

**SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1. Product identifier**

Product name : HYDROTHERAPIES SPORT RX REBUILD - CRYSTALS  
Product code : 755558011755

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

Application : SU21 Consumer product. PC0 Other. Pool and spa maintenance.

**1.3. Details of the supplier of the safety data sheet**

Supplier : inSPAration Europe  
Burgemeester Magneestraat 55  
5571 HC Bergeijk, The Netherlands

Manufacturer : inSPAration Inc.  
11950 Hertz Ave.  
Moorpark, United States of America

Telephone : +1-805.553.0820

**1.4. Emergency telephone number**

EMERGENCY TELEPHONE NUMBER, for DOCTORS/FIRE BRIGADE/POLICE only:

NL - Telephone : (24/7)

**SECTION 2 HAZARDS IDENTIFICATION**

**2.1. Classification of the substance or mixture**

CLP classification : Not classified as dangerous according to Regulation (EC) No 1272/2008.  
(1272/2008/EC)

Human health hazards : May produce an allergic reaction.  
Physical/chemical hazards : Not classified as dangerous according to statutory EC-Directives.  
Environmental hazards : Not classified as dangerous according to statutory EC-Directives.

**2.2. Label elements**

Label elements (1272/2008/EC):

Hazard pictograms : None.

Signal word : Not applicable.

H- and P-phrases : EUH208 Contains ... May produce an allergic reaction. Reference is made to additional labelling for full text of EUH208\*.

Labelling of packagings where the contents do not exceed 125 ml and it is technically impossible to list all phrases:

Hazard pictograms : None.

Signal word : Not applicable.

H- and P-phrases : EUH208 Contains ... May produce an allergic reaction. Reference is made to additional labelling for full text of EUH208\*.

Additional labelling (for all packaging sizes)

: \* Contains Cineole ; Isoeugenol . May produce an allergic reaction.

**2.3. Other hazards**

Other information : Does not contain PBT or vPvB substances in concentrations higher than 0,1%.

### SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

Product description : Mixture.

Information on hazardous substances:

Substance name	Concentration (w/w) (%)	CAS nr.	EC number	Remark	REACH nr.
Sodium chloride	50 - 75	7647-14-5	231-598-3	MAC	
Cineole	0,1 - < 1	470-82-6	207-431-5		
Benzyl benzoate	0,1 - < 1	120-51-4	204-402-9		
Isoeugenol	< 0,01	97-54-1	202-590-7		

Substance name	Hazard Class	H-phrases	Pictograms	
Sodium chloride	-----	-----	-----	
Cineole	Flam. Liq. 3; Skin Sens. 1B	H226; H317	GHS02; GHS07	
Benzyl benzoate	Acute Tox. 4; Aquatic Acute 1; Aquatic Chronic 2	H302; H400; H411	GHS07; GHS09	M (acute) = 1
Isoeugenol	Acute Tox. 4; Eye Irrit. 2; STOT SE 3; Skin Irrit. 2; Skin Sens. 1A	H302; H312; H315; H317; H319; H332; H335	GHS07	H317 : C >= 0,01 %

Occupational exposure limit(s), if relevant, are listed in section 8.

Reference is made to chapter 16 for full text of each relevant H phrase.

### SECTION 4 FIRST-AID MEASURES

#### 4.1. Description of first aid measures

First aid measures

- Inhalation : Not applicable.
- Skin contact : Take off contaminated clothing. Wash off skin with plenty of water and soap before product dries up. Consult a doctor if irritation occurs.
- Eye contact : Wash out with (lukewarm) water. Remove contact lenses. Consult a doctor if irritation persists.
- Ingestion : Do not induce vomiting. Do rinse the mouth. Give one glass of water. Never give anything by mouth to an unconscious person. Consult a doctor if victim feels unwell.

