



## AC-90 Multipurpose Lubricant **SAFETY DATA SHEET**

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 453/2010

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

- |  |   |  |
|--|---|--|
| <b>1.1 Product identifier</b>  | Product Name<br>Trade Name<br>Part No.<br>CAS No.<br>EINECS No.<br>REACH Registration No. | AC-90 Multipurpose Lubricant.<br>AC-90 Multipurpose Lubricant.<br>1839, 1943, 1994, 2006<br>Mixture.<br>Mixture.<br>None assigned.         |
| <b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b> | Identified use(s)<br><br>Uses advised against   | Cleaner, Lubricant, Anti –Rust fluid, Displaces Moisture, Removes sticky deposits, removes rust marks.<br>Do not mix with other chemicals. |
| <b>1.3 Details of the supplier of the Safety Data Sheet</b>                              | Company Identification<br><br><br><br>Telephone<br>Fax<br>E-Mail (competent person)       |  |
| <b>1.4 Emergency telephone number</b>  | Emergency Phone No.   |  |

### 2. SECTION 2: HAZARDS IDENTIFICATION

- |   |   |   |
|---|---|---|
| <b>2.1 Classification of the substance or mixture</b> | <b>Regulation (EC) No. 1272/2008 (CLP)</b>  | Aerosol 1; Extremely flammable aerosol. Pressurised container: May burst if heated.<br>STOT SE 3; May cause drowsiness or dizziness.<br>Aquatic Chronic 3; Harmful to aquatic life with long lasting effects.<br>Repeated exposure may cause skin dryness or cracking.  |
| <b>2.2 Label elements</b>                             | Product Name<br>Hazard pictogram(s)   | According to Regulation (EC) No. 1272/2008 (CLP)<br>AC-90 Multipurpose Lubricant.<br><br><div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <br/>                     GHS02                 </div> <div style="text-align: center;"> <br/>                     GHS07                 </div> </div> |
| Signal word(s)<br>Hazard statement(s)                 | Danger.<br>H222: Extremely flammable aerosol.<br>H229: Pressurised container: May burst if heated.<br>H336: May cause drowsiness or dizziness.<br>H412: Harmful to aquatic life with long lasting effects.<br>EUH066: Repeated exposure may cause skin dryness or cracking. |   |



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Precautionary statement(s)	<p>P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P211: Do not spray on an open flame or other ignition source.</p> <p>P251: Do not pierce or burn, even after use.</p> <p>P261: Avoid breathing vapours.</p> <p>P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.</p>
Additional Information	<p>Keep out of reach of children.</p> <p>Do not spray on a naked flame or any incandescent material.</p> <p>This product is aerosol packed and in a limited quantity as such it is unlikely to pose a significant spill or environmental hazard.</p>
<b>2.3 Other hazards</b>	None.
<b>2.4 Additional Information</b>	<p>For full text of H/P phrases see section 16.</p> <p>Gloves advised as general industrial good practice.</p>

### 3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Product as supplied: Aerosol.

#### 3.1 Mixtures

EC Classification No. 1272/2008

Hazardous ingredient(s)	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard pictogram(s) and Hazard statement(s)
Naphtha (petroleum), hydrotreated heavy	50 - 75	64742-48-9	265-150-3	None assigned	GHS02, Flam. Liq. 3; H226, GHS07, STOT SE 3; H336, GHS08, Asp. Tox. 1; H304, Aquatic Chronic 3; H412, EUH066
Butane	10 - 25	106-97-8	203-447-8	None assigned	GHS02, Flam. Gas 1; H220, GHS04, Press. Gas: Liquefied gas; H280
Isobutane	10 - 25	75-28-5	200-857-2	None assigned	GHS02, Flam. Gas 1; H220, GHS04, Press. Gas: Liquefied gas; H280

#### 3.2 Additional Information

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

### 4. SECTION 4: FIRST AID MEASURES



#### 4.1 Description of first aid measures

Inhalation	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
Skin Contact	Wash affected skin with soap and water. Remove any contaminated clothing, do not keep cloths contaminated with this product in overall pockets or next to skin.
Eye Contact	Hold eye open and rinse slowly and gently with water for 15-20 minutes. If symptoms persist, obtain medical attention.



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Ingestion	Unlikely route of exposure. Wash out mouth with water. Do not induce vomiting. Risk of aspiration.
<b>4.2 Most important symptoms and effects, both acute and delayed</b>	Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.
<b>4.3 Indication of any immediate medical attention and special treatment needed</b>	Unlikely to be required but if necessary treat symptomatically.

