying quantity (tor	nes) for the application of lower-tier requirem nes) for the application of upper-tier requirem 1907/2006 ANNEX XVII Conditions of restriction:	nents 200 t
Regulation (EU) No 649	/2012	
CAS: 7173-51-5 didecyld	limethylammonium chloride	Annex I Part 1
DIRECTIVE 2011/65/EU electrical and electronic	on the restriction of the use of certain hazard c equipment – Annex II	ous substances in
None of the ingredients is	s listed.	
<b>REGULATION (EU) 2019</b>	9/1148	
Annex I - RESTRICTED licensing under Article	EXPLOSIVES PRECURSORS (Upper limit valu 5(3))	le for the purpose of
None of the ingredients is	s listed.	
Annex II - REPORTABL	E EXPLOSIVES PRECURSORS	
None of the ingredients is	s listed.	
Regulation (EC) No 273	/2004 on drug precursors	
None of the ingredients is	s listed.	
	/2005 laying down rules for the monitoring of ountries in drug precursors	trade between the
None of the ingredients is	s listed.	
National regulations:		
Other regulations, limit	ations and prohibitive regulations	
Substances of very hig	h concern (SVHC) according to REACH, Article	e 57
It doesn't contain substar	nces of very high concern (SVHC).	
15.2 Chemical safety as	sessment: A Chemical Safety Assessment has	not been carried out.
SECTION 16: Other info	rmation	
This information is based	on our present knowledge. However, this shall n eatures and shall not establish a legally valid cont	
Relevant phrases		
H225 Highly flammable li	quid and vapour.	
H301 Toxic if swallowed.		

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.



Skin corrosion/irritation ba	cts. converting the product should be given to the
<ul> <li>H319 Causes serious eye irritation.</li> <li>H336 May cause drowsiness or dizziness.</li> <li>H373 May cause damage to organs through prolong</li> <li>H400 Very toxic to aquatic life.</li> <li>H410 Very toxic to aquatic life with long lasting effect</li> <li>Training hints</li> <li>Suitable training on safety in handling, storing and cemployees based on all the existing information.</li> <li>Classification according to Regulation (EC) No</li> <li>Acute toxicity - oral</li> <li>Skin corrosion/irritation</li> <li>Hazardous to the aquatic environment - shortterm (acute) aquatic hazard</li> <li>Hazardous to the aquatic environment - longterm (chronic) aquatic hazard</li> <li>Department issuing SDS:</li> <li>SUSTCHEM S.A.</li> </ul>	ged or repeated exposure. cts. converting the product should be given to the 1272/2008 he classification of the mixture is generally ased on the calculation method using substance
Acute toxicity - oral T Skin corrosion/irritation ba Serious eye damage/irritation da Hazardous to the aquatic environment - short- term (acute) aquatic hazard Hazardous to the aquatic environment - long- term (chronic) aquatic hazard <b>Department issuing SDS:</b> <b>SUST</b> SUSTCHEM S.A.	he classification of the mixture is generally ased on the calculation method using substance
Acute toxicity - oral T Skin corrosion/irritation ba Serious eye damage/irritation da Hazardous to the aquatic environment - short- term (acute) aquatic hazard Hazardous to the aquatic environment - long- term (chronic) aquatic hazard Department issuing SDS: SUST SUSTCHEM S.A.	he classification of the mixture is generally ased on the calculation method using substance
SUSTCHEM S.A.	
Version number of previous version: 3 Abbreviations and acronyms: ADR: Accord relatif au transport international des marchandise the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labell EINECS: European Inventory of Existing Commercial Chemica ELINCS: European Inventory of Existing Commercial Chemica ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Ch DNEL: Derived No-Effect Level (REACH) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic SVHC: Substances of Very High Concern vPvB: very Persistent and very Bioaccumulative Flam. Liq. 2: Flammable liquids – Category 2 Acute Tox. 3: Acute toxicity – Category 4 Skin Corr. 1B: Skin corrosion/irritation – Category 1B Skin Corr. 1C: Skin corrosion/irritation – Category 1 Eye Dam. 1: Serious eye damage/eye irritation – Category 2 STOT SE 3: Specific target organ toxicity (single exposure) – C STOT RE 2: Specific target organ toxicity (repeated exposure)	ling of Chemicals I Substances emical Society) Category 3