



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

1.1. Product identifier

Name of product joke Clean 260 D&S

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]

PC35 - Washing and cleaning products (including solvent based products)

Recommended intended purpose(s)

Cleaner and degreaser

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) 2204 - 839 - 0, Fax +49 (0) 2204 - 839 - 60
E-Mail info@joke.de
Internet www.joke.de

Advice

Markus Abstoss
Phone +49 (0) 2204 - 839 - 577
Fax +49 (0) 2204 - 839 - 60
E-mail (competent person):
m.abstoss@joke.de

1.4. Emergency telephone number

Emergency advice

Vergiftungs-I-Z. Freiburg
Phone +49 (0) 7 61 - 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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Eye Irrit. 2	H319	
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Hazard statements for physical hazards

No information available.

Hazard statements for health hazards

H319 Causes serious eye irritation.

Hazard statements for environmental hazards

No information available.

2.2. Label elements

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



GHS07

Signal word

Warning

Hazard statements for physical hazards

No information available.

Hazard statements for health hazards

H319 Causes serious eye irritation.

Hazard statements for environmental hazards

No information available.

Precautionary Statements

Prevention

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response

P301 + P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/attention.

Disposal

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

2.3. Other hazards

Other adverse effects

No information available.

Information pertaining to special dangers for human and environment

Harmful by inhalation.

Harmful if swallowed.

Harmful to aquatic organisms.

Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/ information on ingredients

3.1. Substances

not applicable

3.2. Mixtures

Description

Foam-inhibited aqueous neutral mixture of anionic and nonionic surfactants, complexing agents and phosphates.



Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
166736-08-9	605-450-7	2-PROPYLHEPTANOL, ETHOXYLIERT, PROPOXYLIERT, POLYMER	< 5	Eye Dam. 1, H318 / Acute Tox. 4, H302 / Skin Irrit. 2, H315
69011-36-5	931-138-8	Isotridecanoethoxylat	< 5	Eye Dam. 1, H318 / Aquatic Chronic 3, H412
15763-76-5	239-854-6	Natriumcumolsulfonat	< 5	Eye Irrit. 2, H319
164524-02-1	629-764-9	Kaliumcumolsulfonat	< 5	Eye Irrit. 2, H319
27458-92-0	248-469-2	Isotridecanol	< 0,2	Skin Irrit. 2, H315 / Aquatic Acute 1, H400 / Aquatic Chronic 1, H410

REACH

CAS No	Name	REACH registration number
15763-76-5	Natriumcumolsulfonat	01-2119489411-37
164524-02-1	Kaliumcumolsulfonat	01-2119489427-24

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the event of persistent symptoms receive medical treatment.
Take affected person into fresh air.

In case of inhalation

Ensure of fresh air.
Refer for medical treatment.

In case of skin contact

In case of contact with skin wash off with water.
Consult a doctor if skin irritation persists.

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

Do not induce vomiting.
Call for a doctor immediately.
Rinse out mouth and give plenty of water to drink.

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

Physician's information / possible symptoms

No information 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

water
Fire-extinguishing activities according to surrounding.
Foam
Dry powder



Carbon dioxide

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of fire formation of dangerous gases possible.

In the event of fire the following can be released:

Carbon monoxide (CO)

Phosphorus oxides (e.g. phosphoruspentoxide)

Sulfur oxide

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply (isolated).

Wear full protective clothing.

Do not inhale explosion and/or combustion gases.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Use personal protective clothing.

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

For emergency responders

Use personal protective clothing.

Forms slippery surfaces with water.

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

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

Take up residues with absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr).

Flush away residues with water.

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Open and handle container with care!

Take the usual precautions when handling with chemicals.



General protective measures

Avoid contact with eyes and skin
Do not inhale aerosols

Hygiene measures

Provide washing facilities at place of work.
Keep away from food and drink.

Advice on protection against fire and explosion

The product is not combustible.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep only in original container (with safety valve).

Advice on storage compatibility

Do not store with acids.
Do not store together with food.

Further information on storage conditions

Keep locked up, out of reach of children
Protect from heat and direct solar radiation.
Do not keep at temperatures below 5°C.
Do not keep at temperatures above 30°C.

Information on storage stability

Storage time: 3 years.

Storage group 12

7.3. Specific end use(s)

Recommendation(s) for intended use

No information available.

