Biotin-SP-conjugated AffiniPure™ F(ab')₂ Fragment Goat

Anti-Mouse IgG, F(ab')₂ Fragment Specific

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830



Version: 3.1

Date of issue: 26/04/2024

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier	
Product Form	: Mixture
Product Name	: Biotin-SP-conjugated AffiniPure™ F(ab') ₂ Fragment Goat Anti-Mouse IgG, F(ab') ₂
	Fragment Specific
Product Code	: 115-066-006
1.2. Relevant identified uses of the su	ibstance or mixture and uses advised against
1.2.1. Relevant identified uses	-
Use of the substance/mixture	: For in vitro research use only. Not for diagnostic or therapeutic use. This is not a
	medical device. Contact supplier for specific applications.
1.2.2. Uses advised against	
No additional information available	
1.3. Details of the supplier of the	safety data sheet
Manufacturer	European Contact
Jackson ImmunoResearch Laboratories,	Inc. Jackson ImmunoResearch Europe LTD
872 West Baltimore Pike	Cambridge House
West Grove, PA 19390	St Thomas' Place
T: 800-367-5296, 610-869-4024	Ely, Cambridgeshire CB7 4EX, UK
F: 610-869-0171	T: +44 (0) 1638 782616
tech@jacksonimmuno.com	F: +44 (0) 1353 664675
www.jacksonimmuno.com	info@jacksonimmuno.com
	help@jacksonimmuno.com
Email address for the person responsible	e for this SDS:
tech@jacksonimmuno.com	
1.4. Emergency telephone numbe	۲ ۲

- .	-	
Emergency number	:	+1-610-869-4024 (USA)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classifica	ation A	ccording t	o Regulation (EC)	No. 1272/2008
Aquati	c Chro	nic3		H412

Full text of hazard classes and H-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling According to Regulation (EC) No. 1272/2008 [CLP]

H412 - Harmful to aquatic life with long lasting effects.
P273 - Avoid release to the environment.
P501 - Dispose of contents/container to hazardous or special waste collection
point, in accordance with local, regional, national and/or international
regulation.
EUH032 - Contact with acids liberates very toxic gas.

[CLP]

2.3. Other hazards



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Other hazards not contributing to the : Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

classification

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification According to Regulation (EC) No. 1272/2008 [CLP]
Sodium azide	(CAS-No.) 26628-22-8 (EC-No.) 247-852-1 (EC Index-No.) 011-004-00-7	0.54	Acute Tox. 2 (Oral), H300 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Sodium phosphate dibasic	(CAS-No.) 7558-79-4 (EC-No.) 231-448-7	1.51	Not classified
Biotin-SP-conjugated AffiniPure™ F(ab') ₂ Fragment Goat Anti-Mouse IgG, F(ab') ₂ Fragment Specific	(CAS-No.) Not assigned	1.60	Not classified
Sodium chloride	(CAS-No.) 7647-14-5 (EC-No.) 231-598-3	15.7	Not classified
Albumins, blood serum	(CAS-No.) 9048-46-8 (EC-No.) 232-936-2	16.13	Not classified

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). First-aid measures after inhalation : Using proper respiratory protection, move the exposed person to fresh air at once. Immediately call a poison center, physician, or emergency medical service. First-aid measures after skin contact : Remove contaminated clothing. Drench affected area with water for at least 5 minutes. Obtain medical attention if irritation develops or persists. First-aid measures after eye contact : Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists. First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain medical attention. Most important symptoms and effects, both acute and delayed 4.2. Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use. Symptoms/effects after inhalation : May be harmful or cause irritation. Symptoms/effects after skin contact : Prolonged exposure may cause skin irritation. Symptoms/effects after eye contact : May cause slight irritation to eyes. Symptoms/effects after ingestion : Ingestion may cause adverse effects. May be harmful if swallowed. Chronic symptoms : None expected under normal conditions of use.

