

**Pro Power LHM+**

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) &amp; 2020/878

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier**

Product Name Pro Power LHM+  
Product code E125  
Unique Formula Identifier (UFI) NFK0-Q037-500Y-M5WP

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

Identified Use(s) Not known.  
Uses Advised Against Not known.

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

Company Identification Rapid Group UK  
Address of Manufacturer Rutland Mill,  
Adelaide Street,  
Bolton,  
Postal code BL3 3NY  
Telephone: 01204 324 268

**Supplier**

Company Identification Rapid Ireland  
Address of Supplier Rock Street,  
Tralee,,  
Co Kerry  
Postal code V92 WR9P  
Telephone: +353 151 363 47

**1.4 Emergency telephone number**

Emergency Phone No. 999  
Contact NHS

**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

Regulation (EC) No. 1272/2008 (CLP) Asp. Tox. 1 :May be fatal if swallowed and enters airways.

**2.2 Label elements**

According to Regulation (EC) No. 1272/2008 (CLP)

Product Name Pro Power LHM+

Contains Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-basedBaseoil.  
Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics

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Hazard Pictogram(s)



GHS08

Signal Word(s)

Danger

Hazard Statement(s)

H304: May be fatal if swallowed and enters airways.

Precautionary Statement(s)

P101: If medical advice is needed, have product container or label at hand.  
P102: Keep out of reach of children.  
P301+P310: IF SWALLOWED: Immediately call a POISON CENTRE/doctor.  
P331: Do NOT induce vomiting.  
P405: Store locked up.  
P501: Dispose of contents in accordance with local, state or national legislation.

Unique Formula Identifier (UFI)

NFK0-Q037-500Y-M5WP

**2.3 Other hazards**

This product contains: 128-37-0 (Endocrine disrupting properties)

**2.4 Additional Information**

For full text of H/P Statements see section 16.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1 Substances**

Not applicable.

**3.2 Mixtures**

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-basedBaseoil	72623-86-0	276-737-9	49-51	Asp. Tox. 1 H304	GHS08
Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics		927-632-8	32-34	Asp. Tox. 1 H304	GHS08
Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyloxy) derivs., C10-rich		800-172-4 01-2119969520-35	1.00	Aquatic Chronic 2 H411	GHS09
Oxydipropyl dibenzoate	27138-31-4	248-258-5 01-2119529241-49- XXXX	<0.5	Aquatic Chronic 3 H412	None

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2,6-di-tert-butyl-p-cresol	128-37-0	204-881-4 01- 2119480433- 40- XXXX	<0.5	Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS09
Sulfonic acids, petroleum, calcium salts	61789-86-4	263-093-9 01- 2119488992- 18- XXXX	<0.1	Skin Sens. 1B H317	GHS07
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts	68584-23-6	271-529-4 01- 2119492627- 25- XXXX	<0.1	Skin Sens. 1B H317	GHS07
5,5'-dithiodi-1,3,4-thiadiazole-2(3H)-thione	72676-55-2	276-763-0 01- 2120119820- 64- XXXX	<0.1	Skin Sens. 1 H317 Aquatic Chronic 2 H411	GHS07 GHS09
Naphtha (petroleum), hydrotreated heavyLow boiling point hydrogen treated naphtha[A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C6 through C13 and boiling in the range of approximately 65°C to 230°C (149°F to 446°F).]	64742-48-9	265-150-3 01- 2119486659- 16- XXXX	<0.01	Asp. Tox. 1 H304	GHS08
Solvent naphtha (petroleum), heavy arom.; Kerosine - unspecified[A complex combination of hydrocarbons obtained from distillation of aromatic streams. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 165 °C to 290 °C (330 °F to 554 °F).]	64742-94-5	265-198-5	<0.01	Asp. Tox. 1 H304 STOT SE 3 H336 Aquatic Chronic 2 H411	GHS08 GHS07 GHS09
(2-methoxymethylethoxy)propanol	34590-94-8	252-104-2	<0.01	Not classified	None
naphthalene	91-20-3	202-049-5	<0.01	Acute Tox. 4 H302 Carc. 2 H351 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS08 GHS07 GHS09

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HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentration Limit		M-factor	ATE
Sulfonic acids, petroleum, calcium salts	61789-86-4	Skin Sens. 1B	C>= 10.00 <= 100.00		
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts	68584-23-6	Skin Sens. 1B	C>= 10.00 <= 100.00		
naphthalene	91-20-3				Acute Tox. 4 (H302) : 500

Contains no non-classified vPvB substances.

Contains a non-classified substance with a Union workplace exposure limit. (2-methoxymethylethoxy) propanol (34590-94-8)

For full text of H/P Statements see section 16.