#### 4.2. Most important symptoms and effects, both acute and delayed

Effects and symptoms

- Inhalation : No specific effects and/or symptoms are known.
- Skin contact : May produce an allergic reaction. May cause dry skin.
- Eye contact : May cause stinging of eyes and redness.
- Ingestion : May cause a feeling of sickness, vomiting and diarrhoea.

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

Note to physicians : None known.

### SECTION 5 FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media

Extinguishing media

- Suitable : Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical. Water fog.  
Not suitable : None known.

### 5.2. Special hazards arising from the substance or mixture

- Special exposure hazards : None known.  
Hazardous thermal decomposition products : Carbon monoxide may be evolved if incomplete combustion occurs.

### 5.3. Advice for firefighters

- Special protective equipment for fire-fighters : Use adequate respiratory equipment in case of insufficient ventilation.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

- Personal precautions : Danger of slipping. Clean up spills immediately. Wear shoes with non-slip soles.

### 6.2. Environmental precautions

- Environmental precautions : Avoid release of product into sewers, surface water and/or ground water.

### 6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Collect spilled material in containers. Dispose at an authorised waste collection point. Wash away remainder with plenty of water and soap.

### 6.4. Reference to other sections

- Reference to other sections : See also section 8.

## SECTION 7 HANDLING AND STORAGE

### 7.1. Precautions for safe handling

- Handling : Handle in accordance with good occupational hygiene and safety practices in well-ventilated areas. Electrostatic discharge may cause fire. Ensure electrical continuity by bonding and grounding (earthing) all equipment. Avoid contact with skin and eyes. Wear protective clothing.

### 7.2. Conditions for safe storage, including any incompatibilities

- Storage : Keep in a cool, dry and well-ventilated place (< 35 °C).  
Recommended packaging : Keep only in the original container.  
Non recommended packaging : None known.

### 7.3. Specific end use(s)

- Use : Use only as directed.

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Occupational exposure limits : Occupational exposure limits have not been established for this product. Derived no-effect levels (DNEL) have not been established for this product. Predicted no-effect concentrations (PNEC) have not been established for this product.

Workplace exposure limits (mg/m<sup>3</sup>):

Chemical name	Country	TWA 8 hour (mg/m <sup>3</sup> )	STEL 15 min (mg/m <sup>3</sup> )	Comments	Source
Sodium chloride		10	-	-	Dow chemical, Industrial Hygiene Guidelines

Derived no-effect level (DNEL) for workers:

Chemical name	Route of exposure	DNEL, short-term		DNEL, long-term	
		Local effect	Systemic effect	Local effect	Systemic effect
Sodium chloride	Dermal		295,52 mg/kg bw		295,52 mg/kg bw/day
Cineole	Inhalation		2068,62 mg/m <sup>3</sup>		2068,62 mg/m <sup>3</sup>
	Inhalation				7,05 mg/m <sup>3</sup>
Benzyl benzoate	Dermal		102 mg/m <sup>3</sup>		2 mg/kg bw/day
	Inhalation				5,1 mg/m <sup>3</sup>
	Dermal				2,6 mg/kg bw/day

Derived no-effect level (DNEL) for consumers:

Chemical name	Route of exposure	DNEL, short-term		DNEL, long-term	
		Local effect	Systemic effect	Local effect	Systemic effect
Sodium chloride	Dermal		126,65 mg/kg bw		126,65 mg/kg bw/day
	Inhalation		443,28 mg/m <sup>3</sup>		443,28 mg/m <sup>3</sup>
	Oral		126,65 mg/kg bw		126,65 mg/kg bw/day
Cineole	Inhalation				1,74 mg/m <sup>3</sup>
	Dermal				1 mg/kg bw/day
	Oral				600 mg/kg bw/day
Benzyl benzoate	Inhalation		25 mg/m <sup>3</sup>		1,25 mg/m <sup>3</sup>
	Dermal				1,3 mg/kg bw/day
	Oral		78 mg/kg bw		0,4 mg/kg bw/day

Predicted no-effect concentration (PNEC):

