Safety Data Sheet

according to Regulation (EU) 2015/830 Date of issue: 01/06/2022 Version: 0.0 Doc. No: SDS-936.037/2



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

: Substance

: Isooctane

1.1.Product identifierProduct formSubstance nameEC Index-No.EC-No.CAS-No.FormulaChemical structure

: 601-009-00-8: 208-759-1: 540-84-1: C_8H_{18} : H_3C H_3C CH_3 CH_3

Synonyms

: Octane, Octanes, 2,2,4-trimethylpentane

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Use of the substance/mixture

: Certified reference material for laboratory use only Chemical laboratory

1.2.2. Uses advised against

No additional information available

1.3.Details of the supplier of the safety data sheetISOLAB Laborgeräte GmbHAm Dillhof 2 - 63863 Eschau / GERMANYTel: + 49 93 74 / 978 55-0Fax: +49 93 74 / 978 55-29

prodsafe@isolab.de

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
Germany	Giftnotruf der Charité CBF, Haus VIII (Wirtschaftgebäude), UG	Hindenburgdamm 30 12203 Berlin	+49 30 19240	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flam. Liq. 2	H225
Asp. Tox. 1	H304
Skin Irrit. 2	H315
STOT SE 3	H336
Aquatic Acute 1	H400
Aquatic Chronic 1	H410

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] Hazard pictograms (CLP) :



Signal word (CLP)

: Danger

Safety Data Sheet

according to Regulation (EU) 2015/830 Date of issue: 01/06/2022 Version: 0.0 Doc. No: SDS-936.037/2



Hazard statements (CLP)	 H225 - Highly flammable liquid and vapour H304 - May be fatal if swallowed and enters airways H315 - Causes skin irritation H336 - May cause drowsiness or dizziness H410 - Very toxic to aquatic life with long lasting effects
Precautionary statements (CLP)	 P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 - Keep container tightly closed P240 Ground/bond container and receiving equipment. P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P302 + P352 - IF ON SKIN: Wash with plenty of soap and water. P304+P340 - IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing P331 - Do NOT induce vomiting P403 - Store in a well-ventilated place P235 - Keep cool

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients		
3.1. Substances		
Name	Product identifier	%
Isooctane	(CAS-No.) 540-84-1 (EC-No.) 208-759-1 (EC Index-No.) 601-009-00-8	100

Full text of H-statements: see section 16

3.2. Mixtures

Not applicable

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Check the vital functions. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim conscious with laboured breathing: half-seated. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital.
First-aid measures after inhalation	: Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.
First-aid measures after skin contact	: Wash immediately with lots of water. Soap may be used. Take victim to a doctor if irritation persists.
First-aid measures after eye contact	: Rinse with water. Do not apply neutralizing agents. Take victim to an ophthalmologist if irritatio persists.
First-aid measures after ingestion	: Rinse mouth with water. Immediately after ingestion: give lots of water to drink. Do not induce vomiting. Ingestion of large quantities: immediately to hospital. Consult a doctor/medical servic if you feel unwell. Call Poison Information Centre (www.big.be/antigif.htm).
4.2. Most important symptoms and eff	ects, both acute and delayed
Symptoms/effects after inhalation	 Central nervous system depression. Headache. Dizziness. Mental confusion. Nausea. Respiratory difficulties. EXPOSURE TO HIGH CONCENTRATIONS: Disturbances of consciousness.
Symptoms/effects after skin contact	: Tingling/irritation of the skin.
Symptoms/effects after eye contact	: Not irritating.
Symptoms/effects after ingestion	: Nausea. Vomiting. Abdominal pain. Risk of aspiration pneumonia.
Chronic symptoms	: ON CONTINUOUS/REPEATED EXPOSURE/CONTACT: Red skin. Dry skin. Skin rash/inflammation.