## SECTION 4: FIRST AID MEASURES

## 4.1 Description of first aid measures

Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin Contact	Wash skin with water.
Eye Contact	Flush eyes with water for at least 15 minutes.
Ingestion	Do NOT induce vomiting. Immediately call a POISON CENTRE/doctor.

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

Treat symptomatically.

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

Treat symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

## 5.1 Extinguishing media

Suitable Extinguishing media	Foam, CO <sub>2</sub> or dry Powder
Unsuitable extinguishing media	Do not use water.

## 5.2 Special hazards arising from the substance or mixture

May decompose in a fire giving off toxic fumes.

## 5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Dike fire control water for later disposal.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

## 6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear suitable protective clothing, gloves and eye/face protection.

## 6.2 Environmental precautions

Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

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## 6.3 Methods and material for containment and cleaning up

Adsorb spillages onto sand, earth or any suitable adsorbent material. Contain spillages with sand, earth or any suitable adsorbent material. Earth may be shovelled to contain spillage and to avoid contamination of sewers and watercourses.

## 6.4 Reference to other sections

See Also Section 8, 13.

## SECTION 7: HANDLING AND STORAGE

## 7.1 Precautions for safe handling

## 7.2 Conditions for safe storage, including any incompatibilities

Store locked up.

Storage temperature

Ambient.

Storage life

Stable under normal conditions.

Incompatible materials

None known.

## 7.3 Specific end use(s)

Not known.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

## 8.1 Control parameters

## 8.1.1 Occupational Exposure Limits

Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
2,6-Di-tert-butyl-p-cresol	128-37-0		10			
(2-methoxymethylethoxy) propanol	34590-94-8	50	308			Sk

Region Source  
United Kingdom UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)

Remark Notes  
Sk Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.

Biological Exposure Indices						
Substances	CAS Number	Sampling	Tissues	Control parameters	Biological monitoring guidance value	Comments
Polycyclic aromatic hydrocarbons (PAHs)	91-20-3	Post shift	urine	1-hydroxypyrene	4 µmol 1-hydroxypyrene/mol creatinine	

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Remark Notes

### 8.2 Exposure controls

8.2.1. Appropriate engineering controls Use with ventilation, local exhaust ventilation or breathing protection.

8.2.2. Personal protection equipment



Eye Protection

Wear eye protection with side protection (EN166).



Skin protection

Wear protective clothing and gloves: Impervious gloves (EN 374).



Respiratory protection

A suitable mask with filter type A (EN14387 or EN405) may be appropriate.



Thermal hazards

None known.

8.2.3. Environmental Exposure Controls Avoid release to the environment.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Physical state	Liquid.
Colour	Green.
Odour	Characteristic odour
Melting point/freezing point	Not known.
Boiling point or initial boiling point and boiling range	Not known.
Flammability	Not known.
Lower and upper explosion limit	Not known.
Flash Point	164°C
Auto-ignition temperature	Not known.
Decomposition Temperature	Not known.
pH	Not known.
Kinematic Viscosity	=20 mm <sup>2</sup> /s 40 °C
Solubility	Solubility (Water): Insoluble Solubility (Other): Not known.
Partition coefficient n-octanol/water (log value)	Not known.
Vapour pressure	Not known.
Density and/or relative density	0.839 @15.6 deg C
Relative vapour density	Not known.
Particle characteristics	Not known.

### 9.2 Other information

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None.

**SECTION 10: STABILITY AND REACTIVITY****10.1 Reactivity**

None anticipated.

**10.2 Chemical Stability**

Stable under normal conditions.

**10.3 Possibility of hazardous reactions**

No hazardous reactions known if used for its intended purpose.

**10.4 Conditions to avoid**

None anticipated.

**10.5 Incompatible materials**

Not known.

**10.6 Hazardous decomposition products**

No hazardous decomposition products known.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Acute toxicity - Ingestion

Calculation method : Not classified.

Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 1000000

Acute toxicity - Skin Contact

Calculation method : Not classified.

Acute toxicity - Inhalation

Calculation method : Not classified.

Skin corrosion/irritation

Calculation method : Not classified.

Serious eye damage/irritation

Calculation method : Not classified.

Skin sensitization data

Calculation method : Not classified.

Respiratory sensitization data

Calculation method : Not classified.

Germ cell mutagenicity

Calculation method : Not classified.

Carcinogenicity

Calculation method : Not classified.

Reproductive toxicity

Calculation method : Not classified.

Lactation

Calculation method : Not classified.

STOT - single exposure

Calculation method : Not classified.

STOT - repeated exposure

Calculation method : Not classified.

Aspiration hazard

Calculation method : May be fatal if swallowed and enters airways.