Chemical name	Route of exposure	Fresh water	Marine water	
Sodium chloride	Water	5 mg/l		
	Intermittent water			19 mg/l
	STP			500 mg/l
Cineole	Soil			4,86 mg/kg
	Water	0,057 mg/l	0,0057 mg/l	
	Sediment	1,425 mg/kg	0,1425 mg/kg	
	Intermittent water			0,57 mg/l
	STP			10 mg/l
	Soil			0,25 mg/kg
Benzyl benzoate	Oral			133 mg/kg food
	Water	0,017 mg/l	0,002 mg/l	
	Sediment	10,66 mg/kg	1,07 mg/kg	
	STP			100 mg/l
	Soil			2,12 mg/kg

## 8.2. Exposure controls

Engineering measures : Use only in well-ventilated areas. Comply with standard precautionary measures for working with chemicals.

Hygienic measures : When using do not eat, drink or smoke.

Personal protective equipment:

The efficiency of personal protective equipment depends among other things on temperature and degree of ventilation. Always get professional advice for the particular local situation.

Body protection : Use of specific protective industrial clothing is not required under normal conditions of use. In case of large scale exposure wear suitable protective clothing, overalls or suit, and similar boots. Suitable material: laminated film. Indication of permeation breakthrough time: 6 hours.

Respiratory protection : Take care of sufficient ventilation.

Hand protection : Under normal conditions of use specific gloves are not required. Wear appropriate gloves in case of frequent or prolonged use and in case of large scale exposure. Suitable material: laminated film. ± 0,5 mm. Indication of permeation breakthrough time: 6 hours.

Eye protection : Wear appropriate safety glasses when there is danger of possible eye contact.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance	: Solid.	
Colour	: Yellow.	
Odour	: Perfumed.	
Odour threshold	: Not known.	
pH	: 2 - 11,5	10% solution.
Solubility in water	: Soluble.	
Partition coefficient (n-octanol/water)	: Not known.	Not measured. Not relevant for mixtures.
Flash point	: Not relevant.	Solid.
Flammability (solid, gas)	: Not flammable.	Not easily ignitable.
Auto ignition temperature	: > 180 °C	
Melting point/melting range	: > 30 °C	
Explosive properties	: None known.	Does not contain explosives.
Explosion limits (% in air)	: Not applicable.	
Oxidising properties	: Not applicable.	Does not contain oxidizing substances.
Decomposition temperature	: 130 °C	
Viscosity (20°C)	: Not applicable.	Solid.
Vapour pressure (20°C)	: Very low.	Solid.
Vapour density (20°C)	: Not relevant.	The solvent content of this product is less than 1%.
Relative density (20°C)	: 2 g/ml	
Evaporation rate	: Very low. Solid.	

### 9.2. Other information

Other information : Not relevant.

## SECTION 10 STABILITY AND REACTIVITY

### 10.1. Reactivity

Reactivity : See sub-sections below.

### 10.2. Chemical stability

Stability : Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Reactivity : No other hazardous reactions known.

### 10.4. Conditions to avoid

Conditions to avoid : See section 7.

### 10.5. Incompatible materials

Materials to avoid : No specific recommendations.

### 10.6. Hazardous decomposition products

Hazardous decomposition products : Not known.

## SECTION 11 TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

No toxicological research has been carried out on this product.

#### Inhalation

- Acute toxicity : Not applicable. No specific effects and/or symptoms are known.
- Corrosion/irritation : No specific effects and/or symptoms are known. Not classified - based on available data, the classification criteria are not met.
- Sensitisation : Does not contain substances classified as respiratory sensitiser. Not classified - based on available data, the classification criteria are not met.
- Carcinogenicity : Not expected to be carcinogenic. Not classified - based on available data, the classification criteria are not met.
- Mutagenicity : Not expected to be mutagenic. Not classified - based on available data, the classification criteria are not met.

