



## SAFETY DATA SHEET

### Workshop PRO Solvent Cleaner

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

##### 1.1. Product identifier

Product name	Workshop PRO Solvent Cleaner
Product number	7111-16
Internal identification	GHS22735

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

Identified uses	Degreaser
Uses advised against	Non specified unless otherwise stated within this MSDS

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

Supplier	Morris Lubricants Castle Foregate Shrewsbury Shropshire SY1 2EL +44 (0) 1743 232200 +44 (0) 1743 353584 sds@morris-lubricants.co.uk
----------	--

##### 1.4. Emergency telephone number

Emergency telephone	+44(0)1743 232200 (08.45 - 17.00 GMT)
---------------------	---------------------------------------

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

Physical hazards	Aerosol 1 - H222, H229
Health hazards	Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H336
Environmental hazards	Aquatic Chronic 2 - H411

###### Classification (67/548/EEC or 1999/45/EC)

Human health	Vapours and spray/mists in high concentrations are narcotic. Symptoms following overexposure may include the following: Headache. Fatigue. Dizziness. Nausea, vomiting.
Environmental	The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.
Physicochemical	The product is extremely flammable.

##### 2.2. Label elements

## Workshop PRO Solvent Cleaner

### Hazard pictograms



### Signal word

Danger

### Hazard statements

H222 Extremely flammable aerosol.  
 H229 Pressurised container: may burst if heated.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H336 May cause drowsiness or dizziness.  
 H411 Toxic to aquatic life with long lasting effects.

### Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P251 Do not pierce or burn, even after use.  
 P273 Avoid release to the environment.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
 P211 Do not spray on an open flame or other ignition source.  
 P261 Avoid breathing vapour/ spray.  
 P271 Use only outdoors or in a well-ventilated area.  
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
 P302+P352 IF ON SKIN: Wash with plenty of water.  
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

### Contains

Hydrocarbons, C6 isoalkanes, <5% n-hexane, PROPAN-2-OL

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS</b>	<b>30-60%</b>
<b>(contains &lt;0.1% 1,3-butadiene)</b>	

CAS number: 68476-85-7

EC number: 270-704-2

REACH registration number: 01-2119485911-31-0000

#### Classification

Flam. Gas 1 - H220

Press. Gas (Comp.) - H280

<b>Hydrocarbons, C6 isoalkanes, &lt;5% n-hexane</b>	<b>30-60%</b>
CAS number: 64742-49-0	
EC number: 931-254-9	
REACH registration number: 01-2119484651-34-0000	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 2 - H225	Xn;R65. Xi;R38. F;R11. N;R51/53. R67.
Skin Irrit. 2 - H315	
STOT SE 3 - H336	
Asp. Tox. 1 - H304	
Aquatic Chronic 2 - H411	

## Workshop PRO Solvent Cleaner

<b>PROPAN-2-OL</b>		<b>10-30%</b>
CAS number: 67-63-0	EC number: 200-661-7	REACH registration number: 01-2119457558-25-0000
<b>Classification</b> Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	<b>Classification (67/548/EEC or 1999/45/EC)</b> F;R11 Xi;R36 R67	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

**Composition comments**      The data shown are in accordance with the latest EC Directives.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Never give anything by mouth to an unconscious person. Get medical attention if any discomfort continues.
<b>Inhalation</b>	Remove affected person from source of contamination. Place unconscious person on their side in the recovery position and ensure breathing can take place. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Give plenty of water to drink. Give milk instead of water if readily available. Keep affected person under observation. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention immediately. Show this Safety Data Sheet to the medical personnel.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

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

<b>Inhalation</b>	Prolonged inhalation of high concentrations may damage respiratory system.
<b>Skin contact</b>	Prolonged contact may cause redness, irritation and dry skin. The product is strongly irritating to eyes and skin.
<b>Eye contact</b>	Prolonged or repeated exposure may cause severe irritation. The product is strongly irritating to eyes and skin.

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

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Extinguish with the following media: Alcohol-resistant foam. Carbon dioxide (CO <sub>2</sub> ). Dry chemicals, sand, dolomite etc. Cool aerosol containers exposed to heat with water spray and remove container, if no risk is involved.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

#### 5.2. Special hazards arising from the substance or mixture

## Workshop PRO Solvent Cleaner

<b>Specific hazards</b>	The product is flammable. Heating may generate flammable vapours. Closed containers can burst violently when heated, due to excess pressure build-up. Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours.
<b>Hazardous combustion products</b>	Irritating gases or vapours.
<b>5.3. Advice for firefighters</b>	
<b>Protective actions during firefighting</b>	Control run-off water by containing and keeping it out of sewers and watercourses. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.
<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### SECTION 6: Accidental release measures

