

SAFETY DATA SHEET

Pureclean Power

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued 10.12.2009
Revision date 12.02.2016

1.1. Product identifier

Product name Pureclean Power

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

Use of the substance/preparation Industrial cleaner

1.3. Details of the supplier of the safety data sheet

Company name KJEMI AS
Office address Forusbeen 226
Postal address Forusbeen 210
Postcode 4313
City Sandnes
Country Norway
Tel +47 51 78 82 50
Fax +47 51 78 82 51
E-mail post@kjemias.no
Website <http://www.kjemias.no>
Enterprise no. 887 931 402

1.4. Emergency telephone number

SECTION 2: Hazards identification

2.1. Classification of substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP/GHS] Eye Dam. 1; H318

2.2. Label elements

Hazard Pictograms (CLP)



Composition on the label C9-11 Alcohol ethoxylate:< 3,5 %
Signal word Warning
Hazard statements H318 Causes Serious eye damage.
Precautionary statements P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children. P305+P351+P338+P313 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing. Get Medical attention

2.3. Other hazards

Other hazards

Prolonged and repeated skin contact may cause degreasing of the skin and irritation.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents
C9-11 Alcohol ethoxylate	CAS no.: 68439-46-3 EC no.: 500-084-3	Acute tox. 4; H302 Eye Dam. 1; H318	< 3,5 %
Substance comments	Also contains other ingredients that are not subject to notice. Polyethylen glycol Water based product		

SECTION 4: First aid measures

4.1. Description of first aid measures

General	Remove affected person from source of contamination. Normal first aid, rest, warmth and fresh air. Contact physician if the discomfort remains.
Inhalation	Move the exposed person to fresh air. Get medical attention if any discomfort continues
Skin contact	Wash skin with soap and water. Contact your doctor if pain persists.
Eye contact	Rinse immediately with plenty of water while lifting the eye lids. Continue to rinse for at least 5 minutes. Contact physician. Continue to rinse eye under transport.
Ingestion	Rinse mouth thoroughly and drink plenty of water

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

Information for health personnel	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
General symptoms and effects	Serious eye damage and may cause skin irritation
Acute symptoms and effects	Cause serious eye damage
Delayed symptoms and effects	May cause degreasing and skin irritation.

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

Medical treatment	Contact an Ophthalmologist
Specific details on antidotes	unknown

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Cool down and remove containers (if possible) that are being exposed to heat. Use water spray, carbon dioxide, dry powder or alcohol resistant foam
Improper extinguishing media	Water jet

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	Not flammable. Creates COx when in contact with fire
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5.3. Advice for firefighters

Personal protective equipment	Firefighters should use fresh air supplied protective equipment.
Other Information	Move container close to fire and cool down with water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Stop uncontrolled leakage
Personal protection measures	Use personal protective equipment (Item 8) Use Personal Protective Equipment (Item 8) Avoid inhalation of vapors

6.1.1. For non-emergency personnel

Personal precautions	evacuate the area.
Protective equipment	Use personal protective equipment listed in section 8.
Emergency procedures	Stop leak if safe to do so.

6.1.2. For emergency responders

For emergency responders	Bruk verneutstyr som beskrevet i seksjon 8.
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6.2. Environmental precautions

Environmental precautionary measures	Avoid uncontrolled leakage to the environment
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6.3. Methods and material for containment and cleaning up

Cleaning method	Remove with absorbing agents such as sand, woodchip etc. Non-hazardous waste can be disposed in the usual filling.
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6.4. Reference to other sections

Other instructions	See section 1 for emergency number. See section 8 for PPE. See Section 13 for disposal of waste.
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SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Handling	Use personal protective equipment (Item 8). Avoid contact with skin and eyes. Avoid inhalation of steam.
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Protective Safety Measures

Advice on general occupational hygiene	Wash hands after contact with the Product. Don't eat and drink when handling the Product.
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7.2. Conditions for safe storage, including any incompatibilities

Storage	Store frost-free. Keep out of reach of children
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7.3. Specific end use(s)

Specific use(s)	Industrial cleaner
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SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Occupational Exposure limit values**

Substance	Identification	Value	TWA Year
C9-11 Alcohol ethoxylate	CAS no.: 68439-46-3 EC no.: 500-084-3		

