

# MATERIAL SAFETY DATA SHEET – DPF EXTRA POWER

SDS Based on Commission Regulation (EU) No. 2020/878 amending Regulation EC No. 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

Version: 2.0/ENG

Date of issue: 28.01.2023

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

### 1.1. Product identifier

Trade name: DPF CLEANER EXTRA POWER

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

*Relevant identified uses:* For professional use.

*Uses advised against:* not determined.

### 1.3. Details of the supplier of the safety data sheet

*Supplier:* XTON s.c.  
Ul. Franciszka Żwirki 31  
33-300 Nowy Sącz POLAND  
Tel.: +48 18 479 16 01  
[info@xton.eu](mailto:info@xton.eu) / [www.xton.eu](http://www.xton.eu)

*Emergency telephone number:* 112

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## SECTION 2: Hazards identification

### 2. Mixture classification

Eye Irrit. 2 H319

Causes serious eye irritation



Signal word: **WARNING**.

**H319** – causes serious eye irritation

#### Precautionary statements:

- P264 – Wash hands thoroughly after handling
- P280 – Wear protective gloves/protective clothing/eye protection/face protection
- P305+P351+P338– IN EYES: Rinse cautiously with water for several minutes/ Remove contact lenses, if presents and easy to do. Continue rinsing.
- P337+P313 – if eye irritation persists: get medical advice / attention.

**Other hazards:** Substances contained in the mixture do not meet the criteria for PBT or vPvB.

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## SECTION 3: Ingredients information

### 3.1. Mixture:

<b>CAS number:</b> 160875-66-1 <b>WE number:</b> 605-233-7 <b>Index number:</b> — <b>Registration number:</b> polymer, exempt from registration	Poly (oxy-1,2-ethanediyl, alpha-(2-propylheptyl)-ω-hydroxy-Acute Tox. 4H302 Eye Dam, 1 H 318	<2,5%
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Detergent composition according to regulation 648/2004/EC as amended.

Contains: nonionic surfactants <5 %

Full text of each relevant H phrase is given in section 16 of MSDS.

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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Skin contact: wash out the contaminated skin with plenty of water and soap. Take off contaminated clothing. Consult a doctor if disturbing symptoms appear.

Eye contact: remove contact lenses. Wash contaminated eyes thoroughly with water for at least 15 minutes. Avoid strong water jet – risk of corneal damage. Contact an ophthalmologist, if disturbing symptoms occur.

Ingestion: do not induce vomiting. Wash mouth with water. Never give anything to drink to an unconscious person. If disturbing symptoms occur, consult a physician – show the container or label.

Inhalation: remove to fresh air. Keep warm and calm. Consult a doctor if disturbing symptoms occur.

### 4.2. The most important symptoms and effects, both acute and delayed

Skin contact: in case of prolonged contact possible redness, dryness.

Eye contact: possible redness, tearing, burning, irritation.

Ingestion: if case of consumed large amounts – possible abdominal pain, nausea.

Inhalation: possible irritation of mucous membranes of the eyes and respiratory tract..

### 4.3. Indications of any immediate medical attention and special treatment needed:

Doctor makes a decision regarding medical treatment after thoroughly examination of the injured. Symptomatic treatment.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media: water spray, extinguishing powders, carbon dioxide, extinguishing foam. Adapt the extinguishing media to the surrendering materials.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

### 5.2. Special hazards arising from the substance

During the fire, the product may produce harmful fumes containing carbon oxides and other unidentified products of thermal decomposition. Do not inhale combustion products, it causes danger for human health.

### 5.3. Informations for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. Remove endangered containers if this can be done safely. In case of fire cool endangered containers with water fog from safe distance. Collect used extinguishing media.

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## SECTION 6: Accidental release measures to environment

### 6.1. Personal precautions, protective equipment and emergency procedures.

Limit the access for the outsiders into the breakdown area, until the suitable cleaning operations are completed. In the case of large releases, isolate the exposed area. Use personal protective equipment. Avoid eyes and skin contamination. Avoid formation and inhalation of product vapours. Ensure adequate ventilation. Ensure that only personnel trained to remove the malfunction and its effects.

### 6.1. Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Do not empty into drains, surface or ground water. Inform relevant emergency services..

### 6.3. Methods and materials for containment and cleaning up

Stop the leak. Released product wipe with a liquid-absorbing material (sand, earth, diatomaceous earth) and transfer to appropriate waste disposal containers. Collected material should be treated as waste. Clean the contaminated place with a large amount of water. Ventilate contaminated place.

### 6.4. References to the others sections

Use personal protective equipment in accordance with section 8. Dispose in accordance with recommendations from section 13.

