SAFETY DATA SHEET

Power Cut

The safety data sheet is in accordance with Commission Regulation (EU) 2020/878 of 18 June 2020 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	11.08.2009
Revision date	24.03.2021

1.1. Product identifier

Product name	Power Cut
Article no.	20405

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

Product group	PROFESSIONAL LUBRICANT SYSTEM
Use of the substance / mixture	Cutting oil.
Professional use	Yes
Consumer use	Yes

1.3. Details of the supplier of the safety data sheet

Supplier

Company name	VEIDEC AB
Office address	Videvägen 9
Postal address	Videvägen 9
Postcode	247 64
City	Veberöd
Country	Sweden
Telephone number	+46 46 238900
Fax	+46 46 23 89 09
Email	nina.mandahl@veidec.se
Website	www.veidec.com
Contact person	Nina Mandahl

1.4. Emergency telephone number

Emergency telephone	Telephone number: 112 Description: Poison center

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Aerosol 1; H222 Aerosol 1; H229 EUH 208

2.2. Label elements

Hazard pictograms (CLP)

Signal word	Danger
Hazard statements	H222 Extremely flammable aerosol. H229 Pressurised container: May burst if heated. EUH 208 Contains Polysulfides, di-tert-dodecyl. May produce an allergic reaction.
Precautionary statements	P251 Do not pierce or burn, even after use. P410+P412 Protect from sunlight. Do no expose to temperatures exceeding 50 °C / 122°F. P211 Do not spray on an open flame or other ignition source. P210 Keep away from heat / sparks / open flames / hot surfaces. – No smoking. P102 Keep out of reach of children.

2.3. Other hazards

Other hazards	No information.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents	Notes
Mineral oil	CAS No.: 8042-47-5 EC No.: 232-455-8 REACH Reg. No.: 01-2119487078-27	Asp. Tox. 1; H304	70 - 90 %	
Propane	CAS No.: 74-98-6 EC No.: 200-827-9 Index No.: 601-003-00-5 REACH Reg. No.: 01-2119486944-21	Flam. Gas 1; H220; Press. Gas (Comp.) ; CLP classification, notes: U	1 - 10 %	
Butane	CAS No.: 106-97-8 EC No.: 203-448-7	Flam. Gas 1; H220; Press. Gas (Comp.) ;	1 - 10 %	

	Index No.: 601-004-00-0 REACH Reg. No.: 01-2119474691-32	CLP classification, notes: C; U	
Polysulfides, di-tert-dodecyl	CAS No.: 68425-15-0 EC No.: 270-335-7 REACH Reg. No.: 01-2119540516-41	Skin Sens. 1; H317	< 1 %
Remarks, substance	The full text for all hazard statements is displayed in section 16.		

SECTION 4: First aid measures

4.1. Description of first aid measures

General	Get medical attention if any discomfort continues.
Inhalation	Fresh air.
Skin contact	Rinse with water.
Eye contact	Rinse cautiously with water for several minutes.
Ingestion	Do not induce vomiting.

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

General symptoms and effects	Vapours may cause headache, fatigue, dizziness and nausea.

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

Separate first aid equipment	No recommendation given.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Water spray, dry powder or carbon dioxide.
Improper extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	Aerosol containers can explode when heated, due to excessive pressure build-up.

5.3. Advice for firefighters

Fire fighting procedures	Follow the general fire precautions indicated by the workplace.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Provide adequate ventilation.

6.2. Environmental precautions

Environmental precautionary measures	Not relevant considering the small amounts used.

6.3. Methods and material for containment and cleaning up

Containment	Take mixture to a safe open place for atmospheric evaporation.
Clean up	Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate.

6.4. Reference to other sections

Additional information	For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Provide good ventilation.

Protective safety measures

Safety measures to prevent fire	Take precautionary measures against static discharges.
Advice on general occupational hygiene	Wash at the end of each work shift and before eating, smoking and using the toilet.

7.2. Conditions for safe storage, including any incompatibilities

Storage	Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. Keep in original container.

Conditions for safe storage

Technical measures and storage conditions	No special precautions.

7.3. Specific end use(s)

Specific use(s)	No recommendation given.

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Mineral oil	CAS No.: 8042-47-5	Limit value (8 h) : 1 mg/m³ **Limit value (short term)** Value: 3 mg/m³	
Butane	CAS No.: 106-97-8	Limit value (8 h) : 600 ppm Limit value (8 h) : 1450 mg/m³ **Limit value (short term)** Value: 750 ppm **Limit value (short term)** Value: 1810 mg/m³ **Exposure limit letter** Letter code: Carc	

DNEL / PNEC

Substance	Mineral oil
DNEL	**Group:** Professional **Route of exposure:** Long-term dermal (systemic) **Value:** 220 mg/kg bw/day **Group:** Professional **Route of exposure:** Long-term inhalation (systemic) **Value:** 160 mg/m³

8.2. Exposure controls

Precautionary measures to prevent exposure

Appropriate engineering controls	No special precautions.

Eye / face protection

Suitable eye protection	Under normal conditions of use eye protection is not required.

Hand protection

Skin- / hand protection, long term contact	Gloves are recommended for prolonged use.
Suitable materials	Nitrile.
Breakthrough time	Value: 480 minute(s)
Thickness of glove material	Value: ≥ 0,35 mm

Skin protection

Suitable protective clothing	Not relevant.