8.2. Exposure controls

Limitation of exposure on workplace	Water for flushing eyes must available in the workplace
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Respiratory protection

Respiratory protection	Not required
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Hand protection

Hand protection	For prolonged or repeated skin contact should be used protective gloves made of nitrile or butyl rubber. Nitrile, vitongummi Penetration > 8 hours
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Eye / face protection

Eye protection	goggles
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Other Information

Other Information	Do not eat, smoke or drink when handling the product
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SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state	Liquid
pH (as supplied)	Value: ~ 9
Boiling point / boiling range	Value: 100 °C
Vapour pressure	Value: < 0,01 Test temperature: ~ 21 °C
Vapour density	Value: 0,99-1,01
Specific gravity	Value: ~ 1,0
Solubility in water	Soluble

9.2. Other information

Other physical and chemical properties

Physical and chemical properties	Soluble in water
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Stable under recommended storage and handling conditions
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10.2. Chemical stability

Stability	Stable under recommended storage and handling conditions
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No risk for dangerous reactions if handled as described in this SDS.
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10.4. Conditions to avoid

Conditions to avoid	Avoid heat
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10.5. Incompatible materials

Materials to avoid	Strong oxidizing agents
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10.6. Hazardous decomposition products

Hazardous decomposition products	Fire creates toxic gases: CO, CO ₂ ,
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological data for substances

Substance	C9-11 Alcohol ethoxylate
LD50 oral	Value: 1400 mg/kg Animal test species: rat
LD50 dermal	Value: > 2000 mg/kg Animal test species: Rabbit

Potential acute effects

Inhalation	Inhalation of vapors may cause irritation of the upper respiratory tract
Skin contact	Repeated or prolonged skin contact may cause dry and cracked skin
Eye contact	Causes serious eye damage.
Ingestion	May cause irritation to mucous membranes in the mouth, throat and gastrointestinal system

Carcinogenic, Mutagenic or Reprotoxic

Carcinogenicity	This product is not listed on the cancer list
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SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity	Not considered hazardous
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Toxicological data for substances

Substance	C9-11 Alcohol ethoxylate
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Acute aquatic, fish	Value: 11 mg/L Method of testing: LC 50 Duration: 96 h
Acute aquatic, Daphnia	Value: 5,3-12 mg/L Method of testing: EC50 Duration: 48 h
Biodegradability	Value: 70 % Test period: 28 days Comments: Biodegradable

12.2. Persistence and degradability

Persistence and degradability Biological easily degradable.

12.3. Bioaccumulative potential

Bioaccumulative potential Not bioakkumulierbar in water environments

12.4. Mobility in soil

Mobility Water soluble

12.5. Results of PBT and vPvB assessment

PBT assessment results Not applicable, based on available data.

vPvB evaluation results Not applicable, based on available data.

12.6. Other adverse effects

Other adverse effects / Remarks Not determined

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Specify the appropriate methods of disposal	Absorb in vermiculite or dry sand, dispose in regular dump
Product classified as hazardous waste	Yes
Packaging classified as hazardous waste	No
EWC waste code	EWC: 070601 aqueous washing liquids and mother liquors

SECTION 14: Transport information

14.1. UN number

Comments Not applicable.

14.2. UN proper shipping name

Comments Not applicable.

14.3. Transport hazard class(es)

Comments Not applicable.

14.4. Packing group

Comments Not applicable.

14.5. Environmental hazards

Comments See section 12.

14.6. Special precautions for user

Special safety precautions for user Avoid contact with eyes.

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

Additional information. Not dangerous goods

SECTION 15: Regulatory information

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

Declaration no.	600649
Legislation and regulations	Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REAH). Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation). Regulation on classification and labeling of Dangerous Chemicals (miljødepartementet). Biocidal products regulation. Transport regulations, ADR/RID/IMDG.

15.2. Chemical safety assessment

Additional regulatory info Information given in this SDS shall not be used as risk assessment.

SECTION 16: Other information

Supplier's notes	Kjemi AS is not responsible for any errors or omissions in information provided by the supplier/manufacturer/importer
Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]	Eye Dam. 1; H318;
List of relevant H-phrases (Section 2 and 3).	H318 Causes Serious eye damage. H302 Harmful if swallowed.
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Responsible for safety data sheet	KJEMI AS
Prepared by	KJEMI AS