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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke cigarettes in the workplace. Avoid eyes contamination and prolonged skin contact. Wash hands carefully before the break and after work. Ensure adequate ventilation. Opened containers should be resealed and kept upright to prevent leakage. Keep unused containers tightly sealed. Use as intended.

### 7.2. Conditions for safe storage, including any incompatibilities.

Keep only in original, properly labeled, tightly closed containers in a cool, dry and well-ventilated area. Do not store with food, drink, animal feedingstuffs and incompatible materials (see subsection 10.5). Avoid direct sunlight. Do not store in unlabeled containers.

### 7.3. Specific end uses: no data concerning other uses than given in the subsection 1.2..

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## SECTION 8: Exposure controls / personal protection

### 8.1. Control parameters

Product does not contain any components with occupational exposure limit values at working place. Please check any national occupational exposure limit values in your country.

*[Legal Basis: Commission Directive 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/E].*

### 8.2. Exposure controls

**Use the product in accordance with good occupational hygiene and safety practices.** Provide adequate ventilation in the workplace. Do not eat, drink or smoke during work. Wash hands thoroughly after breaks and after work.

**Hand protection:** Wear protective gloves resistant to the product. The material on the gloves should be chosen individually at the workplace. In case of short term exposure wear protective nitrile gloves with a thickness of > 0.4 mm and a level of efficacy of 2 or more (breakthrough time > 30 minutes). In case of prolonged contact wear protective butyl rubber gloves with a thickness of > 0.7 mm a level of effectiveness of 6 (breakthrough time > 480 minutes).

*When using protective gloves during work with chemical products, it should be noted that the efficacy levels and corresponding breakthrough times do not indicate actual times of protection at a particular workplace, because the protection can be affected by many factors, e.g. temperature, other substances etc. If there are any signs of degradation, damage or change in appearance (colour, flexibility, shape), it is recommended to replace the gloves with a new pair. Please follow the manufacturer's instructions, not only in terms of gloves' usage, but also in terms of their cleaning, maintenance and storage. It is also important to know how to take off the gloves in order to avoid hands contamination.*

**Skin protection:** Wear protective clothing.

**Eye protection:** Use adequate protective goggles.

**Respiratory protection:** Under normal operating conditions, it is not required. In case of high concentrations of vapours, use appropriate respiratory protection.

*The necessity to use and selection of appropriate personal protective equipment should take into account the type of hazard posed by the product, the conditions at the workplace and the manner in which the product is handled. Personal protective equipment must meet requirements of regulation 2016/425 and standards. Employer is obliged to ensure equipment adequate to activities carried out, with*

quality demands, cleaning and maintenance. Any contaminated or damaged personal protective equipment must be replaced immediately.

### 8.3. Environmental exposure controls

Avoid environment contamination, do not empty into drains. Possible emissions from the ventilation systems and processing equipment should be controlled in order to determinate their compatibility with environmental protection regulations.

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## SEKCJA 9: Physical and chemical properties

### 9.1. Information on basis physical and chemical properties

Physical state	liquid
colour	According to the range
odour	characteristic
Odour threshold	Not determined
pH	Not determined
Melting point / freezing point	Not determinej
Initial boiling point and boiling range	Not determined
Flash point	Not applicable, product is non flammable
Evaporation rate	Not determined
flammability	Not applicable
Upper/lower flammability or expensive limits	Not applicable
Vapour density	Not determined
density	Not determined
Solubility(ies)	Soluble in water
Partition coefficient: n-octanol//water	Not determined
Auto-ignition temperature	Not applicable, product is non auto-ignition
Decomposition temperature	Not determined
Explosive properties	Not display
Oxidising properties	Not display
viscosity	Not applicable
molecule characterisation	Not determined

#### Other informations:

None

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

The product is less reactive. It does not undergo polymerization (subsection 10.4 – 10.5).

### 10.2 Chemical stability

The product is stable (while normal storage and use conditions).

### 10.3 Possibility of hazardous reactions

Hazardous reactions are not known.

### 10.4 Conditions to avoid

Avoid sources of heat, direct sunlight and overheating.

### 10.5 Incompatible materials

Strong oxidants.

### 10.6 Hazardous decomposition products

Not known.

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## SECTION 11: Toxicological informations

### 11.1. Informations on toxicological effects

*(Information regarding acute and/or delayed results of the exposure was defined on the basis of the information on product's classification and/or toxicological studies as well as the experience and knowledge of the manufacturer).*

#### Toxicity of components :

poly(oxy-1,2-ethanediyl),  $\alpha$ -(2-propylheptyl)- $\omega$ -hydroxy- [CAS 160875-66-1].

