

## Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

### 1.1 Product Identifier

Product Form : Mixture  
 Product Name : Maintenance Spray XP-40  
 Product Code : XP-40  
 Type of Product : Aerosol

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

#### 1.2.1 Relevant identified uses

Industrial/Professional Use Spec : Industrial  
 For professional use only

Use of the substance/mixture : Aerosol lubricant

#### 1.2.2 Uses advised against

No additional information available

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

Expert Range  
 Old Bank, The Triangle, Poulton,  
 BS32 7LE Bristol – United Kingdom  
 T: 0044 2036 273720 – F: 0044 8727 433720  
 support@expertrange.co.uk – www.expertrange.co.uk

### 1.4 Emergency telephone number

Emergency number : 0044 2036 273720

## Section 2: Hazards Identification

### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

STOT SE 3 : H336  
 Aquatic Chronic 2 : H411  
 Flam. Aerosol 1 : H222  
 Pressurised Cont. : H229  
 Full text of H-phrases : See section 16

### 2.2 Label Elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) : GHS02  GHS07  GHS09 

Signal word (CLP) : Danger

Hazard statements (CLP) : H222: Extremely flammable aerosol.  
 H229: Pressurised container: May burst if heated.  
 H336: May cause drowsiness or dizziness.

H411: Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP)

: P102: Keep out of reach of children.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211: Do not spray on an open flame or other ignition source.

P251: Do not pierce or burn, even after use.

P260: Do not breathe vapours.

P262: Do not get in eyes, on skin, or on clothing.

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

### 2.3 Other Hazards

This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/Information on Ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixture

HYDROCARBONS, C9-12, N-ALKANES, ISO-ALKANES, CYCLICS, AROMATICS 2-25%, <0.1% BENZENE				
EINECS	CAS	PBT/WEL	CLP Classification	Percent
265-185-4	64742-82-1	-	Flam. Liq. 3: H226; STOT SE 3: H335; STOT SE 3: H336; Asp. Tox. 1: H304; Aquatic Chronic 2: H411; -: EUH066	30-50%

PROPANE, <0.1% 1,3 BUTADIENE				
EINECS	CAS	PBT/WEL	CLP Classification	Percent
200-827-9	74-98-6	Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	10-30%

BUTANE, <0.1% 1,3 BUTADIENE				
EINECS	CAS	PBT/WEL	CLP Classification	Percent
203-448-7	106-97-8	Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	10-30%

NAPHTHENIC PROCESS OIL, SOLVENT REFINED, NEUTRAL, <3% DMSO				
EINECS	CAS	PBT/WEL	CLP Classification	Percent
-	64742-52-5	Substance with a Community workplace exposure limit.	-	1-10%

Full text of R- and H-phrases: see section 16

## Section 4: First Aid Measures

### 4.1 Description of first aid measures

First aid measures after skin contact : Wash immediately with plenty of soap and water.

First aid measures after eye contact : Bathe the eye with running water for 15 minutes.

First aid measures after inhalation : Move to fresh air in case of accidental inhalation of vapours.

First aid measures after ingestion : Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

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

Symptoms/injuries after skin contact : There may be irritation and redness at the site of contact.

Symptoms/injuries after eye contact : There may be irritation and redness. The eyes may water profusely.

Symptoms/injuries after ingestion : There may be soreness and redness of the mouth and throat.  
Nausea and stomach pain may occur. There may be vomiting.

Symptoms/injuries after inhalation : There may be irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur.

Delayed/immediate effects : Immediate effects can be expected after short-term exposure.

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

Immediate/special treatment : Not applicable.

### Section 5: Firefighting Measures

#### 5.1 Extinguishing media

Extinguishing media : Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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

Exposure hazards : In combustion emits toxic fumes. Aerosol cans may explode during a fire, giving a high speed projectile.

#### 5.3 Advice for firefighters

Firefighting instructions : Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

### Section 6: Accidental Release Measures

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

Personal precautions : Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Cover leaking can until the discharge has stopped, before attempting clean-up operations.

#### 6.2 Environmental precautions

Do not discharge into drains or rivers. Contain the spillage using bunding.

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

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Wash the ground with an appropriate self-emulsifying solvent.

#### 6.4 Reference to other sections

See Heading 8. Exposure controls and personal protection. For further information refer to section 13.

## Section 7: Handling and Storage

### 7.1 Precautions for safe handling

Precautions for safe handling : Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.  
Do not handle in a confined space. Avoid the formation or spread of mists in the air.

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

Storage conditions : Store in a cool, well ventilated area. Keep away from sources of ignition. Keep away from direct sunlight.

### 7.3 Specific end use(s)

No additional information available.