### 5. SECTION 5: FIRE-FIGHTING MEASURES

<b>5.1 Extinguishing Media</b>	
Suitable Extinguishing Media	Extinguish preferably with dry chemical, sand or carbon dioxide.
Unsuitable Extinguishing Media	Water jet spray.
<b>5.2 Special hazards arising from the substance or mixture</b>	Heating may cause pressure rise with risk of bursting.
<b>5.3 Advice for fire-fighters</b>	Fire fighters should wear complete protective clothing including self-contained breathing apparatus. If it is safe to do so, containers should be removed from fire area because they are likely to rupture under fire conditions. Keep fire exposed containers cool by spraying with water.

### 6. SECTION 6: ACCIDENTAL RELEASE MEASURES

The product is an aerosol. It is unlikely to present spillage or leakage hazard. In case of rupture, released content should be contained as any other solvent spill.

<b>6.1 Personal precautions, protective equipment and emergency procedures</b>	Eliminate sources of ignition. Ensure adequate ventilation. Stop leak if safe to do so. Avoid breathing vapours. Wear protective gloves.
<b>6.2 Environmental precautions</b>	Do not allow to enter drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.
<b>6.3 Methods and material for containment and cleaning up</b>	Place leaking cans in a bucket or pail to minimise product contamination of surfaces. Collect spillage. Absorb remaining liquid in sand or inert absorbent and remove to safe place. Transfer to a container for disposal. Do NOT wash away into sewer. Containers must not be punctured or destroyed by burning, even when empty.
<b>6.4 Reference to other sections</b>	See Also Section 8, 13.

### 7. SECTION 7: HANDLING AND STORAGE

<b>7.1 Precautions for safe handling</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep away from: Electrostatic charge. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not let the can touch battery terminals, electrical connectors or any source of electricity. Use product in a well-ventilated area only. Ensure adequate ventilation. Avoid breathing vapours. Avoid prolonged skin contact. Wear protective gloves.
<b>7.2 Conditions for safe storage, including any incompatibilities</b>	Protect from sunlight. Store in a well-ventilated place. Industrial product for professional use. Locked storage does not apply to this product.
Storage Temperature	Do not expose to temperatures exceeding 50°C/ 122°F.
Storage Life	Stable under normal conditions.
Incompatible materials	Oxidizing agents, Reducing agent.
<b>7.3 Specific end use(s)</b>	Cleaner, Lubricant, Anti -Rust fluid, Displaces Moisture, Removes sticky deposits, removes rust marks.

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### 8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

##### 8.1.1 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
Butane	106-97-8	600	1450	750	1810	WEL

WEL: Workplace Exposure Limit (UK HSE EH40)

**8.1.2 Biological limit value** Not established.

**8.1.3 PNECs and DNELs** Not established.

#### 8.2 Exposure controls

##### 8.2.1 Appropriate engineering controls

Provide adequate ventilation.

##### 8.2.2 Personal protection equipment

Not normally required, but eye protection advised as good practice for Industrial users. Take care to always spray away from your face. Not normally required.

Eye/face protection



Skin protection (Hand protection/Other)



Not normally required. Wear suitable gloves if prolonged skin contact is likely.

Respiratory protection



In case of insufficient ventilation, wear suitable respiratory equipment. A suitable mask with filter type A (EN14387 or EN405) may be appropriate.

Thermal hazards

Not applicable.

##### 8.2.3 Environmental Exposure Controls

Avoid release to the environment.

### 9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance	Aerosol.
Colour	Pale brown.
Odour	Characteristic.
Odour Threshold	Not available.
pH	Not applicable.
Melting Point/Freezing Point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not applicable (Aerosol spray can) 43°C (Refers to product before aerosol packing)
Evaporation rate	Not applicable.
Flammability (solid, gas)	Aerosol 1; Extremely flammable aerosol.
Upper/lower flammability or explosive limits	0.6 – 8.5 Vol-%
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	Not available.
Solubility(ies)	Immiscible.



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Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	The product is not self-igniting.
Ignition temperature	240°C
Decomposition Temperature	Not available.
Viscosity	Not available.
Explosive properties	Pressurised container: May burst if heated.
Oxidising properties	Not oxidising.
<b>9.2 Other information</b>	None.

### 10. SECTION 10: STABILITY AND REACTIVITY

<b>10.1 Reactivity</b>	Stable under normal conditions.
<b>10.2 Chemical stability</b>	Stable under normal conditions.
<b>10.3 Possibility of hazardous reactions</b>	Reacts violently with - Strong oxidising agents.
<b>10.4 Conditions to avoid</b>	Heat and direct sunlight. Do not mix with other chemicals.
<b>10.5 Incompatible materials</b>	Oxidizing agent, Reducing agent.
<b>10.6 Hazardous Decomposition Product(s)</b>	This product may give rise to hazardous fumes in a fire.

