

Safety data sheet
In accordance with 1907/2006/CE, Article 31

Print date : 12.04.2022

Version number 8 (replaces the version 7)

Revision: 12.04.2022

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

1.1 Product identifier

· **Product name: 000602100 - EXTRA-POWERFUL UNIVERSAL FARM DETERGENT**

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

Identified uses: Alkaline degreasing detergent for floors and surfaces

Unsuitable uses: None known..

· **Application of the substance / the preparation:** mixture

· **1.3 Details of the supplier of the safety data sheet**

· **Manufacturer/supplier:**

· UKAL

· Parc Economique de la Sauer 2 Rue de l'Etang

· CS 50244 ESCHBACH - 67892 NIEDERBRONN LES BAINS

· FRANCE

· tel: 33-(0)-388074015 ; ukalel@ukal.com

· **Information department:** Marketing

· **1.4 Emergency telephone number**

Country	Emergency telephone number	Website
UK - England, Wales	111	http://www.nhs.uk/
UK - Scotland	111	http://www.nhs24.com/
UK - Northern Ireland	18000 or 999	http://www.gpoutofhours.hscni.net/
Ireland	01 809 2166	http://www.poisons.ie/

SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**

· **2.1.1 Classification in accordance with Regulation (EC) No 1272/2008**



GHS07

Eye Irrit. 2 H319 Causes serious eye irritation.

· **2.2 Label elements**

· **Labelling in accordance with Regulation (EC) No 1272/2008** The product is classified and labelled in accordance with the CLP Regulation.

· **Danger pictograms**



· **GHS07**

· **Signal Word** Warning

· **Hazards statements**

H319 Causes serious eye irritation.

· **Safety advice**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P280 Wear protective gloves / eye protection.

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.

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- **Additional information:**
EUH208 Contains Cyclademol, Menthanol (CAS 21129-27-1 / 498-81-7), multi-constituent Terpinolene. May produce an allergic reaction.
- **2.3 Other hazards**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Determination of endocrine disrupting properties** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:**
Cleaning and degreasing preparation for hard surfaces based on surfactants, solvents and mineral salts.

· **Hazardous components:**

CAS: 497-19-8 EINECS: 207-838-8 INDEX Number: 001-105-00-2 Reg.nr.: 01-2119485498-19	Sodium carbonate Eye Irrit. 2, H319	2-2,5%
CAS: 64-17-5 EINECS: 200-578-6 INDEX Number: 603-002-00-5 Reg.nr.: 01-2119457610-43	Denatured ethanol Flam. Liq. 2, H225	4-5%
CAS: 9043-30-5 Reg.nr.: 02-2119552461-55	Ethoxylated isodecanol Eye Dam. 1, H318; Acute Tox. 4, H302	2-2,5%
CAS: 25225-09-6 EC Number: 946-886-0 Reg.nr.: 01-2120756667-39	Cyclademol Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317; Aquatic Chronic 3, H412	0,5-1%
CAS: 21129-27-1 EC Number: 939-396-3 Reg.nr.: 01-2119983276-26	Menthanol (CAS 21129-27-1 / 498-81-7) Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	0,5-1%
EC Number: 938-945-4 Reg.nr.: 01-2119982324-34	Multicomponent terpinolene Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic2, H411; ⚠ Eye Irrit. 2, H319; Skin Sens. 1, H317	0,1-0,5%

- **Additional information:** For the wording of the risk phrases cited, please refer to section 16.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** Do not leave subjects unattended..
- **After inhalation :** Supply fresh air, consult doctor in case of complaints.
- **After skin contact:**
Wash immediately with soap and water and rinse thoroughly.
If skin irritation persists, consult a doctor.
- **After eye contact:**
Rinse opened eye for several minutes under running water. Seek medical advice immediately.
- **After swallowing:**
If person is conscious, rinse out mouth. Seek immediate medical advice.
Leave on an empty stomach. Do not induce vomiting.
- **4.2 Most important symptoms and effects, both acute and delayed**
- No other important information available.

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- **4.3 Indication of any immediate medical attention and special treatment needed**
- No other important information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Extinguishing media:**
 - Carbon dioxide (CO2)
 - Extinguishing powder
 - Foam
- **5.2 Special hazards arising from the substance or mixture**
 - No other important information available.
- **5.3 Advice for firefighters**
- **Special safety equipment:** Personal protective equipment.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
 - Avoid contact with eyes.
 - Floor particularly slippery due to spillage.
- **6.2 Environmental precautions** Do not discharge directly into the environment.
- **6.3 Methods and material for containment and cleaning up**
 - Collect liquids using an absorbent product (sand, kieselguhr, acid neutraliser, universal binder, sawdust).
 - Clean the accident site thoroughly. Suitable products are :
 - Water
 - Dispose of collected material in accordance with regulations.
- **6.4 Reference to other sections**
 - For information on safe handling, see section 7.
 - For information on personal protective equipment, see section 8.
 - For information on disposal, see section 13.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
 - Do not mix with other products.
 - Avoid formation of aerosols.
 - Ensure good ventilation/exhaustion at the workplace.
- **Fire and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
 - **Requirements to be met by storerooms and receptacles:** Store in original packaging only.
 - **Information about storage in one common storage facility:** Not necessary.
 - **Further information about storage conditions:** None.
 - **Maximum storage temperature:** < 35°C
 - **Minimum storage temperature:** > 0°C
- **7.3 Specific end use(s)** No other relevant information available.