#### Skin contact

- Acute toxicity : Calculated LD50: > 5000 mg/kg.bw. Ingredients of unknown toxicity: < 1 %. ATE: > 2000 mg/kg.bw. Low toxicity. Not classified - based on available data, the classification criteria are not met.
- Corrosion/irritation : Slight irritation possible. Not classified - based on available data, the classification criteria are not met.
- Sensitisation : May produce an allergic reaction.
- Mutagenicity : Not expected to be mutagenic. Not classified - based on available data, the classification criteria are not met.

#### Eye contact

- Corrosion/irritation : Slight irritation possible. Not classified - based on available data, the classification criteria are not met.

#### Ingestion

- Acute toxicity : Calculated LD50: > 2611 mg/kg.bw. Ingredients of unknown toxicity: < 1 %. ATE: > 2000 mg/kg.bw. Low toxicity. Not classified - based on available data, the classification criteria are not met.
- Aspiration : Not expected to be an aspiration hazard. Contains a substance/substances with an aspiration hazard. Not classified - based on available data, the classification criteria are not met.
- Corrosion/irritation : May cause a feeling of sickness, vomiting and diarrhoea.
- Carcinogenicity : Not expected to be carcinogenic. Not classified - based on available data, the classification criteria are not met.
- Mutagenicity : Not expected to be mutagenic. Not classified - based on available data, the classification criteria are not met.
- Reprotoxicity : Development: Not expected to be reprotoxic. Development: Not classified - Based on available data, the classification criteria are not met. Fertility: not expected to be reprotoxic. Fertility: Not classified - based on available data, the classification criteria are not met.

Toxicological information:

Chemical name	Property		Method	Test animal	
Cineole	LD50 (oral)	2480 mg/kg bw	----	Rat	
	NOAEL (oral)	1200 mg/kg bw/d		Rat	
	Genotoxicity - in vitro	Not genotoxic			
	Mutagenicity	Not mutagenic		Salmonella typhimurium	
	NOAEL (fertility, oral)	> 600 mg/kg bw/d	OECD 421	Rat	
	Skin irritation	Non-irritant			
	Isoeugenol	Skin sensitisation	498 ug/cm2	OECD 429	Mouse
		Skin irritation	Moderately irritant	----	Human
		Skin irritation	Severely irritant		Rabbit
		NOEL (carcinogenicity, oral)	Not carcinogenic	----	Rat
Mutagenicity		Negative	----	Salmonella typhimurium	
LC50 (inhalation) - estimate		1500 mg/m3			
LD50 (dermal) - estimate		1912 mg/kg bw			
	LD50 (oral)	1560 mg/kg bw	----	Rat	

**SECTION 12 ECOLOGICAL INFORMATION**

**12.1. Toxicity**

No ecotoxicological research has been carried out on this product.

Ecotoxicity : Calculated LC50 (fish): 168 mg/l. Calculated EC50 (waterflea): 170 mg/l. Contains 0 % of components with unknown hazards to the aquatic environment. Not classified - based on available data, the classification criteria are not met.

**12.2. Persistence and degradability**

Persistence – degradability : No specific information known.

**12.3. Bioaccumulative potential**

Bioaccumulative potential : Contains bioaccumulating substances.

**12.4. Mobility in soil**

Mobility : If product enters soil, it will be highly mobile and may contaminate groundwater.

**12.5. Results of PBT and vPvB assessment**

PBT/vPvB assessment : Does not contain PBT or vPvB substances in concentrations higher than 0,1%.

**12.6. Other adverse effects**

Other information : Not applicable.

**SECTION 13 DISPOSAL CONSIDERATIONS**

**13.1. Waste treatment methods**

Product residues : Do not dispose empty pack with waste produced by households. Containers may be recycled. Treat product residues and non-empty pack as chemical waste. Dispose waste to an official chemical waste depot.

Additional warning : None.

Local legislation : Disposal should be in accordance with applicable regional, national, and local laws and regulations. Local regulations may be more stringent than regional or national requirements and must be complied with.

#### SECTION 14 TRANSPORT INFORMATION

##### 14.1. UN number

UN nr. : None.