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

<b>Personal precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet. No smoking, sparks, flames or other sources of ignition near spillage. Avoid inhalation of vapours and contact with skin and eyes.
-----------------------------	--

#### 6.2. Environmental precautions

<b>Environmental precautions</b>	Do not discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible.
----------------------------------	--

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

<b>Methods for cleaning up</b>	Keep combustible materials away from spillage. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage.
--------------------------------	---

#### 6.4. Reference to other sections

<b>Reference to other sections</b>	For personal protection, see Section 8. For waste disposal, see Section 13.
------------------------------------	---

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

<b>Usage precautions</b>	Keep away from heat, sparks and open flame. Do not use in confined spaces without adequate ventilation and/or respirator. Avoid inhalation of vapours and spray/mists. Avoid contact with skin and eyes.
--------------------------	--

<b>Advice on general occupational hygiene</b>	Do not eat, drink or smoke when using this product. Wash promptly with soap and water if skin becomes contaminated.
---	---

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

<b>Storage precautions</b>	Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. Keep away from oxidising materials, heat and flames. Store in a cool and well-ventilated place. Keep separate from food, feedstuffs, fertilisers and other sensitive material.
----------------------------	---

<b>Storage class</b>	Flammable compressed gas storage.
----------------------	-----------------------------------

#### 7.3. Specific end use(s)

<b>Specific end use(s)</b>	For further information, see attached Exposure Scenario.
----------------------------	--

## Workshop PRO Solvent Cleaner

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS (contains <0.1% 1,3-butadiene)

Long-term exposure limit (8-hour TWA): WEL 1750 mg/m<sup>3</sup> 1000 ppm gas and aerosol mists

Short-term exposure limit (15-minute): WEL 2810 mg/m<sup>3</sup> 1250 ppm gas and aerosol mists

##### PROPAN-2-OL

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

##### Ingredient comments

WEL = Workplace Exposure Limits

##### Hydrocarbons, C6 isoalkanes, <5% n-hexane (CAS: 64742-49-0)

##### DNEL

Industry - Dermal; Long term systemic effects: 13964 mg/kg/day

Industry - Inhalation; Long term systemic effects: 5306 mg/m<sup>3</sup>

Consumer - Dermal; Long term systemic effects: 1377 mg/m<sup>3</sup>

Consumer - Inhalation; Long term systemic effects: 1137 mg/m<sup>3</sup>

Consumer - Oral; Long term systemic effects: 1301 mg/kg/day

#### 8.2. Exposure controls

##### Protective equipment



##### Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

##### Eye/face protection

Contact lenses should not be worn when working with this chemical. The following protection should be worn: Chemical splash goggles. Personal protective equipment for eye and face protection should comply with European Standard EN166.

##### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals, gloves should comply with European Standard EN374. The selected gloves should have a breakthrough time of at least 8 hours.

##### Other skin and body protection

Use engineering controls to reduce air contamination to permissible exposure level. Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact. Provide eyewash station. Use of suitable barrier/afterwork creams to protect skin may be beneficial.

##### Hygiene measures

Provide eyewash station. Wash promptly if skin becomes contaminated. Promptly remove non-impervious clothing that becomes contaminated. Do not eat, drink or smoke when using this product.

##### Respiratory protection

Unlikely to be necessary in normal circumstances; if vapour levels are high, wear a respirator conforming to EN 140 with a type A filter or better.

##### Environmental exposure controls

Do not discharge into drains or watercourses or onto the ground.

### SECTION 9: Physical and chemical properties

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

## Workshop PRO Solvent Cleaner

<b>Appearance</b>	Aerosol.
<b>Odour</b>	Paraffinic
<b>Odour threshold</b>	No information available.
<b>pH</b>	Not applicable.
<b>Melting point</b>	Not relevant.
<b>Initial boiling point and range</b>	Not relevant.
<b>Flash point</b>	< 0°C Pensky-Martens closed cup.
<b>Flammability (solid, gas)</b>	Extremely flammable
<b>Upper/lower flammability or explosive limits</b>	Lower flammable/explosive limit: 0.8 % Upper flammable/explosive limit: 9.0 %
<b>Vapour pressure</b>	No information available.
<b>Vapour density</b>	No information available.
<b>Relative density</b>	No information available.
<b>Solubility(ies)</b>	The product is insoluble in water. Soluble in the following materials: Organic solvents.
<b>Auto-ignition temperature</b>	>230°C
<b>Explosive properties</b>	Not considered to be explosive.
<b>Oxidising properties</b>	The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising.

### 9.2. Other information

**Volatile organic compound** This product contains a maximum VOC content of 74.4 %.

## **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Does not decompose when used and stored as recommended.

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight. Avoid freezing.