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

No additional information available

Safety Data Sheet

according to Regulation (EU) 2015/830 Date of issue: 01/06/2022 Version: 0.0 Doc. No: SDS-936.037/2



Doc. No:	SDS-936.037/2	
SECT	ION 5: Fire-fighting measures	
5.1.	Extinguishing media	
	extinguishing media	: Water spray. Polyvalent foam. AFFF foam. Alcohol-resistant foam. Polymer foam. BC powder. Carbon dioxide.
Unsuita	ble extinguishing media	: Solid water jet ineffective as extinguishing medium.
5.2.		
5.2. Fire haz	Special hazards arising from the sub ard	 DIRECT FIRE HAZARD. Highly flammable. Gas/vapour flammable with air within explosion limits. INDIRECT FIRE HAZARD. May be ignited by sparks. Gas/vapour spreads at floor level: ignition hazard. Reactions involving a fire hazard: see "Reactivity Hazard".
Explosio	on hazard	 DIRECT EXPLOSION HAZARD. Gas/vapour explosive with air within explosion limits. INDIRECT EXPLOSION HAZARD. may be ignited by sparks. Reactions with explosion hazards: see "Reactivity Hazard".
5.3.	Advice for firefighters	
Precaut	ionary measures fire	: Exposure to fire/heat: keep upwind. Exposure to fire/heat: have neighbourhood close doors an windows.
Firefigh	ting instructions	: If exposed to fire cool the closed containers by spraying with water. Do not move the load if exposed to heat. Take account of environmentally hazardous firefighting water. Use water moderately and if possible collect or contain it.
Protecti	on during firefighting	: Heat/fire exposure: compressed air/oxygen apparatus.
SECT	ION 6: Accidental release meas	ures
6.1.	Personal precautions, protective equ	
6.1.1. Protecti	For non-emergency personnel ve equipment	: Gloves. Protective goggles. Head/neck protection. Protective clothing. See "Material-Handling
Emerge	ncy procedures	 to select protective clothing. Mark the danger area. Stop engines and no smoking. No naked flames or sparks. Spark- and explosionproof appliances and lighting equipment. Wash contaminated clothes.
6.1.2.	For emergency responders	
No addi	tional information available	
6.2.	Environmental precautions	
Prevent	soil and water pollution. Prevent spreadin	ig in sewers.
6.3.	Methods and material for containmer	nt and cleaning up
For con	tainment	: Contain leaking substance. Dam up the liquid spill. Try to reduce evaporation. Measure the concentration of the explosive gas-air mixture. Dilute/disperse combustible gas/vapour with water curtain.
Method	s for cleaning up	: Take up liquid spill into a non combustible material e.g.: dry sand/earth/vermiculite kieselguhr, powdered limestone. Scoop absorbed substance into closing containers. Carefully collect the spill/leftovers. Clean contaminated surfaces with a soap solution. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling.
6.4.	Reference to other sections	
No addi	tional information available	
SECT	ION 7: Handling and storage	
7.1.	Precautions for safe handling	
	ions for safe handling	: Comply with the legal requirements. Remove contaminated clothing immediately. Clean
Tiecau	ions for sale handling	contaminated clothing. Do not discharge the waste into the drain. Insufficient ventilation: take precautions against electrostatic charges. Insufficient ventilation: use spark-/explosionproof appliances and lighting system. Keep away from naked flames/heat. Insufficient ventilation: keep naked flames/sparks away. Observe normal hygiene standards. Keep container tightly closed. Measure the concentration in the air regularly. Work under local exhaust/ventilation.
7.2.	Conditions for safe storage, including	
	d ignition sources	: KEEP SUBSTANCE AWAY FROM: heat sources. ignition sources.
Information on mixed storage : KEEP SUBSTANCE AWAY FROM: oxidizing agents.		Ū Ū
Storage	•	: Store in a cool area. Ventilation at floor level. Fireproof storeroom. Unauthorized persons are not admitted. Meet the legal requirements.
Special	rules on packaging	 SPECIAL REQUIREMENTS: closing. clean. correctly labelled. meet the legal requirements. Secure fragile packagings in solid containers.
Packag	ing materials	: SUITABLE MATERIAL: glass. tin. MATERIAL TO AVOID: No data available.
01/06/20	22	EN (English) 3/9
www.isol		

Safety Data Sheet

according to Regulation (EU) 2015/830 Date of issue: 01/06/2022 Version: 0.0 Doc. No: SDS-936.037/2