##### 14.2. UN proper shipping name

Transport name : Not regulated.

##### 14.3/14.4/14.5. Transport hazard class(es)/Packing group/Environmental hazards

ADR/RID/ADN (road/railway/inland waterways)

Class : This product is not classified according to ADR/RID/ADN.

IMDG (sea)

Class : This product is not classified according to IMDG.

Marine pollutant : No

IATA (air)

Class : This product is not classified according to IATA.

##### 14.6. Special precautions for user

Other information : Country specific variations may apply.

##### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Marpol : Not intended to be carried in bulk according to International Maritime Organisation (IMO) instruments. Packaged liquids are not considered bulk.

#### SECTION 15 REGULATORY INFORMATION

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

Community regulations : Regulation (EU) No 2015/830 (REACH), Regulation (EC) No 1272/2008 (CLP) and other regulations.

##### 15.2. Chemical safety assessment

Chemical safety assessment : Not applicable.

#### SECTION 16 OTHER INFORMATION

##### 16.1. Other information

The information in this safety data sheet is compiled in compliance with Regulation (EU) No 2015/830 dated 28 May 2015 and accurate to the best of our knowledge and experience at the date of issue specified. It is the user's obligation to use this product safely and to comply with all applicable laws and regulations concerning the use of the product. This safety data sheet complements the technical information sheets but does not replace them and offers no warranty with regard to product properties.

Users are also forewarned for any hazards involved when the product is used for other purposes than those for which it is designed.

Changed or new information with regard to the previous release is indicated with an asterisk (\*).

List of abbreviations and acronyms that could be (but not necessarily are) used in this safety data sheet:

ADR	: European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	: Acute Toxicity Estimate
CLP	: Classification, Labeling & Packaging
CMR	: Carcinogenic, Mutagenic or toxic for Reproduction
EEC	: European Economic Community
GHS	: Globally Harmonized System of Classification and Labelling of Chemicals
IATA	: International Air Transport Association
IBC code	: International Bulk Chemical Code
IMDG	: International Maritime Dangerous Goods Code
LD50/LC50	: Lethal Dose/Concentration for 50% of a population
MAC	: Maximum Allowable Concentration
MARPOL	: International Convention for the Prevention of Pollution From Ships
NO(A)EL	: No Observed (Adverse) Effect Level
OECD	: Organisation for Economic Co-operation and Development
PBT	: Persistent, Bioaccumulative and Toxic
PC	: Chemical product category
PT	: Product type
REACH	: Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	: Regulations concerning the International Carriage of Dangerous Goods by Rail
STP	: Sewage Treatment Plant
SU	: Sector of Use
TWA/STEL	: Time-Weighted Average/Short Term Exposure Limit
UN	: United Nations
VOC	: Volatile Organic Compounds
vPvB	: Very Persistent and Very Bioaccumulative

Key data used to compile the Safety Data Sheet are from, but not limited to, one or more sources of information e.g. toxicological data from material suppliers, CONCAWE, IFRA, CESIO, Regulation EG 1272/2008, etc.

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008:

Not classified : Based on test methods, experts judgement, bridging principles and calculation methods.

Full text of hazard classes mentioned in section 3:

Flam. Liq. 3	: Flammable liquid, category 3.
Acute Tox. 4	: Acute toxicity, category 4.
Skin Irrit. 2	: Skin irritation, category 2.
Eye Irrit. 2	: Eye irritation, category 2.
Skin Sens. 1/1A/1B	: Skin sensitization, category 1/1A/1B.
STOT SE 3	: Specific target organ toxicity after single exposure, category 3.
Aquatic Chronic 2	: Hazardous to the aquatic environment — Chronic category 2.
Aquatic Acute 1	: Hazardous to the aquatic environment — Acute category 1.

Full text of H-phrases mentioned in section 3:

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

Advice on any training appropriate for workers: none.

Number format : "," used as decimal separator.

---

End of safety data sheet.