



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

1.1. Product identifier

Name of product Diamantfluid Hyprez® W, wasserlöslich

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

Identified uses

Sector of uses [SU]

SU22 - Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
SU3 - Industrial uses: Uses of substances as such or in preparations at industrial sites

Product categories [PC]

Polishing agent
Abrasive

Uses advised against

Product categories [PC]

PC9a - Coatings and paints, thinners, paint removers

! Recommended intended purpose(s)

Polishing agent for the treatment of metallic surfaces and painted surfaces

1.3. Details of the supplier of the safety data sheet

Manufacturer/distributor

joke Technology GmbH
Asselborner Weg 14-16, D-51429 Bergisch Gladbach
Phone +49 (0) 22 04 / 8 39-0, Fax +49 (0) 22 04 / 8 39-60
E-Mail info@joke.de
Internet www.joke.de

Advice

Phone +49 (0) 22 04 / 8 39-0
Fax +49 (0) 22 04 / 8 39-60
E-mail (competent person):
safety-data-sheet@joke.de

1.4. Emergency telephone number

Emergency advice

Vergiftungs-I-Z. Freiburg
Phone +49 (0) 761 / 1 92 40
REACH and CLP UK CA Help Desk; Telephone: +44
171 635 9191

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Hazard classes and Hazard categories	Hazard Statements	Classification procedure
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Repr. 1B	H360FD	
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Hazard statements for health hazards

H360FD	May damage fertility. May damage the unborn child.
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2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]



GHS08

Signal word

Danger

Hazard statements for health hazards

H360FD May damage fertility. May damage the unborn child.

Precautionary Statements

Prevention

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response

P308 + P313 IF exposed or concerned: Get medical advice/attention.

Storage

P405 Store locked up.

Disposal

P501 Dispose of contents and containers in accordance with local, regional, national and international regulations.

2.3. Other hazards

Adverse human health effects and symptoms

May irritate nasal mucosa and respiratory tract.
May cause slight skin irritation.

Information pertaining to special dangers for human and environment

May impair fertility.
Possible risk of harm to the unborn child.

Results of PBT and vPvB assessment

No data available

SECTION 3: Composition/ information on ingredients

3.1. Substances

not applicable

3.2. Mixtures

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
1303-96-4	215-540-4	disodium tetraborate decahydrate	1 - 5	Repr.Cat.2 R60-61
57-55-6	200-338-0	Propylenglykol	30 - 60	
56-81-5	200-289-5	glycerol	1 - 5	



Hazardous ingredients (continued)

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
1303-96-4	215-540-4	disodium tetraborate decahydrate	1 - 5	Repr. 1B, H360FD
57-55-6	200-338-0	Propylenglykol	30 - 60	keine
56-81-5	200-289-5	glycerol	1 - 5	keine

REACH

CAS No	Name	REACH registration number
1303-96-4	disodium tetraborate decahydrate	01-2119490790-32
57-55-6	Propylenglykol	01-2119456809-23
56-81-5	glycerol	01-2119471987-18

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated soaked clothing immediately.
In the event of persistent symptoms receive medical treatment.
Take affected person into fresh air.
In case of breathing difficulties give oxygen.

In case of inhalation

In case of inhalation remove the casualty into fresh air and seek medical advice.

In case of skin contact

In case of contact with skin wash off with soap and water.
Refer for medical treatment.

In case of eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

In case of ingestion

Seek medical advice immediately.

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

Physician's information / possible symptoms

Irritating

Physician's information / possible dangers

No data available

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

Treatment (Advice to doctor)

Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam
Dry powder
Carbon dioxide



Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Carbon monoxide (CO)

Carbon oxides

Carbon dioxide (CO₂)

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Wear full protective clothing.

Additional information

Cool endangered containers with water spray jet.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Ensure adequate ventilation.

Remove persons to safety.

Keep people away and stay on the upwind side.

Use personal protective clothing.

Keep away sources of ignition.

High risk of slipping due to leakage/spillage of product.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

In case of pollution of waters or sewers, inform the competent authorities.

6.3. Methods and material for containment and cleaning up

Send in suitable containers for recovery or disposal.

Take up with absorbent material.

After taking up the material dispose according to regulation.

Take up mechanically and send for disposal.

Additional Information

Informations for safe handling see chapter 7.

Informations for personal protective equipment see chapter 8.

Informations for disposal see chapter 13.

6.4. Reference to other sections

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8

Emergency telephone number: see section 1



SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

General protective measures

Avoid contact with eyes and skin

Do not inhale gases/vapours/aerosols.

Do not inhale dust.

Hygiene measures

At work do not eat, drink and smoke.

Remove soiled or soaked clothing immediately.

Wash soiled clothing immediately.

Wash hands before breaks and after work.

Advice on protection against fire and explosion

Keep away from sources of ignition

Pay attention to general rules of internal fire prevention.

Avoid formation of dust.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in closed original container.

Advice on storage compatibility

Store and transport separate of food.