Particular industry solution(s) for intended use

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Respiratory protection

Breathing apparatus in the event of high concentrations.

Hand protection

Protective gloves

Eye protection

tightly fitting goggles

Other protection measures

No information available.

Limitation and surveillance of the environment

Take appropriate protective measures to limit or prevent emissions.

Appropriate engineering controls

ventilation system



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance liquid	Colour yellowish	Odour characteristic
Odour threshold not determined		

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value	ca. 7,1				
boiling range	>= 100 °C				
Melting point / Freezing point	not determined				
Flash point					No flash point below 100°C.
Vapourisation rate	0,36 g/h			ASTM D3539	
Flammable (solid)	not applicable				
Flammability (gas)	not applicable				
Ignition temperature	not determined				
Self ignition temperature					The product is not self-igniting.
Lower explosion limit	not applicable				
Upper explosion limit	not applicable				
Vapour pressure	ca. 23 hPa	20 °C			
Relative density	1,059 g/cm ³				
Bulk density	920 kg/m ³				
Vapour density	not determined				
Solubility in water					miscible
Solubility/other	not determined				
Partition coefficient n-octanol/water (log P O/W)	-1,1				For: Natriumcumolsulfonat
Decomposition temperature	not determined				



	Value	Temperature	at	Method	Remark
Viscosity not applicable	not determined				
Solvent separation test	not determined				
Solvent content	0 %				
Water content	not determined				
Solids content	not determined				
Combustion value	not determined				
Sensitiveness to impact	not determined				
Oxidising properties	no				
Explosive properties	no				
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

Direct sunlight.

10.5. Incompatible materials

Substances to avoid

No information available.

10.6. Hazardous decomposition products

No hazardous decomposition products known.

Additional information

No data available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity/Irritation/Sensitization



	Value/Validation	Species	Method	Remark
LD50 acute oral	> 5000 mg/kg		ATE (acute toxicity estimate)	
LD50 acute dermal	> 5000 mg/kg		ATE (acute toxicity estimate)	
LC50 acute inhalation	9,3 mg/l ()		ATE	
Skin irritation	non-irritant			
Eye irritation	irritant			
Skin sensitization	non-sensitizing			
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
Reproduction-Toxicity				no
Carcinogenicity				no
Specific target organ toxicity (single exposure)				no
Specific target organ toxicity (repeated exposure)				no
Aspiration hazard				no
Experiences made from practice				Has a degreasing effect on the skin.



SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicological effects

	Value	Species	Method	Validation
Fish	LC50 8,8 mg/l			
Daphnia	EC50 7,3 mg/l			
Algae	EC50 8,6 mg/l			
Bacteria				No data available

12.2. Persistence and degradability

	Elimination rate	Method of analysis	Method	Validation
Physico-chemical degradability	No data available			
Biological degradability	> 80 %	DOC decrease		readily degradable
Degradability	not determined			

12.3. Bioaccumulative potential

Isotridecanol: Bioaccumulation potentially possible (log Pow: 5.57).

12.4. Mobility in soil

no

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No information available.

Additional ecological information

	Value	Method	Remark
COD	ca. 450 mgO ₂ /g		
AOX	not applicable		

Contains following heavy metals and compounds of the 76/464/EWG

not applicable

General regulation

Do not allow uncontrolled leakage of product into the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste code No.

20 01 30

Name of waste

detergents other than those mentioned in 20 01 29



Recommendations for the product

Must not be disposed together with household garbage.
Product is allowed to discharge into sewage treatment plants, but in accordance with official regulations.

Recommendations for packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Recommended cleansing agent

water

General information

no

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

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

not applicable

Land and inland navigation transport ADR/RID

No dangerous goods as defined by these transport regulations.

Marine transport IMDG

No dangerous goods as defined by these transport regulations.

Air transport ICAO/IATA-DGR

No dangerous goods as defined by these transport regulations.

Transport/further information

no

SECTION 15: Regulatory information

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

Authorizations

No data available

Application restrictions

no



Other regulations (EU)

Contains no hazardous material listed in Directive 2012/18 / EU.
Regulation (EC) No 648/2004 (Detergents regulation).

VOC standard

VOC content 0 %

National regulations

Water hazard class 2 Mixture-WGK

Decree for case of interference/remarks Accident Ordinance, Annex I: not specified.

15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed.

Further information

- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.