

Safety Data Sheet

according to Regulation (EC) No 1907/2006

SWISSVAX Shield

Revision date: 16.08.2018

Product code: 1015100

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After contact with skin

In case of skin irritation, seek medical treatment.

After contact with eyes

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult an ophthalmologist.

After ingestion

Do NOT induce vomiting. Seek medical attention if problems persist.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂). Sand. Dry extinguishing powder..

Unsuitable extinguishing media

Water.

5.3. Advice for firefighters

Use appropriate respiratory protection. In case of fire and/or explosion do not breathe fumes.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No special environmental protection measures are necessary.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Treat the recovered material as prescribed in the section on waste disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Keep only in the original container in a cool, well-ventilated place.

Advice on protection against fire and explosion

Do not store at temperatures over: 50°C

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep only in the original container.

Keep in a cool, well-ventilated place.

Further information on storage conditions

Keep locked up and out of the reach of children.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
8002-74-2	Paraffin wax, fume	-	2		TWA (8 h)	WEL
		-	6		STEL (15 min)	WEL

8.2. Exposure controls

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Eye/face protection

Eye protection: not required.

Hand protection

Hand protection: not required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: wax.
 Colour: light brown
 Odour: fruity
 pH-Value (at 20 °C): 6.1 - 7,4

Changes in the physical state

Flash point: 106 °C

Explosive properties

not Explosive.

Water solubility: insoluble

SECTION 10: Stability and reactivity

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
90622-58-5	Isoalkane Mixture S/50				
	oral	LD50 mg/kg	5000	Rat	
	dermal	LD50 mg/kg	5000	Rabbit	
	inhalative vapour	LC50	5000 mg/l	Rat	

Irritation and corrosivity

Irritant effect on the skin: mild irritant. In rare cases the product can cause temporary erythema of the skin.

Irritant effect on the eye: mild irritant.

SECTION 12: Ecological information

12.1. Toxicity

Do not allow uncontrolled leakage of product into the environment.

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
90622-58-5	Isoalkane Mixture S/50					
	Acute fish toxicity	LC50 mg/l	1000	96 h	Oncorhynchus mykiss (Rainbow trout) Oncorhynchus mykiss (Rainbow trout)	
	Acute algae toxicity	ErC50 mg/l	1000	72 h	Selenastrum capricornutum	
	Acute crustacea toxicity	EC50 mg/l	1000	48 h	Daphnia magna (Big water flea)	
	Crustacea toxicity	NOEC mg/l	1000	21 d	Daphnia magna (Big water flea)	

12.2. Persistence and degradability

CAS No	Chemical name				
	Method	Value	d	Source	
	Evaluation				
90622-58-5	Isoalkane Mixture S/50				
	Not readily biodegradable (according to OECD criteria)	31 %	28		
	This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.				

Further information

Doesn't get into the sewage water as long as the process is carried out according to regulations.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Contaminated packaging

Remove according to the regulations.

SECTION 14: Transport information

Land transport (ADR/RID)

Other applicable information (land transport)

Not a hazardous material with respect to these transportation regulations.

Inland waterways transport (ADN)

Other applicable information (inland waterways transport)

Not a hazardous material with respect to these transportation regulations.

Marine transport (IMDG)

Other applicable information (marine transport)

Not a hazardous material with respect to these transportation regulations.

Air transport (ICAO-TI/IATA-DGR)

Other applicable information (air transport)

Not a hazardous material with respect to these transportation regulations.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

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SECTION 16: Other information**Relevant H and EUH statements (number and full text)**

H304	May be fatal if swallowed and enters airways.
H371	May cause damage to organs.
EUH066	Repeated exposure may cause skin dryness or cracking.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)