4.3. Indication of any immediate medical attention and special treatment needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

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SECTION 5: Firefight	ing measures
5.1. Extinguishing medi	
Suitable extinguishing media	
	Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing me	
	s arising from the substance or mixture
Fire hazard	: Not Assigned
Reactivity	: Sodium azide in water is a weak base. Reacts with copper, lead, silver, mercury,
Reactivity	and carbon disulfide to form shock-sensitive compounds. Reacts with acids,
	forming toxic and explosive hydrogen azide. Contact with acids liberates toxic
	gas.
Hazardous decomposition pr	
case of fire	
5.3. Advice for fire	fighters
Precautionary measures fire	: Exercise caution when fighting any chemical fire.
Firefighting instructions	: Use water spray or fog for cooling exposed containers.
Protection during firefighting	
	protection.
SECTION 6: Accident	
	ns, protective equipment and emergency procedures
General measures	: Avoid prolonged contact with eyes, skin and clothing.
6.1.1. For non-emergency p	
Protective equipment	: Use appropriate personal protective equipment (PPE).
Emergency procedures	: Evacuate unnecessary personnel.
6.1.2. For emergency respo	
Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Upon arrival at the scene, a first responder is expected to recognize the presence
	of dangerous goods, protect oneself and the public, secure the area, and call for
	the assistance of trained personnel as soon as conditions permit. Ventilate area.
6.2. Environmental pres	
	: Prevent entry to sewers and public waters. Avoid release to the environment.
6.3. Methods and mate	rial for containment and cleaning up
For containment	: Contain solid spills with appropriate barriers and prevent migration and entry
	into sewers or streams.
Methods for cleaning up	: Clean up spills immediately and dispose of waste safely. Contact competent
5.	authorities after a spill.
6.4. Reference to other	sections
See Section 8 for exposure con	trols and personal protection and Section 13 for disposal considerations.
SECTION 7: Handling	
7.1. Precautions for safe	
Precautions for safe handlin	•
i recautions for sale national	b wash hands and other exposed areas with hind soap and water before eating,

7.2. Conditions for safe s	torage, including any incompatibilities
Hygiene measures	: Handle in accordance with good industrial hygiene and safety procedures.
	skin and clothing.
	drinking or smoking and when leaving work. Avoid prolonged contact with eyes,
	······································

: Comply with applicable regulations. Technical measures



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Storage conditions	: Keep container closed when not in use. Store at 2-8°C (35°F - 46.4°F). Keep/Store
	away from extremely high temperatures and incompatible materials.
Incompatible materials	: Strong acids, strong bases, strong oxidizers. Heavy metals. Halogenated
	hydrocarbons.

7.3. Specific end use(s)

For in vitro research use only. Not for diagnostic or therapeutic use. This is not a medical device. Contact supplier for specific applications.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Sodium chloride (7647-14-5	5)	
Latvia	OEL TWA (mg/m³)	5 mg/m ³
Lithuania	IPRV (mg/m ³)	5 mg/m ³
Sodium azide (26628-22-8)		
EU	IOELV TWA (mg/m ³)	0,1 mg/m ³
EU	IOELV STEL (mg/m ³)	0,3 mg/m³
EU	Notes	Possibility of significant uptake through the skin
Austria	MAK (mg/m³)	0,1 mg/m ³
Austria	MAK Short time value (mg/m³)	0,3 mg/m ³
Austria	OEL chemical category (AT)	Skin notation
Belgium	OEL chemical category (BE)	Skin, Skin notation
Bulgaria	OEL TWA (mg/m³)	0,1 mg/m ³
Bulgaria	OEL STEL (mg/m ³)	0,3 mg/m ³
Croatia	GVI (granicna vrijednost izloženosti) (mg/m³)	0,1 mg/m³
Croatia	KGVI (kratkotrajna granicna vrijednost izloženosti) (mg/m³)	0,3 mg/m³
Croatia	OEL chemical category (HR)	Skin notation
Cyprus	OEL TWA (mg/m³)	0,1 mg/m ³
Cyprus	OEL STEL (mg/m ³)	0,3 mg/m ³
Cyprus	OEL chemical category (CY)	Skin-potential for cutaneous absorption
France	VLE (mg/m ³)	0,3 mg/m ³ (restrictive limit)
France	VME (mg/m³)	0,1 mg/m ³ (restrictive limit)
France	OEL chemical category (FR)	Risk of cutaneous absorption
Germany	TRGS 900 Occupational exposure limit value (mg/m ³)	0,2 mg/m ³
Gibraltar	Eight hours mg/m3	0,1 mg/m ³
Gibraltar	Short-term mg/m3	0,3 mg/m ³
Gibraltar	OEL chemical category (GI)	Skin notation
Greece	OEL TWA (mg/m³)	0,3 mg/m ³
Greece	OEL TWA (ppm)	0,1 ppm