Do not store together with animal feedstuffs.

Store cool and at distance to acids or alkalies or combustible materials.

Do not store together with oxidizing agents.

Further information on storage conditions

Store at cool and aired place.

Information on storage stability

no

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice

No data available

8.2. Exposure controls

Respiratory protection

Breathing apparatus in the event of high concentrations.

Hand protection

Protective gloves

Eye protection

safety goggles



Other protection measures

protective clothing

Limitation and surveillance of the environment

Product related measures to prevent exposure

Take appropriate protective measures to limit or prevent emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

liquid

Colour

colourless

Odour

odourless

Odour threshold

No data available

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value	ca. 7				
boiling point	100 °C				
melting point	not determined				
Flash point	93,3 °C				
Vapourisation rate	ca. 1 g/h				
Flammable (solid)	not determined				
Flammability (gas)	not determined				
Ignition temperature	not determined				
Self ignition temperature	not determined				
Lower explosion limit	not determined				
Upper explosion limit	not determined				
Vapour pressure	not determined				
Relative density	not determined				
Bulk density	not determined				
Vapour density	not determined				
Solubility in water					soluble
Solubility/other	not determined				



	Value	Temperature	at	Method	Remark
Partition coefficient n-octanol/water (log P O/W)	not determined				
Decomposition temperature	not determined				
Viscosity	5 - 10 cP				
Solvent separation test	not determined				
Solvent content	not determined				
Water content	not determined				
Solids content	not determined				
Combustion value	not determined				
Oxidising properties No data available					
Explosive properties No data available					
9.2. Other information No information available.					

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions known.

10.2. Chemical stability

stable

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

High temperatures, ignition sources, incompatible materials

10.5. Incompatible materials

Substances to avoid

Oxidising agent, strong

10.6. Hazardous decomposition products

Carbon monoxide

Carbon dioxide

Hydrocarbons



SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity/Irritation/Sensitization

	Value/Validation	Species	Method	Remark
LD50 acute oral	22000 mg/kg	rat	LD50	
LD50 acute dermal	> 2000 mg/kg	rabbit	LD50	
LC50 acute inhalation	2030 mg/l ()	rat	LD50	
Skin irritation	irritant			
Eye irritation	irritant			
Skin sensitization	No data available			
Sensitization respiratory system	No data available			

Subacute Toxicity - Carcinogenicity

	Value	Species	Method	Validation
Subacute Toxicity				No data available
Subchronic Toxicity				No data available
Chronic Toxicity				No data available
Mutagenicity				No data available
Reproduction-Toxicity				Indications of toxic effects are available from reproduction studies in animals.
Carcinogenicity				No data available
Specific target organ toxicity (single exposure)	No data available			
Specific target organ toxicity (repeated exposure)	No data available			
Aspiration hazard	No data available			
Toxicity test (Additional information)	Indications of genotoxic effects at humans are available from reproduction studies in animals.			



Experiences made from practice

No data available

Additional information

No data available

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicological effects

	Value	Species	Method	Validation
Fish	LC50 > 100 mg/l (96 h)	Oncorhynchus mykiss		
Daphnia	LC50 1955 mg/l (48 h)	Daphnia magna		
Algae	EC50 > 100 mg/l (72 h)	Selenastrum capricornutum		
Bacteria	EC50 > 20000 mg/l (18 h)	Pseudomonas putida		

12.2. Persistence and degradability

	Elimination rate	Method of analysis	Method	Validation
Physico-chemical degradability	No data available			
Biological degradability	No data available			
Degradability	No data available			
Biological eliminability	No data available			
Degradability according to WRMG	No data available			

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

No data available

Behaviour in sewage plant

No data available

Additional ecological information



	Value	Method	Remark
OC	No data available		
COD	No data available		
BOD	No data available		
AOX	No data available		

Contains following heavy metals and compounds of the 76/464/EWG
 No data available

General regulation
 No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recommendations for the product

Remove in accordance with local official regulations.

Recommendations for packaging

Dispose of according to official regulations.

Recommended cleansing agent

No data available

SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
14.1. UN number	-	-	-
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
14.4. Packing group	-	-	-
14.5. Environmental hazards	-	-	-

14.6. Special precautions for user

No data available

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

No data available

Land and inland navigation transport ADR/RID

Not classified.

Marine transport IMDG

No data available

Air transport ICAO/IATA-DGR

No data available



Transport/further information

No data available

SECTION 15: Regulatory information

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

National regulations

Water hazard class 1 VwVwS v. 27.05.2005

15.2. Chemical Safety Assessment

No information available.

SECTION 16: Other information

Training advice

no

Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed.

Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 2.0

Sources of key data used

European Chemicals Agency, <http://echa.europa.eu/>.

Wording of the R/H-phrases specified in chapter 3 (not the classification of the mixture!)

R 60 May impair fertility.

R 61 May cause harm to the unborn child.

H360FD May damage fertility or the unborn child (state specific effect if known) (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).