7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters		
Isooctane (540-84-1)		
Austria	Local name	2,2,4-Trimethylpentan
Austria	MAK (mg/m³)	1400 mg/m³
Austria	MAK (ppm)	300 ppm
Austria	MAK Short time value (mg/m ³)	5600 mg/m³
Austria	MAK Short time value (ppm)	1200 ppm
Finland	Local name	2,2,4-Trimetyylipentaani
Finland	HTP-arvo (8h) (mg/m ³)	1400 mg/m ³
Finland	HTP-arvo (8h) (ppm)	300 ppm
Finland	HTP-arvo (15 min)	1800 mg/m³
Finland	HTP-arvo (15 min) (ppm)	380 ppm
USA - ACGIH	ACGIH TWA (ppm)	300 ppm (Octane, all isomers; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)

8.2. **Exposure controls**

Materials for protective clothing:

GIVE EXCELLENT RESISTANCE: No data available. GIVE GOOD RESISTANCE: nitrile rubber. viton. PVA. GIVE LESS RESISTANCE: neoprene. GIVE POOR RESISTANCE: butyl rubber. natural rubber. PVC

Hand protection:

Gloves

Eye protection:

Safety glasses

Skin and body protection:

Head/neck protection. Protective clothing

Respiratory protection:

Wear gas mask with filter type A if conc. in air > exposure limit

Device	Filter type	Condition	Standard
Gas mask	Type A - High-boiling (>65 °C) organic compounds	If conc. in air > exposure limit	



SECTION 9: Physical and chemical properties		
9.1. Information on basic physical and	d chemical properties	
Physical state	: Liquid	
Appearance	: Liquid.	
Molecular mass	: 114.23 g/mol	
Colour	: Colourless.	
Odour	: Almost odourless. Petroleum-like odour.	
Odour threshold	: No data available	
pH	: Neutral	
Relative evaporation rate (butylacetate=1)	: >1	
Melting point	: -107 °C	
Freezing point	: No data available	
01/06/2022	EN (English)	4/9

Safety Data Sheet

according to Regulation (EU) 2015/830 Date of issue: 01/06/2022 Version: 0.0 Doc. No: SDS-936.037/2



: 99 °C (1013 hPa)
: -12 °C
: 415 °C
: No data available
: No data available
: 51 hPa (20 °C)
: 3.9
: 0.69
: 1.15
: 0.69 g/cm³ (20 °C)
 Insoluble in water. Substance floats in water. Soluble in ethanol. Soluble in ether. Soluble in acetone. Soluble in oils/fats. Soluble in tetrachloromethane. Soluble in chloroform. Soluble in toluene. Soluble in xylene. Soluble in heptane. Soluble in carbondisulfide. Soluble in dimethylformamide. Water: 0.56 mg/l (25°C) Ethanol: soluble Ether: soluble Acetone: soluble
: 4.08 - 5.18 (Calculated; KOWWIN)
: No data available
: 0.0005 Pa.s
: No data available
: No data available
: 1.1 - 6.0 vol % 45 - 290 g/m³
: 1.4 mJ
: <10000 pS/m
: 244 g/m³
: 100 %
: Gas/vapour heavier than air at 20°C. Clear. Volatile. Substance has neutral reaction. May generate electrostatic charges.

SECTION 10: Stability and reactivity

10.1. Reactivity

Upon combustion: CO and CO2 are formed. Reacts exothermically with (strong) oxidizers: (increased) risk of fire/explosion.

10.2.	Chemical stability
Stable ur	nder normal conditions.
10.3.	Possibility of hazardous reactions
No additi	onal information available
10.4.	Conditions to avoid
No additi	onal information available
10.5.	Incompatible materials
No additi	onal information available
10.6.	Hazardous decomposition products
No additi	onal information available
SECTIO	DN 11: Toxicological information

SECTION IT: Toxicological I	normation
11.1. Information on toxicologic	cal effects
Acute toxicity	: Not classified
Isooctane (540-84-1)	
LD50 oral rat	> 2500 mg/kg bodyweight (Rat; Acute Oral Toxicity; IUCLID)
LD50 dermal rabbit	> 2000 mg/kg bodyweight (Rabbit; Experimental value; OECD 402: Acute Dermal Toxicity)
LC50 inhalation rat (mg/l)	> 33.52 mg/l/4h (Rat; Experimental value)
Skin corrosion/irritation	: Causes skin irritation.
01/06/2022	EN (English) 5.