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Greece	OEL STEL (mg/m ³)	0,3 mg/m³
Greece	OEL STEL (ppm)	0,1 ppm
USA ACGIH	ACGIH Ceiling (mg/m ³)	0,29 mg/m ³
USA ACGIH	ACGIH Ceiling (ppm)	0,11 ppm
Italy	OEL TWA (mg/m ³)	0,1 mg/m³
Italy	OEL STEL (mg/m ³)	0,3 mg/m ³
Italy	OEL chemical category (IT)	skin - potential for cutaneous absorption
Latvia	OEL TWA (mg/m ³)	0,1 mg/m³
Latvia	OEL chemical category (LV)	skin - potential for cutaneous exposure
Spain	VLA-ED (mg/m³)	0,1 mg/m ³ (indicative limit value)
Spain	VLA-EC (mg/m ³)	0,3 mg/m ³
Spain	OEL chemical category (ES)	skin - potential for cutaneous absorption
Switzerland	KZGW (mg/m³)	0,4 mg/m³ (inhalable dust)
Switzerland	MAK (mg/m³)	0,2 mg/m³ (inhalable dust)
Netherlands	Grenswaarde TGG 8H (mg/m³)	0,1 mg/m³
Netherlands	Grenswaarde TGG 15MIN (mg/m³)	0,3 mg/m ³
United Kingdom	WEL TWA (mg/m³)	0,1 mg/m³
United Kingdom	WEL STEL (mg/m ³)	0,3 mg/m ³
United Kingdom	WEL chemical category	Potential for cutaneous absorption
Czech Republic	Expozicní limity (PEL) (mg/m³)	0,1 mg/m ³
Czech Republic	OEL chemical category (CZ)	Potential for cutaneous absorption
Denmark	Grænseværdie (langvarig) (mg/m³)	0,1 mg/m³
Estonia	OEL TWA (mg/m³)	0,1 mg/m³
Estonia	OEL STEL (mg/m ³)	0,3 mg/m³
Estonia	OEL chemical category (ET)	Sensitizer, Skin notation
Finland	HTP-arvo (8h) (mg/m³)	0,1 mg/m ³
Finland	HTP-arvo (15 min)	0,3 mg/m³
Finland	OEL chemical category (FI)	Potential for cutaneous absorption
Hungary	AK-érték	0,1 mg/m³
Hungary	CK-érték	0,3 mg/m³
Ireland	OEL (8 hours ref) (mg/m ³)	0,1 mg/m³
Ireland	OEL (15 min ref) (mg/m3)	0,3 mg/m ³
Ireland	OEL chemical category (IE)	Potential for cutaneous absorption
Lithuania	IPRV (mg/m³)	0,1 mg/m ³
Lithuania	TPRV (mg/m³)	0,3 mg/m ³
Lithuania	OEL chemical category (LT)	Skin notation
Luxembourg	OEL TWA (mg/m³)	0,1 mg/m ³
Luxembourg	OEL STEL (mg/m ³)	0,3 mg/m ³