LD<sub>50</sub> (oral, rat) 300–2000 mg/kg bw

#### Toxicity of mixture:

##### Acute toxicity

The acute toxicity of the mixture (ATEmix) was calculated on the basis of the appropriate conversion factor contained in Table 3.1.2. Annex I to the CLP Regulation as amended.

ATEmix (ingestion) > 2 000 mg/kg

Based on available data, the classification criteria are not met.

##### Skin corrosion/irritation

Based on available data, the classification criteria are not met.

##### Serious eye damage/irritation

Caused serious eye irritation.

Respiratory or skin sensitization

Based on available data, the classification criteria are not met.

Reproductive toxication

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

STOT- Single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

**11.2. Information about other hazards:** not known.

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## SECTION 12 : Ecological information

### 12.1. Toxicity

The product is not classified as hazardous for the aquatic environment.

### 12.2 Persistence and degradability

poly(oxy-1,2-ethanediyl),  $\alpha$ -(2-propylheptyl)- $\omega$ -hydroxy- [CAS 160875-66-1]

biodegradation 69,6 %/ 28 days (the result of the EU C.4-D test).

### 12.3 Bioaccumulative potential

Do not expect bioaccumulation.

### 12.4 Mobility in soil

Mobility of components of the mixture depends on the hydrophilic and hydrophobic properties and biotic and abiotic conditions of soil, including its structure, climatic conditions, seasons and soil organisms.

### 12.5 Results of the PBT and vPvB assessments

Substances contained in the product are not assessed as PBT or vPvB.

**12.6. Endocrine disrupting properties:** not known.

### 12.7 Other adverse effects

The mixture is not classified as hazardous for the ozone layer. Other harmful effects of particular components of the mixture on the environment should be considered (e.g.: endocrine disrupting, the impact on the global warming)





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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Disposal methods for the product: disposal in accordance with the local legislation. Store residues in original containers. Do not mix with other waste. Waste code should be given in the place of waste formation.

Disposal methods for used packing: reuse/recycle/liquidate empty containers in accordance with the legislation in force. Only containers completely empty can be recycled.

*[Legal basis: Directive 2008/98/EC as amended, 94/62/EC as amended]*

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## SECTION 14: Transport information

### ADR/RID Inland transport

14.1 UN number (ONZ): not applicable. The product is not classified as dangerous during transport.

14.2 UN proper shipping name: not applicable

14.3 Transport hazard class(es): not applicable

14.4 Packing group: not applicable

14.5 Environmental hazards: not applicable

14.6 Special precautions for users: not applicable

14.7 Transport in bulk according to IMO instruments: not applicable

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## SECTION 15: Regulatory information

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

- **Regulation (EC) No 1907/2006** of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization 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.
- **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 (Text with EEA relevance).
- **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)
- **Commission Regulation (EC) No 790/2009** of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament

and of the Council on classification, labelling and packaging of substances and mixtures (Text with EEA relevance).

- **Directive 2008/98/EC** of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.

European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended.

- **Commission Directive 2000/39/EC** of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.
- **Commission Directive 2006/15/EC** of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.
- **Commission Directive 2009/161/EU** of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.
- **Commission Directive 2017/164/EU** of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU.

#### 15.2. Chemical safety assessment: not required for mixture

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## SECTION 16: Other information

*Full text of indicated H phrases mentioned in section 3*

H302	Harmful if swallowed
H318	Causes serious eyes damage
Acute Tox. 4	Acute toxicity cat. 4
Eye Dam. 1	Serious eye damage cat. 1
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	Very Persistent, very bioaccumulative substance

### Trainings

Before commencing working with the product, the user should learn Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

### Key literature references and sources of

This SDS was prepared on the basis of on manufacturer's data, literature data, online databases, our knowledge and experience, taking into account the current legislation.

Methods of evaluating information which was used for the purpose of classification acc. Regulation (EC) no 1272/2008 as amended.

Eye Irrit. 2 H319 calculation method

## Additional informations

Date of issue:	28.01.2019
Version:	1.0/PL
Composed by:	Mgr Magdalena Skoneczna (on the basis of producer's data)
Safety Data Sheet made by:	„THETA” Doradztwo Techniczne

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.

*Niniejsza karta charakterystyki podlega ochronie wynikającej z ustawy z dnia 4 lutego 1994 r. o prawie autorskim i prawach pokrewnych. Kopiowanie, adaptowanie, przekształcanie lub modyfikowanie karty charakterystyki lub jej fragmentów bez uprzedniej zgody firmy THETA Doradztwo Techniczne Tomasz Gendek jest zabronione.*