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SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

· **Components with threshold values to be monitored by workstation:**

CAS: 64-17-5 Ethanol

VME (UK) Long-term value: 1920 mg/m³, 1000 ppm

VLE (IE) Short-term value: 1000 ppm

· **Additional comments:**

This document is based on the lists in force at the time of writing.

· **8.2 Exposure controls**

· **Appropriate engineering controls**

Provide eyewash fountains and good ventilation in areas where the product is handled constantly and in large quantities.

· **Personal protective measures, such as personal protective equipment**

· **General protection and hygiene measures:**

Keep away from food, drink and animal feed.

Wash hands before breaks and at the end of work.

Avoid contact with eyes.

Observe the usual safety precautions when using chemicals.

· **Respiratory protection:** Not required.

· **Hand protection:**

Product not classified as irritant/corrosive to the skin, however for greater safety it is advisable to wear gloves when decanting.

Glove material must be impermeable and resistant to the product.

· **Material of gloves**

Chemical-resistant protective gloves (standard EN 374-1).

They should be replaced regularly and at the first sign of deterioration.

The choice of appropriate gloves depends not only on the material, but also on other quality criteria that may vary from one manufacturer to another. Since the product represents a preparation made up of several substances, the resistance of glove materials cannot be calculated in advance and must therefore be checked before use.

Recommended: nitrile rubber

· **Penetration time of glove material**

The exact penetration time is to be determined by the protective glove manufacturer and must be observed.

· **Eye/face protection**



Protective goggles (EN 166)

· **Body protection:** Use protective clothing.

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General information.**

· **Physical state**

Liquid.

· **Color:**

Amber-yellow

· **Odor:**

Pine

· **Melting point/freezing point:**

Not determined.

Boiling point or initial boiling point and

boiling range

100°C (water)

· **Flammability :**

The substance is not flammable.

· **Flash point:**

>100 °C

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· <i>Auto-ignition temperature</i>	The product does not ignite spontaneously.
· <i>Decomposition temperature:</i>	Not applicable.
· <i>pH at 20 °C</i>	10,5 - 11,4
· <i>Viscosity:</i>	Not determined.
· <i>Solubility :</i>	
· <i>Water:</i>	Completely miscible
· <i>Partition coefficient n-octanol/water (log value)</i>	Not applicable.
· <i>Vapour pressure:</i>	2,3 kPa (water)
· <i>Density and/or relative density</i>	
· <i>Density at 20 °C:</i>	1,015 g/cm ³

· 9.2 Other information	
· <i>Appearance:</i>	Liquid.
· <i>Form:</i>	Viscous-opalescent
· <i>Important health, safety and environmental information.</i>	
· <i>Explosive properties:</i>	The product is not explosive.

· Information concerning physical hazard classes	
· <i>Explosive substances and mixtures</i>	none
· <i>Flammable gases</i>	none
· <i>Aerosols</i>	none
· <i>Oxidising gases</i>	none
· <i>Gases under pressure</i>	none
· <i>Flammable liquids</i>	none
· <i>Flammable solids</i>	none
· <i>Self-reactive substances and mixtures</i>	none
· <i>Pyrophoric liquids</i>	none
· <i>Pyrophoric solids</i>	none
· <i>Self-heating substances and mixtures</i>	none
· <i>Substances and mixtures which release flammable gases in contact with water</i>	none
· <i>Oxidizing liquids</i>	none
· <i>Oxidizing solids</i>	none
· <i>Organic peroxides</i>	none
· <i>Substances or mixtures corrosive to metals</i>	none
· <i>Desensitised explosives</i>	none

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No other important information available.
- **10.2 Chemical stability**
- **Thermal decomposition/conditions to avoid:** Does not decompose when used as intended.
- **10.3 Possibility of hazardous reactions** No known dangerous reactions.
- **10.4 Conditions to avoid** No other important information available.
- **10.5 Incompatible materials:** No other important information available
- **10.6 Hazardous decomposition products:** No known hazardous decomposition products

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** On the basis of the available data, the classification criteria are not met.

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· **LD/LC50 values relevant to classification:**

CAS: 64-17-5 Denatured ethanol

Oral	LD50	10470 mg/kg (rat) (OECD 401)
Inhalation	LC50/4 h	51 mg/l (rat) (OECD 403)

· **Skin corrosion/skin irritation**

On the basis of the available data, the classification criteria are not met.

· **Serious eye damage/eye irritation**

Causes severe eye irritation.