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Luxembourg	OEL chemical category (LU)	Possibility of significant uptake through the skin
Malta	OEL TWA (mg/m³)	0,1 mg/m³
Malta	OEL STEL (mg/m ³)	0,3 mg/m³
Malta	OEL chemical category (MT)	Possibility of significant uptake through the skin
Norway	Grenseverdier (AN) (mg/m ³)	0,1 mg/m³
Norway	Grenseverdier (Korttidsverdi) (mg/m3)	0,3 mg/m ³ (value from the regulation)
Poland	NDS (mg/m ³)	0,1 mg/m³
Poland	NDSCh (mg/m ³)	0,3 mg/m ³
Romania	OEL TWA (mg/m³)	0,1 mg/m ³
Romania	OEL STEL (mg/m ³)	0,3 mg/m³
Romania	OEL chemical category (RO)	Skin notation
Slovakia	NPHV (priemerná) (mg/m³)	0,1 mg/m³ (Sodium azide)
Slovakia	NPHV (Hranicná) (mg/m³)	0,3 mg/m³
Slovakia	OEL chemical category (SK)	Potential for cutaneous absorption
Slovenia	OEL TWA (mg/m³)	0,1 mg/m³
Slovenia	OEL STEL (mg/m ³)	0,3 mg/m ³
Slovenia	OEL chemical category (SL)	Potential for cutaneous absorption
Sweden	nivågränsvärde (NVG) (mg/m³)	0,1 mg/m³
Sweden	kortidsvärde (KTV) (mg/m³)	0,3 mg/m ³
Portugal	OEL TWA (mg/m³)	0,1 mg/m ³ (indicative limit value)
Portugal	OEL STEL (mg/m ³)	0,3 mg/m ³ (indicative limit value)
Portugal	OEL - Ceilings (mg/m³)	0,29 mg/m ³
Portugal	OEL - Ceilings (ppm)	0,11 ppm (vapor)
Portugal	OEL chemical category (PT)	A4 - Not Classifiable as a Human Carcinogen,skin - potential for cutaneous exposure indicative limit value

8.2. Exposure controls

Appropriate engineering controls

Personal protective equipment

Materials for protective clothing Hand protection Eye and Face Protection Skin and body protection Suitable eye/body wash equipment should be available in the vicinity of any potential exposure. Ensure all national/local regulations are observed.
Gloves. Protective clothing. Protective goggles.



- : Chemically resistant materials and fabrics.
- : Wear protective gloves.
- : Chemical safety goggles.
- : Wear suitable protective clothing.



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Respiratory protection	: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory
	protection.
Other information	: When using, do not eat, drink or smoke.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

9.1. Information on basic physical and chemical properties			properties
Physical sta	ite	:	Solid
Colour		:	Light tan solid
Odour		:	Odourless, as water
Odour thres	hold	:	No data available
рН		:	7.6, when rehydrated with indicated volume of H_2O
Evaporation	nrate	:	No data available
Melting poin	nt	:	No data available
Freezing poi	nt	:	No data available
Boiling poir	nt	:	No data available
Flash point		:	No data available
Auto-ignitio	n temperature	:	No data available
Decomposit	ion temerature	:	No data available
Flammabili	ty (solid, gas)	:	No data available
Vapour pres	ssure	:	No data available
Relative vap	oour density at 20 °C	:	No data available
Relative der	nsity	:	No data available
Solubility		:	Water
Partition co	efficent: n-octanol/water	:	No data available
Viscosity		:	No data available
Explosive pr	roperties	:	No data available
Oxidising p	roperties	:	No data available
Explosiveli	mits	:	No data available
a.aa.i.			

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Sodium azide in water is a weak base. Reacts with copper, lead, silver, mercury, and carbon disulfide to form shock-sensitive compounds. Reacts with acids, forming toxic and explosive hydrogen azide. Contact with acids liberates toxic gas.

10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Extremely high temperatures, and incompatible materials. Sparks, heat, open flame and other sources of ignition.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizers. Heavy metals. halogenated hydrocarbons.