### 10.5. Incompatible materials

**Materials to avoid** Strong oxidising agents. Strong acids. Strong alkalis. Flammable/combustible materials.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** In case of fire, toxic gases (CO, CO<sub>2</sub>, NO<sub>x</sub>) may be formed.

## **SECTION 11: Toxicological information**

### 11.1. Information on toxicological effects

## Workshop PRO Solvent Cleaner

<b>General information</b>	Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.
<b>Inhalation</b>	Vapours may irritate throat/respiratory system. Symptoms following overexposure may include the following: Headache. Dizziness. Drowsiness. Vapours have a narcotic effect. Symptoms following overexposure may include the following: Headache. Fatigue. Dizziness. Nausea, vomiting.
<b>Ingestion</b>	Irritating. Symptoms following overexposure may include the following: Nausea, vomiting. Stomach pain. Swallowing concentrated chemical may cause severe internal injury.
<b>Skin contact</b>	Product has a defatting effect on skin. Repeated exposure may cause skin dryness or cracking. Irritating to skin.
<b>Eye contact</b>	Repeated exposure may cause chronic eye irritation. The product is strongly irritating to eyes and skin.
<b>Acute and chronic health hazards</b>	Gas or vapour displaces oxygen available for breathing (asphyxiant). Vapour from this product may be hazardous by inhalation. Prolonged or repeated contact with used oil may cause serious skin diseases, such as dermatitis and skin cancer.

### SECTION 12: Ecological information

**Ecotoxicity** The product contains substances which are toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

#### 12.1. Toxicity

#### 12.2. Persistence and degradability

**Persistence and degradability** Liquefied petroleum gas is expected to be readily biodegradable. The product is degraded completely by photochemical oxidation.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Bioaccumulation is unlikely to be significant because of the low water-solubility of this product.

#### 12.4. Mobility in soil

**Mobility** The product is immiscible with water and will spread on the water surface. The product contains volatile substances which may spread in the atmosphere.

#### 12.5. Results of PBT and vPvB assessment

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

#### 12.6. Other adverse effects

**Other adverse effects** None known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**General information** This material and its container must be disposed of as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**Disposal methods** Dispose of waste via a licensed waste disposal contractor. Containers should be thoroughly emptied before disposal because of the risk of an explosion. Do not puncture or incinerate, even when empty.

## Workshop PRO Solvent Cleaner

**Waste class** European Waste Code (EWC) : 15 01 10\* (packaging containing residues of dangerous substances)

### SECTION 14: Transport information

**General** As supplied, this product is consigned under the Limited Quantities provisions.

#### 14.1. UN number

UN No. (ADR/RID)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950
UN No. (ADN)	1950

#### 14.2. UN proper shipping name

Proper shipping name (ADR/RID)	AEROSOLS
Proper shipping name (IMDG)	AEROSOLS
Proper shipping name (ICAO)	AEROSOLS
Proper shipping name (ADN)	AEROSOLS

#### 14.3. Transport hazard class(es)

ADR/RID class	2.1
ADR/RID classification code	5F
ADR/RID label	2.1
IMDG class	2.1
ICAO class/division	2.1
ICAO subsidiary risk	2.1
ADN class	2.1

#### Transport labels



#### 14.4. Packing group

Not applicable.

ADR/RID packing group	None
IMDG packing group	None
ICAO packing group	None
ADN packing group	None

#### 14.5. Environmental hazards

## Workshop PRO Solvent Cleaner

Environmentally hazardous substance/marine pollutant



### 14.6. Special precautions for user

EmS	F-D, S-U
ADR transport category	2
Tunnel restriction code	(D)

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

## SECTION 15: Regulatory information

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

<b>National regulations</b>	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716). EH40/2005 Workplace exposure limits.
<b>EU legislation</b>	Dangerous Substances Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/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 (as amended). 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) (as amended).
<b>Guidance</b>	Workplace Exposure Limits EH40. Safety Data Sheets for Substances and Preparations.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### Inventories

#### EU - EINECS/ELINCS

All the ingredients are listed or exempt.

## SECTION 16: Other information

<b>Revision comments</b>	NOTE: Lines within the margin indicate significant changes from the previous revision.
<b>Revision date</b>	04/02/2020
<b>Revision</b>	2
<b>Supersedes date</b>	06/04/2016
<b>SDS number</b>	22735

## Workshop PRO Solvent Cleaner

### Hazard statements in full

H220 Extremely flammable gas.  
H222 Extremely flammable aerosol.  
H225 Highly flammable liquid and vapour.  
H229 Pressurised container: may burst if heated.  
H280 Contains gas under pressure; may explode if heated.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
H411 Toxic to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.