

# Safety Data Sheet

according to 2001/58/EEC

Haug-Spezialreinigungsmittel 7220/SRM1 / LYSAPUR 808

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14.12.2006

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## 1 Identification of the substance/preparation and of the company/undertaking

**Trade name:** Haug-Spezialreinigungsmittel 7220/SRM1 / LYSAPUR 808  
**Company/undertaking:** Haug GmbH & Co. KG  
**Address:** Friedrich-List-Straße 18 D-70771 Leinfelden-Echterdingen  
**Phone:** +49-711 - 9498-0 Telefax: +49-711 - 9498-111  
**Emergency Phone:** Tel.: +49-7055 - 930580

**Use of the substance/preparation:** Solvent cleaner

## 2 Composition/information on ingredients

**Description:** mixture of solvents.  
Free from halogenated hydrocarbons and aromatic hydrocarbons.

**Hazardous ingredients:**

EG-No.	CAS-No.	Name	Mass-%	Hazard Symbol	R-Phrases
252-104-2	34590-94-8	2-Methoxy methylethoxy propanol	< 5		---
292-459-0	90622-57-4	Isoparaffins	5 - 10		R 65-66
		Orange oil extracts, Citrus dulcis	< 5		R 10-38-65

## 3 Hazards identification

**Hazard designation:** Xn: Harmful  
**R-Phrases:** R 65 Harmful: may cause lung damage if swallowed.

## 4 First-aid measures

**General information:** If there is a risk of loss of consciousness, place and transport affected person in the recovery position. Nothing to be administered if unconscious or fitting. Promptly remove soiled clothing and wash thoroughly before reuse.

**On inhalation:** In case of inhalation, move affected person into fresh air. If symptoms persist, call a doctor.

**If swallowed:** Rinse out mouth and then drink plenty of water. Do not induce vomiting. Call a doctor immediately.

**On contact with the eyes:** On contact with the eyes, rinse the eyes with water with the eyelids open for several minutes. If symptoms persist, call a doctor.

**On contact with skin:** Wash off immediately with soap and water. Wash off subsequently with plenty of water. For dermatitis protection, rub greasy ointment into the skin. If symptoms persist, call a doctor. Promptly remove soiled clothing and wash thoroughly before reuse.

**Additional information:** Information for the doctor: If ingested, following gastric emptying by gastric lavage with cuffed endotracheal tube, administer an aqueous slurry of activated charcoal followed by a cathartic.

## 5 Fire-fighting measures

**Suitable extinguishing media:** Carbon dioxide, dry powder, water spray jet. In case of large fires use water spray jet or alcohol-resistant foam.

**Extinguishing media which must not be used for safety reasons:** Full water jet.

**Special exposure hazards:** void

**Substances potentially set free in case of fire:** Carbon oxides

**Special protective equipment for firefighting:** Use breathing apparatus with independent air supply (isolated).

**Additional information:** none

## 6 Accidental release measures

**Personal precautions:** High risk of slipping due to leakage/spillage of product. Use breathing apparatus if exposed to vapours/dust/aerosol.

**Environmental precautions:** Prevent contamination of soil and water. Prevent from spreading or entering into drains, ditches or rivers. In case of entry into waterways, soil or drains, inform the responsible authorities.

**Methods for cleaning up / taking up:** Ensure adequate ventilation. Absorb or contain liquid with sand, earth or spill control spillage material.

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**Additional information:** For disposal information see section 13.

### 7 Handling and Storage

**Handling:** The usual precautionary measures should be adhered to in handling the chemicals.  
Keep container tightly sealed. Ensure good general ventilation/local exhaust ventilation of the workplace.

**Protection against fire and explosion:** No special requirements.

**Storage rooms and vessels:** Floor should be solvent-resistant, closed, sealed and not absorbent.

**Storage assembly:** Do not store together with foodstuffs.

**Storage conditions:** Protect from heat and sunlight.

**Storage class (VCI):** 10

### 8 Exposure limitation and personal protective equipment

**Additional information on plant design:**

As for all solvent containing products ensure adequate ventilation or exhaust vapours.

**Constituents with occupational exposure limits / biological occupational exposure limits requiring monitoring:**

EG-No.:	CAS-No.:	Name	Exposure limit type	Air limit value
252-104-2	34590-94-8	2-Methoxy methylethoxy propanol Overflow factor 1	MAK	50 ml/m <sup>3</sup> 310 mg/m <sup>3</sup>
292-459-0	90622-57-4	Isoparaffins	MAK	1000 ml/m <sup>3</sup> 200 mg/m <sup>3</sup>

The lists that were valid during the compilation were used as basis.

**Personal protection equipment:**

**Respiratory protection:** If ventilation is insufficient, use respiratory protection, e.g. filter apparatus with gas filter type A2.

**Hand protection:** Solvent-resistant protective gloves. The selection of suitable protective gloves is not only a function of the material but also of other quality features and will vary according to the manufacturer. So imperviousness must be checked prior to use.

**Eye protection:** Safety glasses are recommended if splashing could occur or if handled uncovered

**Protective clothing:** Solvent-resistant protective clothing. Promptly remove soiled clothing and wash thoroughly before reuse.