Respiratory protection

Recommended type of equipment	Under normal conditions of use respiration protection should not be required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Aerosol.
Colour	Yellowish.
Odour	Organic solvents.
pH	Comments: Not relevant.
Freezing point	Reason for waiving data: No data.
Boiling point / boiling range	Reason for waiving data: No data.
Flash point	Reason for waiving data: Not applicable
Explosion limit	Value: 1,8 -9 %

	Comments: Butane
Vapour pressure	Value: 4100 hPa
Density	Value: 0,78 g/cm³
Solubility	Comments: Not soluble in water.
Auto-ignition temperature	Reason for waiving data: Not applicable
Viscosity	Reason for waiving data: Not applicable

9.2. Other information

Physical hazards

Content of VOC	Value: 10,5 %

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	No specific conditions are likely to result in a hazardous situation.

10.2. Chemical stability

Stability	Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No data recorded.

10.4. Conditions to avoid

Conditions to avoid	Avoid exposing aerosol containers to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials to avoid	None in particular.

10.6. Hazardous decomposition products

Hazardous decomposition products	None under normal conditions.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Substance	Mineral oil
Acute toxicity	**Effect tested:** LD50 **Route of exposure:** Oral **Value:** > 5000 mg/kg **Animal test species:** Rat **Effect tested:** LD50 **Route of exposure:** Dermal

	Value: > 2000 mg/kg **Animal test species:** Rabbit **Effect tested:** LD50 **Route of exposure:** Inhalation. **Value:** > 5000 mg/m³ **Animal test species:** Rat

Other information regarding health hazards

Assessment of acute toxicity, classification	Based on available data, the classification criteria are not met.
Assessment of skin corrosion / irritation, classification	Based on available data, the classification criteria are not met.
Assessment of eye damage or irritation, classification	Based on available data, the classification criteria are not met.
Assessment of respiratory sensitisation, classification	Based on available data, the classification criteria are not met.
Assessment of skin sensitisation, classification	Based on available data, the classification criteria are not met.
Sensitisation	The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals in contact with skin.
Assessment of germ cell mutagenicity, classification	Based on available data, the classification criteria are not met.
Assessment of carcinogenicity, classification	Based on available data, the classification criteria are not met.
Assessment of reproductive toxicity, classification	Based on available data, the classification criteria are not met.
Assessment of specific target organ toxicity - single exposure, classification	Based on available data, the classification criteria are not met.
Assessment of specific target organ toxicity - repeated exposure, classification	Based on available data, the classification criteria are not met.
Assessment of aspiration hazard, classification	Based on available data, the classification criteria are not met.

11.2 Other information

SECTION 12: Ecological information

12.1. Toxicity

Substance	Mineral oil
Aquatic toxicity, fish	**Toxicity type:** Acute **Value:** 96 mg/l **Effect dose concentration:** LC50 **Exposure time:** > 1000 hour(s) **Species:** Leuciscus idus
Substance	Mineral oil

Aquatic toxicity, algae	**Toxicity type:** Acute **Value:** 48 mg/l **Effect dose concentration:** LC50 **Exposure time:** > 100 hour(s) **Species:** Daphnia magna
Substance	Mineral oil
Plant toxicity	**Toxicity type:** Acute **Value:** 72 **Effect dose concentration:** NOEC **Exposure time:** > 100 hour(s) **Species:** Pseudokirchneriella subcapitata

12.2. Persistence and degradability

Persistence and degradability description/evaluation	There are no data on the degradability of this product.

12.3. Bioaccumulative potential

Bioaccumulation, comments	No data available on bioaccumulation.

12.4. Mobility in soil

Mobility	No data recorded.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	This product does not contain any PBT or vPvB substances.

12.6. Endocrine disrupting properties

12.7. Other adverse effects

Additional ecological information	No recommendation given.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

EWL packing	EWC waste code: 150110 packaging containing residues of or contaminated by dangerous substances Classified as hazardous waste: Yes

SECTION 14: Transport information

14.1. UN number

ADR/RID/ADN	1950
IMDG	1950
ICAO/IATA	1950

14.2. UN proper shipping name

ADR/RID/ADN	AEROSOLS
IMDG	AEROSOLS
ICAO/IATA	AEROSOLS, FLAMMABLE

14.3. Transport hazard class(es)

ADR/RID/ADN	2.1
IMDG	2.1
ICAO/IATA	2.1

14.4. Packing group

Comments	Not relevant.

14.5. Environmental hazards

Comments	Not relevant.

14.6. Special precautions for user

Special safety precautions for user	Not relevant.

14.7. Maritime transport in bulk according to IMO instruments

Transport in bulk (yes/no)	No

IMDG Other information

EmS	F-D, S-U

SECTION 15: Regulatory information

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

Legislation and regulations	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. 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)

15.2. Chemical safety assessment

Chemical safety assessment	Not relevant.
Exposure scenario comments	Not relevant.

SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3)	EUH 208 Contains . May produce an allergic reaction. H220 Extremely flammable gas. H222 Extremely flammable aerosol. H229 Pressurised container: May burst if heated. H304 May be fatal if swallowed and enters airways. H317 May cause an allergic skin reaction.
CLP classification, comments	H222 H229 EUH208 Calculation method.
Revision justification	Change in the mixture classification.
Information added, deleted or revised	Change to Sections: P2 P3 P8 P9 P11
Version	6
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