10.6. Hazardous decomposition products

Sodium oxides. Hydrogen chloride gas. Nitrogen oxides.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

: Not classified

Sodium chloride (7647-14-5)	
LD50 oral rat	3550 mg/kg (Species: Wistar)
LD50 dermal rabbit	> 10000 mg/kg (Species: New Zealand White)
LC50 inhalation rat (mg/l)	>42 g/m ³ (Exposure time: 1 h)
Sodium azide (26628-22-8)	
LD50 oral rat	27 mg/kg
LD50 oral	45 mg/kg
LD50 dermal rabbit	20 mg/kg
Sodium phosphate dibasic (7558-79-4)	
LD50 oral rat	17 g/kg
LD50 dermal rat	>500 mg/kg (50% solution)
Skin corrosion/irritation Serious eye damage/irritation	 Not classified pH: 7,6 when rehydrated with indicated volume of H₂O Not classified pH: 7,6 when rehydrated with indicated volume of H₂O
Respiratory or skin sensitisation Germ cell mutagenicity Carcinogenicity	Not classifiedNot classifiedNot classified
Reproductive toxicity STOT-single exposure	: Not classified : Not classified : Not classified
Aspiration hazard	: Not classified
Symptoms/Injuries After Inhalation Symptoms/Injuries After Skin Contact Symptoms/Injuries After Eye Contact Symptoms/Injuries After Ingestion Chronic Symptoms	 May be harmful or cause irritation. Prolonged exposure may cause skin irritation. May cause slight irritation to eyes. Ingestion may cause adverse effects. May be harmful if swallowed. None expected under normal conditions of use.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general

: Harmful to aquatic life with long lasting effects.

Sodium chloride (7647-14-5)	
LC50 fish 1	5560 (5560 - 6080) mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flow-through])
EC50 Daphnia 1	1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	12946 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 Daphnia 2	340,7 (340,7 - 469,2) mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])



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NOEC chronic fish	252 mg/l (Species: Pimephales promelas)		
Sodium azide (26628-22-8)			
LC50 fish 1	0,8 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)		
LC50 fish 2	0,7 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)		
ErC50 (algae)	0,348 mg/l		
12.2. Persistence and degradabilit	ty		
Biotin-SP-conjugated AffiniPure™ F(ab')	2 Fragment Goat Anti-Mouse IgG, F(ab')2 Fragment Specific		
Persistence and degradability	Not established.		
12.3. Bioaccumulative potential	· · ·		
Biotin-SP-conjugated AffiniPure™ F(ab')	2 Fragment Goat Anti-Mouse IgG, F(ab')2 Fragment Specific		
Bioaccumulative potential	Not established.		
Sodium chloride (7647-14-5)			
BCF fish 1	(no bioaccumulation)		
12.4. Mobility in soil No additional information available			
12.5. Results of PBT and vPvB asse No additional information available	essment		
12.6. Other adverse effects			
Other information	: Avoid release to the environment.		
SECTION 13: Disposal considered and the second seco	derations		
13.1. Waste treatment methods			
Product/Packaging disposal	Dispose of contents/container in accordance with local, regional, national, and		
recommendations	international regulations.		
Ecology - waste materials	Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.		

SECTION 14: Transport Information

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued. In accordance with ADR / RID / IMDG / IATA / ADN

ADR		IMDG	ΙΑΤΑ	ADN	RID
14.1.	UN number				
Not reg	ulated for transp	port			
14.2.	UN proper sh	ipping name			
Not ap	plicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3.	Transport haz	ard class(es)			
Not ap	plicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4.	Packing group	p			
Not ap	plicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5.	Environment	al hazards			
Danger	ous for the	Dangerous for the	Dangerous for the	Dangerous for the	Dangerous for the



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Marine pollutant : No	environment : No	environment : No	environment : No	environment : No	environment : No
		Marine pollutant : No			

14.6. Special precautions for user

No additional information available

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture **15.1.1.** EU-Regulations

Contains no REACH substances with Annex XVII restrictions Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

 Sodium phosphate dibasic (7558-79-4)

 Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

 Sodium chloride (7647-14-5)

 Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

 Sodium azide (26628-22-8)

 Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

 Albumins, blood serum (9048-46-8)

 Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information		
Date of Preparation or Latest Revision	: 26/04/2024	
Data sources	: Information and data obtained and used in the authoring of this safety data sheet could come from database subscriptions, official government regulatory body websites, product/ingredient manufacturer or supplier specific information, and/or resources that include substance specific data and classifications according to GHS or their subsequent adoption of GHS.	
Other information	: According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830	

Full Text of H- and EUH-statements:

Acute Tox. 2 (Oral)	Acute toxicity (oral), Category 2
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
H300	Fatal if swallowed.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.