**General health and safety measures:**

Keep away from foodstuffs, beverages and animal feedstock. Wash hands and face before breaks and on finishing work. After cleansing, apply greasy skincare products. The usual precautionary measures should be adhered to in handling the chemicals.

### 9 Physical and chemical Properties

<b>Physical state (20 °C):</b>	liquid	
<b>Colour:</b>	colourless to bluish, clear	
<b>Odour:</b>	characteristic	
<b>Boiling point / boiling range, °C:</b>	173-193	
<b>Flash point, °C:</b>	>61	
<b>Explosion limit:, Vol%: Lower:</b>	0,6	<b>Upper:</b> 14
<b>Ignition temperature, °C:</b>	>200	
<b>Vapour pressure (20 °C), mbar:</b>	<2	
<b>Density (20 °C), g/cm<sup>3</sup>:</b>	0,79	
<b>Viscosity (20 °C):</b>	2,5 mPa s	
<b>pH-value (20 °C):</b>	not applicable	
<b>Water solubility (20 °C):</b>	80 g/l	

### 10 Stability and Reactivity

**Thermal decomposition:** At normal or reduced pressure may be distilled without decomposition.

**Hazardous reactions:** No hazardous reactions known.

**Materials to avoid:** None known

**Hazardous reaction / decomposition products:** No hazardous decomposition products known.

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## 11 Toxicological information

The information given is derived from the properties of the individual components.

### Acute toxicity:

**After inhalation:** Vapours in substantial concentrations are not to be expected unless product is handled uncovered and heated, or product is sprayed. Health hazards are unlikely to occur from a short-term single exposure.

**After ingestion:** Low oral toxicity. In case of ingestion or following vomiting product may get into the lungs, where even smallest amounts may cause chemical pneumonia or asphyxia.

**After eye contact:** Not irritating

**After skin contact:** Not irritating.

**Chronical toxicity:** Prolonged/repeated contact may cause defatting of the skin which can lead to dermatitis.

**Other informations:** Due to our experience and our current knowledge, the product will cause no harmful effects at correctly use and properly handling.

## \* 12 Ecological information

**Biodegradation:** The product is not completely miscible with water. Unsolved product must be removed before wastewater treatment. Solved organic compounds are readily degradable in adapted waste treatment plants.

**Ecotoxicity:** Not toxic at limit of water solubility.

**Bioaccumulation potential:** No considerable bioconcentration to be expected.

**General information:** Do not allow product to reach ground water, water bodies or sewage system. The product is free from halogenated organic compounds and free from heavy metal compounds.

## 13 Disposal considerations

Local, state and national regulations governing the disposal of waste materials should be checked. Allocation of the waste code numbers according EC Directive 91/692/EEC must be realized under considerations of existing sector specifics and processes. The mentioned waste codes are recommendations based on the product application as suggested by the manufacturer. Special applications and special disposal conditions at the applier's place may however require another waste code.

**Disposal / Waste (product):** This product may be recycled. Alternatively incinerate under controlled conditions. Must not be disposed of together with household garbage. Do not allow product to reach sewage system without pretreatment.

**Waste codes/waste designations in accordance with EWC:**

140603	WASTE ORGANIC SOLVENTS, REFRIGERANTS AND PROPELLANTS (EXCEPT 07 AND 08): waste organic solvents, refrigerants and foam/aerosol propellants: other solvents and solvent mixtures
70604	WASTES FROM ORGANIC CHEMICAL PROCESSES: wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics: other organic solvents, washing liquids and mother liquors

**Disposal / Waste (packages):** Remove remaining waste products adhering to the container walls.  
**Waste codes/waste designations in accordance with EWC:** 150104 (metallic packaging) bzw. 150102 (plastic packaging) bzw. 150110 (packaging containing residues of or contaminated by dangerous substances)

## 14 Transport information

<b>ADR/RID:</b>	void	<b>UN-No.:</b>	
<b>IMDG:</b>	void	<b>Marine Pollutant:</b>	No
<b>Kemler number:</b>		<b>ICAO/IATA:</b>	void
<b>Name of substance:</b>	void		

No hazardous material as defined by the transport regulations.

## \* 15 Regulatory information

### Labelling according to EEC-Directives:

The product is subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV) and requires classification and labelling according to the criteria of the European Commission and the German legislation.

**Hazard symbols:** Xn: Harmful

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**R-Phrases:** R 65 Harmful: may cause lung damage if swallowed.  
**S-Phrases:** S 23.5 Do not breathe vapour/aerosol.  
S 24 Avoid contact with skin.  
S 62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Regulation (EC) No.648/2004: This produkt does not contain surfactants.

**National regulations:** **Germany:**  
**BetrSichV:** void **former VbF class:** AIII  
**Water hazard class (WGK):** 1  
**Amount of volatile organic compounds (VOC) in weight percent:** 100

### 16 Other information

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 and shall not establish a legally valid contractual relationship. Local, state and national regulations, laws, and regulations in force are to be obeyed by the recipient on his own responsibility.

Reserved for industrial and professional use.

Data changed compared with the previous version are marked with \*.

Full text of R-Phrases under section 2:

R 10 Flammable.  
R 38 Irritating to skin.  
R 65 Harmful: may cause lung damage if swallowed.  
R 66 Repeated exposure may cause skin dryness or cracking.

Previous revision date: 12.01.2005