Safety Data Sheet

according to Regulation (EU) 2015/830 Date of issue: 01/06/2022 Version: 0.0 Doc. No: SDS-936.037/2	
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: May cause drowsiness or dizziness.
STOT-repeated exposure	: Not classified
	March - Catal Concellation discutants a britten

Aspiration hazard

: May be fatal if swallowed and enters airways.

SECTION 12: Ecological inf	ormation
12.1. Toxicity	
Ecology - general	: Dangerous for the environment.
Ecology - air	: Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009). TA-Luft Klasse 5.2.5/I.
Ecology - water	: Ground water pollutant. Harmful to fishes. Very toxic to invertebrates (Daphnia). Toxic to algae. Harmful to bacteria.
Isooctane (540-84-1)	
EC50 Daphnia 1	0.4 mg/l (EC50; Other; 48 h; Daphnia magna; Static system; Fresh water; Read-across)
Threshold limit algae 1	2.943 mg/l (EC50; Other; 72 h; Pseudokirchneriella subcapitata; Fresh water)

Persistence and degradability 12.2.

Isooctane (540-84-1)	
Persistence and degradability Not readily biodegradable in water. Non degradable in the soil.	
ThOD 3.5 g O ₂ /g substance	

12.3.	Bioaccumulative potential

Isooctane (540-84-1)	
BCF fish 2	231 (BCF)
Log Pow 4.08 - 5.18 (Calculated; KOWWIN)	
12.4. Mobility in soil	
Isooctane (540-84-1)	

Log Koc	log Koc,SRC PCKOCWIN v2.0; 2.58; Calculated value; Koc; SRC PCKOCWIN v2.0; 240.3; Calculated value

12.5. Results of PBT and vPvB assessment

No additional information available

Other adverse effects 12.6.

No additional information available

SECTION 13: Disposal considerations		
13.1. Waste treatment methods		
Product/Packaging disposal recommendations	: Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals. Recycle by distillation. Remove to an authorized waste incinerator for solvents with energy recovery. Do not discharge into surface water.	
Additional information	: LWCA (the Netherlands): KGA category 03. Hazardous waste according to Directive 2008/98/EC.	
European List of Waste (LoW) code	: 07 01 04* - other organic solvents, washing liquids and mother liquors	
SECTION 14: Transport information		

CTION 14: Transport Information accordance with ADR / RID / IMDG / IATA / ADN

In accordance with ADR / RID / INIDG / IATA / ADN					
ADR		IMDG	ΙΑΤΑ	ADN	RID
14.1.	14.1. UN number				
1262		1262	1262	1262	1262



Safety Data Sheet

according to Regulation (EU) 2015/830 Date of issue: 01/06/2022 Version: 0.0 Doc. No: SDS-936.037/2



ADR	IMDG	ΙΑΤΑ	ADN	RID	
14.2. UN proper shippi	14.2. UN proper shipping name				
OCTANES	OCTANES	Octanes	OCTANES	OCTANES	
Transport document descr	iption		·		
UN 1262 OCTANES, 3, II, (D/E), ENVIRONMENTALLY HAZARDOUS	UN 1262 OCTANES, 3, II, MARINE POLLUTANT/ENVIRONM ENTALLY HAZARDOUS	UN 1262 Octanes, 3, II, ENVIRONMENTALLY HAZARDOUS	UN 1262 OCTANES, 3, II, ENVIRONMENTALLY HAZARDOUS	UN 1262 OCTANES, 3, II, ENVIRONMENTALLY HAZARDOUS	
14.3. Transport hazard	class(es)		•		
3	3	3	3	3	
14.4. Packing group					
П	1	П	Ш	Ш	
14.5. Environmental hazards					
Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes	
No supplementary information available					

14.6. Special precautions for user

- Overland transport

Classification code (ADR)	: F1
Limited quantities (ADR)	: 11
Excepted quantities (ADR)	: E2
Packing instructions (ADR)	: P001, IBC02, R001
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T4
Portable tank and bulk container special provisions (ADR)	: TP1
Tank code (ADR)	: LGBF
Vehicle for tank carriage	: FL
Transport category (ADR)	: 2
Special provisions for carriage - Operation (ADR)	: S2, S20
Hazard identification number (Kemler No.)	: 33
Orange plates	33 1262
Tunnel restriction code (ADR)	: D/E
EAC code	: 3YE
- Transport by sea	
Transport regulations (IMDG)	: Subject
Limited quantities (IMDG)	: 1L
Excepted quantities (IMDG)	: E2
Packing instructions (IMDG)	: P001
IBC packing instructions (IMDG)	: IBC02
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1
EmS-No. (Fire)	: F-E
EmS-No. (Spillage)	: S-E
Stowage category (IMDG)	: B