## SECTION 8: Exposure Controls/Personal Protection

### 8.1 Control parameters

HYDROCARBONS, C9-12, N-ALKANES, ISO-ALKANES, CYCLICS, AROMATICS 2-25%, <0.1% BENZENE				
State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	350 mg/m <sup>3</sup>	600 mg/m <sup>3</sup>	-	-

PROPANE, <0.1% 1,3 BUTADIENE				
State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	Asphyxiating	Asphyxiating	-	-

BUTANE, <0.1% 1,3 BUTADIENE				
State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1450 mg/m <sup>3</sup>	1810 mg/m <sup>3</sup>	-	-

NAPHTHENIC PROCESS OIL, SOLVENT REFINED, NEUTRAL, <3% DMSO				
State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	5 mg/cm <sup>3</sup>	10 mg/cm <sup>3</sup>	-	-

### 8.2 Exposure controls

Appropriate engineering controls : Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.

Hand protection : Wear protective gloves.

Eye protection : Chemical goggles or safety glasses. Ensure eye bath is to hand.

Skin Protection : Wear suitable protective clothing.

Respiratory protection : Self-contained breathing apparatus must be available in case of emergency.

Other information : Do not eat, drink or smoke during use.

## SECTION 9: Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

Physical state : Aerosol.

Colour : Off-white.

Odour : Paraffinic.

pH	: Not applicable..
Melting point	: Not applicable.
Boiling point	: 150-200°C
Flash point	: <0°C
Self ignition temperature	: >230°C
Flammability limits % (Lower)	: 0.6
Flammability limits % (Upper)	: 9.0
Relative density	: Not applicable.
VOC g/l	: 520
Part.coeff. n-octanol/water	: Not applicable.
Vapour pressure	: Not applicable.

#### 9.2. Other information

No additional information available.

### SECTION 10: Stability and Reactivity

#### 10.1. Reactivity

Stable under recommended transport or storage conditions.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

#### 10.4. Conditions to avoid

Heat. Direct sunlight. Hot surfaces. Sources of ignition. Flames.

#### 10.5. Incompatible materials

Strong oxidising agents. Strong acids.

#### 10.6. Hazardous decomposition products

In combustion emits toxic fumes.

## SECTION 11: Toxicological Information

### 11.1. Information on toxicological effects

#### HYDROCARBONS, C9-12, N-ALKANES, ISO-ALKANES, CYCLICS, AROMATICS 2-25%, <0.1% BENZENE

LD50 dermal rabbit	> 2000 mg/kg bodyweight
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- Relevant hazards : STOT-single exposure. Hazardous: Calculated.
- Skin contact : There may be irritation and redness at the site of contact.
- Eye contact : There may be irritation and redness. The eyes may water profusely.
- Ingestion : There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.
- Inhalation : There may be irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur.
- Delayed / immediate effects : Immediate effects can be expected after short-term exposure.

## SECTION 12: Ecological Information

### 12.1. Toxicity

#### HYDROCARBONS, C9-12, N-ALKANES, ISO-ALKANES, CYCLICS, AROMATICS 2-25%, <0.1% BENZENE

96H LC50	<10 mg/ltr
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### 12.2. Persistence and degradability

Not readily biodegradable.

### 12.3. Bioaccumulative potential

No bioaccumulation potential.

### 12.4. Mobility in soil

Readily absorbed into soil. Volatile. Insoluble in water. Floats on water. Vapour is heavier than air.

### 12.5. Results of PBT and vPvB assessment

This product is not identified as a PBT/vPvB substance.

### 12.6. Other adverse effects

Toxic to aquatic organisms. Toxic to soil organisms.

## SECTION 13: Disposal Considerations

### 13.1. Waste treatment methods

- Disposal operations : Transfer to a suitable container and arrange for collection by specialised disposal company.
- Disposal of packaging : Dispose of as normal industrial waste. Empty cans must not be burned because of explosion hazard.

The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**SECTION 14: Transport Information***In accordance with ADR / RID / IMDG / IATA***14.1. UN number**

UN Number : UN1950

**14.2. UN proper shipping name**

Proper Shipping Name : Aerosols

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

Transport hazard class : 2

**14.4. Packing group**

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

**14.5. Environmental hazards**

Dangerous for the environment : Yes

Marine pollutant : No

Other information : No supplementary information available

**14.6. Special precautions for user**

Special precautions : No special precautions.

Tunnel code : D

Transport category : 2

**14.7. 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****15.2. Chemical safety assessment**

No chemical safety assessment has been carried out

**SECTION 16: Other Information**

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

**IMPORTANT NOTE:** Risk phrases in this section below relate to the INDIVIDUAL COMPONENTS in the formulation when used at their FULL CONCENTRATIONS, and not at the reduced levels in the mixed product.

See sections 2 and 3 for the calculated hazard and risk phrases for the blended product.

Phrases used in s.2 and s.3:

EUH066: Repeated exposure may cause skin dryness or cracking.

H220: Extremely flammable gas.

H222: Extremely flammable aerosol.

H226: Flammable liquid and vapour.

H229: Pressurised container: May burst if heated

H304: May be fatal if swallowed and enters airways.

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness.

H411: Toxic to aquatic life with long lasting effects.

Other information : None.

*The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product. For professional and industrial use only.*