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H412	Harmful to aquatic life with long lasting effects.	
EUH032	Contact with acids liberates very toxic gas.	

Indication of Changes No additional information available

Abbreviations and Acronyms

ADN - European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways NDSch - Najwyzsze Dopusszcalne Stezenie Pulapowe ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Koad NDSch - Najwyzsze Dopusszcalne Stezenie Pulapowe ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Koad NDSch - Najwyzsze Dopusszcalne Stezenie Pulapowe ADF - European Agreement Concerning the International Carriage of Dangerous Goods by Koad NDSch - Najwyzsze Dopusszcalne Stezenie Chwilowe BCF - Bioconcentration Factor NDR - Neinsystians Ribinis Dydis BCF - Bioconcentration Factor NDF - Najwyzsze Dopussccalne Stezenie Chwilowe BDD - Biochemical Desposure Indices (BE) OEL - Occupational Exposure Limits BCD - Biochemical Abstracts Service Number PBT - Persistent, Bioaccomulation, Authorisation, and Restriction of CDD - Chemical Oxygen Demand Chemicals ECC - European Community SADT - Self Accelerating Decomposition Temperature SUBStances STEL - Short Term Exposure Limit EURCS - European Inventory of Existing Commercial Chemical SDD - Self Accelerating Decomposition Temperature SUBStances STEL - Short Term Exposure Limit EURS - European Union Term Set Reduction Growth Rate ThOD - Theoretical Oxigen Demand CHS - International	ACGIH – American Conference of Governmental Industrial Hygienists	NDS - Najwyzsze Dopuszczalne Stezenie
Dangerous Goods by Inland WaterwaysNDSP - Najwysze Dopuszczalne Stezenie PulapoweADR - European Agreement Concerning the International Carriage of Dangerous Goods by RoadNDAEL - No-Observed Adverse Effect LevelADR - European Agreement Concerning the International Carriage of Dangerous Goods by RoadNDEC - No-Observed Effect ConcentrationATE - Acute Toxicity EstimateNRD - Nevirsytinas Ribins DydisBEI - Biological Exposure Indices (BEI)OEL - Occupational Exposure LimitsBOD - Biochemical Oxgen DemandPEI - Pernissible Exposure LimitsCAS No Chemical Astracts Service NumberPEL - Pernissible Exposure LimitCD - Classification, Labeling and Packaging Regulation (EC) NoPH - Potential Hydrogen272/2008ChemicalsCC - Lorogean CommunityREACH - Registration, Evaluation, Authorisation, and Restriction of ChemicalsECS - Median Effective ConcentrationGoods by RailECS - European Inventory of Existing Commercial Chemical SubstancesSDS - Safety Data SheetSubstancesSTEL - Short Fem Exposure LimitEmS-No. (Fire) - IMDG Emergency Schedule SpillageTA-Luft - Technical Guidance ConcentrationsErG - European LonomicClassification and Labeling of TLM - Median Tolerance LimitErG - Caropean UnionTEL TRK - Technical Guidance ConcentrationsErG - Storogen UnionTEL TRK - Technical Guidance ConcentrationsErG - Caropean UnionTEL TRK - Technical Guidance ConcentrationsIARC - International Agrey for Research on CancerThOD - Theoretical Gyage DemandIARC - International JAir Transport AssociationTRG S510		
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ConcentrationWEL – Workplace Exposure LimitMARPOL - International Convention for the Prevention of PollutionWGK - Wassergefährdungsklasse	solvents, in this case octanol and water	VME – Valeur Limite De Moyenne Exposition
MARPOL - International Convention for the Prevention of Pollution WGK - Wassergefährdungsklasse	MAK – Maximum Workplace Concentration/Maximum Permissible	vPvB - Very Persistent and Very Bioaccumulative
	Concentration	WEL–Workplace Exposure Limit
EU GHS SDS	MARPOL - International Convention for the Prevention of Pollution	WGK - Wassergefährdungsklasse
	EU GHS SDS	

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.