### 11. SECTION 11: TOXICOLOGICAL INFORMATION

<b>11.1 Information on toxicological effects</b>	
<b>11.1.1 Mixtures</b>	
<b>Acute toxicity</b>	
Inhalation	STOT SE 3; May cause drowsiness or dizziness.
<b>Irritation</b>	Repeated exposure may cause skin dryness or cracking.
<b>Corrosivity</b>	Not classified.
<b>Sensitisation</b>	It is not a skin sensitiser.
<b>Repeated dose toxicity</b>	None anticipated.
<b>Carcinogenicity</b>	No evidence of carcinogenicity. No components are listed as a carcinogens or suspected carcinogens.
<b>Mutagenicity</b>	There is no evidence of mutagenic potential.
<b>Toxicity for reproduction</b>	None anticipated.
<b>11.2 Other information</b>	None.

### 12. SECTION 12: ECOLOGICAL INFORMATION

<b>12.1 Toxicity</b>	Aquatic Chronic 3; Harmful to aquatic life with long lasting effects.
<b>12.2 Persistence and degradability</b>	This product is readily biodegradable in soil.
<b>12.3 Bioaccumulative potential</b>	No information available.
<b>12.4 Mobility in soil</b>	The product is predicted to have low mobility in soil.
<b>12.5 Results of PBT and vPvB assessment</b>	Not classified as PBT or vPvB.
<b>12.6 Other adverse effects</b>	None.

### 13. SECTION 13: DISPOSAL CONSIDERATIONS

<b>13.1 Waste treatment methods</b>	Recycle only completely emptied packaging. Containers must not be punctured or destroyed by burning, even when empty. Non-emptied aerosol: Dispose of wastes in an approved waste disposal facility.
<b>13.2 Additional Information</b>	Disposal should be in accordance with local, state or national legislation. Do not allow into any sewer on the ground, or into any body of water.



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### 14. SECTION 14: TRANSPORT INFORMATION

<b>14.1 UN number</b>	UN 1950
<b>14.2 UN proper shipping name</b>	Limited quantity provisions and exceptions apply to aerosol products in transit.
ADR/RID/ADN/IMDG	AEROSOLS.
ICAO/IATA	AEROSOLS, FLAMMABLE.
<b>14.3 Transport hazard class(es)</b>	
ADR/RID/ADN	2
IMDG/ICAO/IATA	2.1
<b>14.4 Packing Group</b>	None.
<b>14.5 Environmental hazards</b>	Not classified as a Marine Pollutant.
<b>14.6 Special precautions for user</b>	None.
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
<b>14.8 Additional Information</b>	
IMDG Code	EmS: F-D, S-U
Tunnel Restriction Code	D

### 15. SECTION 15: REGULATORY INFORMATION

<b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
<b>15.1.1 EU regulations</b>	
<b>Authorisations and/or restrictions on use</b>	
Candidate List of Substances of Very High Concern for Authorisation	All chemicals are not listed.
REACH: ANNEX XIV LIST OF SUBSTANCES SUBJECT TO AUTHORISATION	All chemicals are not listed.
REACH: ANNEX XVII RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES	All chemicals are not listed.
Community Rolling Action Plan (CoRAP); Draft 04/11/2013	All chemicals are not listed.
<b>15.1.2 National regulations</b>	None known.
<b>15.2 Chemical Safety Assessment</b>	Not available.

### 16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

List contains all hazards, precautions and hazard pictograms may/may not be applicable to this product.

#### LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration
PBT	Persistent, Bioaccumulative and Toxic
vPvB	very Persistent and very Bioaccumulative
Aerosol 1	Aerosol Category 1
Asp. Tox. 1	Aspiration hazard Category 1
Flam. Gas 1	Flammable gas Category 1
Flam. Liq. 3	Flammable Liquid Category 3
STOT SE 3	Specific target organ toxicity — single exposure Category 3

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Aquatic Chronic 3      Hazardous to the aquatic environment Category 3  
Press. Gas              Gases under pressure

### Hazard statement(s) and Precautionary statement(s)

H220                      Extremely flammable gas.  
H226                      Flammable liquid and vapour.  
H280                      Contains gas under pressure; may explode if heated.  
H304                      May be fatal if swallowed and enters airways.  
H336                      May cause drowsiness or dizziness.  
H412                      Harmful to aquatic life with long lasting effects.  
EUH066                  Repeated exposure may cause skin dryness or cracking.  
P273                      Avoid release to the environment.  
P304+P340              IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P312                      Call a POISON CENTER/doctor if you feel unwell.

### Hazard pictogram(s) and Hazard Symbol

GHS02



GHS04



GHS07



GHS08



### Disclaimers

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### Annex to the extended Safety Data Sheet (eSDS)

No information available.