

## 1. Product and Company Identification

### Trade name

DURA PUR HOT LIQUID CLEANER

### Company name

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### Intended use:

Cleaning agent

## 2. Hazards identification

The product is not hazardous within the meaning of the valid (EU) preparation guideline.

## 3. Composition / Information on ingredients

### Chemical characterization

CAS NO. Designation 25322-68-3  
Identification number: EINECS: except (polymer), the monomers are listed on EINECS

## 4. First-aid measures

**General information:** No special measures required.

**After skin contact:** Wash with plenty of water and soap.

**After eye contact:** Rinse open eye for at least 15 minutes under running water. If symptoms persist, consult a doctor.

**After ingestion:** Rinse out mouth and then drink water only if person affected is fully conscious. In case of persistent symptoms consult doctor.

## 5. Fire-fighting measures

**Suitable extinguishing media:** Foam, Dry chemicals; CO<sub>2</sub>; Water spray.

Use fire fighting measures that suit the environment.

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

**Special protection equipment for fire-fighters:** Choose protective equipment according to size of fire. If necessary wear self-contained breathing apparatus.

**Special hazards by the product itself:** In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>) can be released.

## 6. Accidental release measures

**Measures for personal safety:** Particular danger of slipping on leaked/spilled product.

**Environmental precautions:** Do not allow product to get into drains / surface water / ground water.

Do not allow to enter the ground / soil.

**Process for cleaning and take-up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).  
Flush away residues with plenty of water.

## 7. Handling and storage

**Handling:** Information about protection against explosions and fires: Follow general precautionary fire protection standards.

**Storage:** Storage class VCI-storage class: 10

Classification according Betriebssicherheitsverordnung (BetrSichV, Germany)

## 8. Exposure controls / personal protection

### Components with specific control parameters for workplace

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

#### Breathing equipment:

Not necessary if room is well-ventilated.  
Use breathing protection in case of insufficient ventilation.  
Use breathing protection only when aerosol of mist is formed.  
Use breathing protection with high concentrations.  
Filter A  
Filter A/P2  
Filter ABEK-P2  
(choose appropriate filter)

#### Hand protection

Suitable protective gloves. Material of gloves  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. Protective gloves should be replaced at first signs of wear.

**Eye protection:** Use safety glasses.

**Skin protection:** Protective work clothing.

**General protection and hygiene measures:** The usual precautionary measures should be adhered to in handling the chemicals. Use skin protection cream for preventive skin protection

## 9. Physical and chemical properties

### General characteristics

Delivery state	Liquid
Odor	Characteristic
Color	Colourless

### Change in condition

Setting temperature / range:	4-8 °C
Flash point:	appr. 240 °C
Ignition temperature:	appr. 370 °C
Vapour pressure at 20 °C:	< 0.1 hPa
Density (20 °C):	appr. 1.13-1,10 g/cm <sup>3</sup>
Solubility in / Miscibility with water:	fully miscible
Viscosity dynamic at 20 °C:	80-105 mPas
pH value (100 g/l) at 20 °C:	4-7

## 10. Stability and reactivity

**Thermal decomposition / Conditions to avoid:** No decomposition if handled according to specifications.

**Dangerous reactions:** None when used according to specifications

**Dangerous decomposition products:** May release carbon oxides on thermal decomposition

## 11. Toxicological information

### Acute toxicity:

LD/LC50 values that are relevant for classification

Oral LD 50 > 2000 mg/kg (rat)

Dermal LD 50 > 2000 mg/kg (rat)

### Primary irritant effect:

On the skin: No irritant effect

On the eye: No irritant effect

Sensitization: Not sensitizing effect

Additional toxicological information: Not mutagen

(Ames test; OECD TG 471)

## 12. Ecological information

### Information about elimination (persistence and degradability)

Readily biodegradable. (OECD 301 A (new version); DOC-Reduction > 70 % (21d))

## 13. Disposal considerations

### Product:

Recommendation: Dispose of in accordance with local regulations e.g. by incineration.

Waste disposal key number: The Waste disposal key number has to be classified according to the European waste catalogue corresponding to the branch of industry and processing of the product.

### Uncleaned packagings:

Recommendation: Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.

## 14. Transport information

Not hazardous according to RID, ADR, IMDG, GGVs/GGVE, ADNR, ICAO-TI/IATA-DGR

## 15. Regulations – classification and identification

### Designation according to EC guidelines:

The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Material (GefStoffV).

### National regulations:

Decree to be applied in case of technical fault:

The product is not subject to statutory order on hazardous incidents (Germany).

Classification acc. to VbF: void

Classification acc. to Betriebssicherheitsverordnung (BetrSichV, Germany) -

Water hazard class (Germany):

WGK 1: low hazard to waters

## 16. Other information

This information is based on our present state of knowledge. It is furnished in good faith, without warranty, representation or license of any kind, except that this information is accurate to the best of IFS's knowledge, or it is obtained from sources believed by IFS to be accurate. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

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