· **Respiratory or skin sensitisation** Possibility of an allergic reaction

· **Mutagenicity on germ cells**

On the basis of the available data, the classification criteria are not met.

· **Carcinogenicity** On the basis of the available data, the classification criteria are not met.

· **Reproductive toxicity**

On the basis of the available data, the classification criteria are not met.

· **Specific target organ toxicity (STOT) - single exposure**

On the basis of the available data, the classification criteria are not met.

· **Specific target organ toxicity (STOT) - repeated exposure**

On the basis of the available data, the classification criteria are not met.

· **Aspiration hazard** On the basis of the available data, the classification criteria are not met.

· **Toxicokinetics, metabolism and distribution** data not yet available

· **Acute effects (acute toxicity, irritation and corrosivity)** data not yet available

· **Toxicity by repeated administration data** data not yet available

· **11.2 Information on other hazards**

· **Endocrine-disrupting properties**

None of the components are included.

SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**

CAS: 25225-09-6 Cyclademol

CL50	45,021 mg/l (fish; daphnia) (OECD 202)
EL50	45 mg/l (algae) (OECD 201)

· **12.2 Persistence and degradability** No other relevant information available.

· **12.3 Bioaccumulative potential** Solubility with water: soluble

· **12.4 Mobility in soil** No other relevant information available.

· **12.5 Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** data not yet available

· **12.6 Endocrine disrupting properties**

For information on endocrine disrupting properties, see section 11.

· **12.7 Other adverse effects**

· **Other ecological information:**

· **General information:**

Do not allow product, undiluted or in large quantities, to reach ground water, water course or sewage system.

The surfactant(s) contained in this preparation comply(s) with the biodegradability criteria as defined in Regulation (EC) No 648/2004 on detergents. The data proving this assertion is held at the disposal of the competent authorities of the Member States and will be supplied to them at their express request or at the request of the detergent producer.

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SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Disposal of product/packaging**
Recycle or dispose of the packaging via an authorised collector or organisation.
Do not contaminate soil or water with waste, do not dispose of in the environment.
- **Waste code:**
15 01 10* : Packaging containing residues of dangerous substances or contaminated by such residue.
07 06 : Waste from the MFSU of fats, soaps, detergents, disinfectants and cosmetics
20 01 29: Detergent containing dangerous substances
- **Uncleaned packaging:**
- **Recommendation:** Empty well and rinse well; render unusable
- **Recommended cleaning product:** Water

SECTION 14: Transport information

· 14.1 UN number or ID number · ADR, ADN, IMDG, IATA	none
· 14.2 UN proper shipping name · ADR, ADN, IMDG, IATA	not applicable. none
· 14.3 Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class	none
· 14.4 Packing group · ADR, IMDG, IATA	none
· 14.5 Environmental hazards · Marine pollutant:	none
· 14.6 Special precautions for user	not applicable.
· 14.7 Maritime transport in bulk according to IMO instruments	not applicable.
· UN Model Regulations:	none

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
Legislative references :
- **Information relating to Detergents Regulation EC n° 648/2004 and 1907/2006**
Contains among other constituents:
- **5% or more, but less than 15%:** soap
- **less than 5%:** non-ionic surfactants
- **Regulation (EU) No 528/2012 of 22 May 2012 concerning the making available on the market and use of biocidal products. Active Substance(s) :**
No application.

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- **REACH Regulation (EC) n°1907/2006:**
Substances in annexes XIV (authorisation) and XVII (restriction): no substances are listed in these annexes.
- **15.2 Chemical safety assessment:** A chemical safety assessment has not been carried out.

SECTION 16: Other information

This information is based on our current state of knowledge, but does not constitute a guarantee of product properties and does not give rise to a contractual legal relationship.
220252-K1

· **Relevant R and/or H phrases:**

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage
- H319 Causes serious eye irritation.
- H411 Toxic to aquatic life with long lasting effects
- H412 Harmful to aquatic life with long lasting effects.

· **Department compiling the technical data sheet:** Marketing

· **Date of previous version:** 08.11.2021

· **Previous version number:** 7

· **Acronyms and abbreviations:**

- ADR: Agreement concerning the International Carriage of Dangerous Goods by Road
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Flam. Liq. 2:
Flammable liquids - Category 2
Flam. Liq. 3: Flammable liquids - Category 3
Acute Tox. 4: Acute toxicity - Category 4
Skin Irrit. 2: Skin corrosion/irritation - Category 2
Eye Dam. 1: Serious eye damage/eye irritation - Category 1
Eye Irrit. 2: Serious eye damage/eye irritation - Category 2
Skin Sens. 1: Skin sensitisation - Category 1
Skin Sens. 1B: Skin Sensitisation - Category 1B
Asp. Tox. 1: Aspiration hazard - Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term toxicity to the aquatic environment - Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term toxicity to the aquatic environment - Category 3

· *** Data modified compared to the previous version**

Updated in accordance with Regulation (EU) 2020/878.

CLP version 1.8