Pro Power MV CHF

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

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name	Pro Power MV CHF
Product code	E100
Unique Formula Identifier (UFI):	6CK0-60DT-V00F-YUAM

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

Identified Use(s)	PC17 Hydraulic fluids
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

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. Aquatic Chronic 2 :Toxic to aquatic life with long lasting effects.

2.2 Label elements

	According to Regulation (EC) No. 1272/2008 (CLP)
Product Name	Pro Power MV CHF Contains: Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, less than 2% aromatics, Distillates, petroleum, hydrotreated heavy paraffinic, Distillates, petroleum, hydrotreated light paraffinic.

Hazard Pictogram(s)

GHS08

GHS09

Signal Word(s) Danger

Hazard Statement(s)
H304: May be fatal if swallowed and enters airways.
H411: Toxic to aquatic life with long lasting effects.

Precautionary Statement(s)
P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P273: Avoid release to the environment.
P301+P310+P331: IF SWALLOWED: Immediately call a POISON CENTRE/doctor. Do NOT induce vomiting.
P391: Collect spillage.
P501: Dispose of contents in accordance with local, state or national legislation.

Unique Formula Identifier (UFI): 6CK0-60DT-V00F-YUAM

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)
Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics		927-632-8 01-2119457736-27-XXXX	50-70	Asp. Tox. 1 H304	GHS08
Distillates (petroleum), hydrotreated heavy paraffinicBaseoil - unspecified[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 C20 through C50 and produces a finished oil of at least 100 SUS at 100 °F	64742-54-7	265-157-1	10-20	Asp. Tox. 1 H304	GHS08

(19cSt at 40 °C). It contains a relatively large proportion of saturated hydrocarbons.]					
Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyloxy) derivs., C10-rich		800-172-4	1-3	Aquatic Chronic 2 H411	GHS09
Distillates (petroleum), hydrotreated light paraffinicBaseoil - unspecified[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 C15 through C30 and produces a finished oil with a viscosity of less than 100 SUS at 100 °F (19cSt at 40 °C). It contains a relatively large proportion of saturated hydrocarbons.]	64742-55-8	265-158-7 01-2119487077-29	<1	Asp. Tox. 1 H304	GHS08
1,3,4-Thiadiazolidine-2,5-dithione, reaction products with hydrogen peroxide and tert-nonanethiol		293-927-7	<0.5	Aquatic Chronic 3 H412	None
Zinc bis(dipentyldithiocarbamate)	15337-18-5	239-370-5 01-2120768116-52	<0.5	Aquatic Chronic 4 H413	None
Dibutyl [(dipropoxyphosphinothioyl)thio]succinate	68413-47-8	270-219-6 01-2120772316-52	<0.1	Skin Sens. 1B H317 Aquatic Chronic 2 H411	GHS07 GHS09
2,6-di-tert-butyl-p-cresol	128-37-0	204-881-4 01-2119565113-46	<0.1	Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS09
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	68411-46-1	270-128-1 01-2119491299-23	<0.1	Repr. 2 H361f Aquatic Chronic 3 H412	GHS08
Dipentylammonium dipentyldithiocarbamate	71902-20-0	276-172-8 01-2120793078-43	<0.1	Acute Tox. 4 H302 Skin Sens. 1B H317 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS07 GHS09
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts	68584-23-6	271-529-4 01-2119492627-25	<0.1	Skin Sens. 1B H317	GHS07
N-methyl-N-[C18-(unsaturated)alkanoy l]glycine		701-177-3 01-2119488991-20	<0.1	Skin Irrit. 2 H315 Eye Dam. 1 H318 Acute Tox. 4 H332 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS05 GHS07 GHS09

Dibutyl fumarate	105-75-9	203-327-9	<0.1	Skin Sens. 1 H317 STOT RE 2 H373 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS08 GHS07 GHS09
Sulfonic acids, petroleum, calcium salts	61789-86-4	263-093-9 01-2119488992-18	<0.1	Skin Sens. 1B H317	GHS07

HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentration Limit		M-factor	ATE
Dipentylammonium dipentyldithiocarbamate	71902-20-0				Acute Tox. 4 (H302) : 500
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts	68584-23-6	Skin Sens. 1B	C>= 10.00 <= 100.00		
N-methyl-N-[C18-(unsaturated)alkanoyl]glycine					Acute Tox. 4 (H332) : 11
Dibutyl fumarate	105-75-9			Aquatic Chronic 1: 100	
Sulfonic acids, petroleum, calcium salts	61789-86-4	Skin Sens. 1B	C>= 10.00 <= 100.00		

Contains no non-classified vPvB substances.