Safety Data Sheet

according to Regulation (EU) 2015/830 Date of issue: 01/06/2022 Version: 0.0 Doc. No: SDS-936.037/2



Properties and observations (IMDG)	: Colourless liquids. Explosive limits: 1% to 6.5% ISOOCTANE: flashpoint-12°C c.c. n-OCTANE: flashpoint 13°C c.c. Immiscible with water.
MFAG-No	: 128
- Air transport	
Transport regulations (IATA)	: Subject to the provisions
PCA Excepted quantities (IATA)	: E2
PCA Limited quantities (IATA)	: Y341
PCA limited quantity max net quantity (IATA)	: 1L
PCA packing instructions (IATA)	: 353
PCA max net quantity (IATA)	: 5L
CAO packing instructions (IATA)	: 364
CAO max net quantity (IATA)	: 60L
ERG code (IATA)	: 3H
- Inland waterway transport	
Classification code (ADN)	: F1
Limited quantities (ADN)	: 1L
Excepted quantities (ADN)	: E2
Carriage permitted (ADN)	: Т
Equipment required (ADN)	: PP, EX, A
Ventilation (ADN)	: VE01
Number of blue cones/lights (ADN)	: 1
- Rail transport	
Transport regulations (RID)	: Subject
Classification code (RID)	: F1
Limited quantities (RID)	: 1L
Excepted quantities (RID)	: E2
Packing instructions (RID)	: P001, IBC02, R001
Mixed packing provisions (RID)	: MP19
Portable tank and bulk container instructions (RID)	: T4
Portable tank and bulk container special provisions (RID)	: TP1
Tank codes for RID tanks (RID)	: LGBF
Transport category (RID)	: 2
Colis express (express parcels) (RID)	: CE7
Hazard identification number (RID)	: 33
14.7. Transport in bulk according to Ann	ex II of Marpol and the IBC Code
Not applicable	
SECTION 15: Regulatory informatio	

SECTION 15: Regulatory information		
15.1. Safety, health and environmental re	egulations/legislation specific for the substance or mixture	
15.1.1. EU-Regulations		
No REACH Annex XVII restrictions Isooctane is not on the REACH Candidate List Isooctane is not on the REACH Annex XIV List		
VOC content	: 100 %	
15.1.2. National regulations		
Germany VwVwS Annex reference WGK remark	 Water hazard class (WGK) 2, hazard to waters (KBwS-Beschluss; ID No. 479) Classification water polluting in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005 (Anhang 2) 	

Safety Data Sheet

according to Regulation (EU) 2015/830 Date of issue: 01/06/2022 Version: 0.0 Doc. No: SDS-936.037/2



: Is not subject of the 12. BImSchV (Hazardous Incident Ordinance) 12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV Netherlands SZW-lijst van kankerverwekkende stoffen : The substance is not listed SZW-lijst van mutagene stoffen : The substance is not listed NIET-limitatieve lijst van voor de voortplanting : The substance is not listed giftige stoffen - Borstvoeding NIET-limitatieve lijst van voor de voortplanting : The substance is not listed giftige stoffen - Vruchtbaarheid NIET-limitatieve lijst van voor de voortplanting : The substance is not listed giftige stoffen - Ontwikkeling Denmark **Classification remarks** : Emergency management guidelines for the storage of flammable liquids must be followed **Recommendations Danish Regulation** : Young people below the age of 18 years are not allowed to use the product

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
EC50	Median effective concentration
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail

Data sources

: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Full text of H- and EUH-statements:			
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1		
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1		
Asp. Tox. 1	Aspiration hazard, Category 1		
Flam. Liq. 2	Flammable liquids, Category 2		
Skin Irrit. 2	Skin corrosion/irritation, Category 2		
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis		
H225	Highly flammable liquid and vapour		
H304	May be fatal if swallowed and enters airways		
H315	Causes skin irritation		
H336	May cause drowsiness or dizziness		
H400	Very toxic to aquatic life		
H410	Very toxic to aquatic life with long lasting effects		

SDS ISOLAB

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