**11.2 Information on other hazards**

Endocrine disrupting properties: List II: Substances under evaluation for endocrine disruption under an EU legislation 128-37-0 (Human health)

**SECTION 12: ECOLOGICAL INFORMATION****12.1 Toxicity**

Harmful to aquatic life.

Toxicity - Aquatic invertebrates

Not known.

Toxicity - Fish

Not known.

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Toxicity - Algae Not known.  
Toxicity - Sediment Compartment Not classified.  
Toxicity - Terrestrial Compartment Not classified.

**12.2 Persistence and degradability**

Not known.

**12.3 Bioaccumulative potential**

Not known.

**12.4 Mobility in soil**

Not known.

**12.5 Results of PBT and vPvB assessment**

Not known.

**12.6 Endocrine disrupting properties**

None known.

**12.7 Other adverse effects**

Not known.

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

Dispose of contents in accordance with local, state or national legislation. Dispose of this material and its container to hazardous or special waste collection point.  
Dispose at suitable refuse site.

**13.2 Additional Information**

Disposal should be in accordance with local, state or national legislation.

**SECTION 14: TRANSPORT INFORMATION**

Not classified as hazardous for transport.

**14.1 UN number or ID number**

Not applicable

**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 classified as a Marine Pollutant.

**14.6 Special precautions for user**

Not known

**14.7 Maritime transport in bulk according to IMO instruments**

Not known

**SECTION 15: REGULATORY INFORMATION**



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

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for Authorisation Not listed

High Concern for Authorisation

REACH: ANNEX XIV list of substances subject to authorisation Not listed

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Mutagens: category 1B (64742-48-9), Carcinogens: category 1B (72623-86-0), Polycyclic-aromatic hydrocarbons (PAH) (91-20-3), Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyloxy) derivs., C10-rich (), Oxydipropyl dibenzoate (27138-31-4), 2,6-di-tert-butyl-p-cresol (128-37-0), Sulfonic acids, petroleum, calcium salts (61789-86-4), Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts (68584-23-6), 5,5'-dithiodi-1,3,4-thiadiazole-2(3H)-thione (72676-55-2), Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics (), Solvent naphtha (petroleum), heavy arom.; Kerosine - unspecified[A complex combination of hydrocarbons obtained from distillation of aromatic streams. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 165 °C to 290 °C (330 °F to 554 °F).] (64742-94-5)

Community Rolling Action Plan (CoRAP) oxydipropyl dibenzoate (27138-31-4), 2,6-di-tert-butyl-p-cresol (128-37-0), naphthalene (91-20-3)

Regulation (EU) N° 2019/1021 of the European Parliament and of the Council on persistent organic pollutants Polycyclic aromatic hydrocarbons (PAHs) (91-20-3)

Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer Not listed

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals Not listed

**National regulations**

Other Not known.

**15.2 Chemical Safety Assessment**

A REACH chemical safety assessment has not been carried out.

**SECTION 16: OTHER INFORMATION**

The following sections contain revisions or new statements:

**LEGEND**

Hazard Pictogram(s)



GHS08

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GHS07: GHS: Exclamation mark

GHS09: GHS: Environment

## Hazard classification

Acute Tox. 4 : Acute toxicity, Category 4

Asp. Tox. 1 : Aspiration hazard, Category 1

Skin Sens. 1 : Skin sensitization, Category 1

Skin Sens. 1B : Skin sensitization, Category 1B

STOT SE 3 : Specific target organ toxicity — single exposure, Category 3

Carc. 2 : Carcinogenicity, Category 2

Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1

Aquatic Chronic 1 : Hazardous to the aquatic environment, Chronic, Category 1

Aquatic Chronic 2 : Hazardous to the aquatic environment, Chronic, Category 2

Aquatic Chronic 3 : Hazardous to the aquatic environment, Chronic, Category 3

## Hazard Statement(s)

H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H317: May cause an allergic skin reaction.

H336: May cause drowsiness or dizziness.

H351: Suspected of causing cancer.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

## Precautionary Statement(s)

P301+P310: IF SWALLOWED: Immediately call a POISON CENTRE/doctor.

P331: Do NOT induce vomiting.

P405: Store locked up.

P501: Dispose of contents in accordance with local, state or national legislation.

## Acronyms

ATE : Acute Toxicity Estimate

CAS : Chemical Abstracts Service

CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

DNEL : Derived No Effect Level

EC : European Community

EINECS : European Inventory of Existing Commercial Chemical Substances

LTEL : Long term exposure limit

PBT : Persistent, Bioaccumulative and Toxic

PNEC : Predicted No Effect Concentration

REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals

STEL : Short term exposure limit

STOT : Specific Target Organ Toxicity

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vPvB : very Persistent and very Bioaccumulative

Key literature references and sources for Regulation (EC) No. 1272/2008 (CLP)

data used to compile the SDS

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