Contains no non-classified substances with a Union workplace exposure limit.

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	As appropriate for surrounding fire.
Unsuitable extinguishing media	None.

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.

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

It is recommended to install waste collection trays to prevent emissions to the wastewater system and surrounding environment. Smoking, drinking and consumption of food is not allowed in the work area. Avoid breathing vapours or aerosols. Provide adequate ventilation. Avoid contact with skin, eyes and clothing. Rinse if skin is contaminated. Change contaminated clothes immediately. Avoid strong heating.

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)

PC17 Hydraulic fluids

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/m³)	STEL (ppm)	STEL (mg/m³)	Note
2,6-Di-tert-butyl-p-cresol	128-37-0		10			

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

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 (EN ISO 16321-1).

Skin protection — Wear protective clothing and gloves: Impervious gloves (EN 374). Breakthrough time of the glove material: refer to the information provided by the gloves' producer.

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

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	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature	Not known.
pH	Not known.
Kinematic Viscosity	≤20 mm²/s
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	0.83g/cm³ @ 15°C
Relative vapour density	Not known.

Particle characteristics	Not known.

9.2 Other information

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 - 625000
Acute toxicity - Skin Contact	Calculation method : Not classified.
Acute toxicity - Inhalation	Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 13750
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. Toxic to aquatic life with long lasting effects.

Toxicity - Aquatic invertebrates	Not known.
Toxicity - Fish	Not known.
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

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
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	Carcinogens: category 1B (64742-55-8), Carcinogens: category 1B (64742-54-7), 1,3,4-Thiadiazolidine-2,5-dithione, reaction products with hydrogen peroxide and tert-nonanethiol (), Zinc bis(dipentyldithiocarbamate) (15337-18-5), Dibutyl [(dipropoxyphosphinothioyl)thio]succinate (68413-47-8), 2,6-di-tert-butyl-p-cresol (128-37-0), Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1), Dipentylammonium dipentyldithiocarbamate (71902-20-0), Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts (68584-23-6), N-methyl-N-[C18-(unsaturated)alkanoy l]glycine (), Dibutyl fumarate (105-75-9), Sulfonic acids, petroleum, calcium salts (61789-86-4), Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyloxy) derivs., C10-rich (), Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics ()
Community Rolling Action Plan (CoRAP)	2,6-di-tert-butyl-p-cresol (128-37-0), Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)
Regulation (EU) N° 2019/1021 of the European Parliament and of the Council on persistent organic pollutants	Not listed
Regulation (EC) N° 2024/590 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
Seveso Directive	Code E2: Lower Tier Quantity 200 - Upper Tier Quantity 500

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

GHS09

GHS05: GHS: Corrosion

GHS07: GHS: Exclamation mark

Hazard classification

Acute Tox. 4 : Acute toxicity, Category 4
Asp. Tox. 1 : Aspiration hazard, Category 1
Skin Irrit. 2 : Skin corrosion/irritation, Category 2
Skin Sens. 1 : Skin sensitization, Category 1
Skin Sens. 1B : Skin sensitization, Category 1B
Eye Dam. 1 : Serious eye damage/irritation, Category 1
Acute Tox. 4 : Acute toxicity, Category 4
Repr. 2 : Reproductive toxicity, Category 2
STOT RE 2 : Specific target organ toxicity — repeated exposure, 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
Aquatic Chronic 4 : Hazardous to the aquatic environment, Chronic, Category 4

Hazard Statement(s)

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.
H332: Harmful if inhaled.
H361f: Suspected of damaging fertility.
H373: May cause damage to organs through prolonged or repeated exposure.
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.
H413: May cause long lasting harmful effects to aquatic life.

Precautionary Statement(s)

P273: Avoid release to the environment.
P301+P310+P331: IF SWALLOWED: Immediately call a POISON CENTRE/doctor. Do NOT induce vomiting.
P391: Collect spillage.
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 vPvB : very Persistent and very Bioaccumulative
Key literature references and sources for data used to compile the SDS	Regulation (EC) No. 1272/2008 (CLP)
Training Advice	Regular safety training as appropriate
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