





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

1.1 Product identifier	
Product Name	AC-90 Multipurpose Lubricant.
Trade Name	AC-90 Multipurpose Lubricant.
Part No.	1839, 1943, 1994, 2006
CAS No.	Mixture.
EINECS No.	Mixture.
REACH Registration No.	None assigned.
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Identified use(s)	Cleaner, Lubricant, Anti –Rust fluid, Displaces Moisture, Removes sticky deposits, removes rust marks.
Uses advised against	Do not mix with other chemicals.
1.3 Details of the supplier of the Safety Data Sheet	
Company Identification	Action Can Ltd., Dixon Close, Old Boston Trading Estate, Haydock, St. Helens, Merseyside. WA11 9SF.
Telephone	00 44 1942 713667
Fax	01942 716235
E-Mail (competent person)	info@actioncan.com
1.4 Emergency telephone number	
Emergency Phone No.	01942 713667 (Mon - Fri: 9am to 5pm)

2. SECTION 2: HAZARDS IDENTIFICATION

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



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Precautionary statement(s)	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. P261: Avoid breathing vapours. P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.
Additional Information	Keep out of reach of children. Do not spray on a naked flame or any incandescent material. This product is aerosol packed and in a limited quantity as such it is unlikely to pose a significant spill or environmental hazard.
2.3 Other hazards	None.
2.4 Additional Information	For full text of H/P phrases see section 16. Gloves advised as general industrial good practice.

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.
4.2 Most important symptoms and effects, both acute and delayed	Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.
4.3 Indication of any immediate medical attention and special treatment needed	Unlikely to be required but if necessary treat symptomatically.

5. SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media	
Suitable Extinguishing Media	Extinguish preferably with dry chemical, sand or carbon dioxide.
Unsuitable Extinguishing Media	Water jet spray.
5.2 Special hazards arising from the substance or mixture	Heating may cause pressure rise with risk of bursting.
5.3 Advice for fire-fighters	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.

6.1 Personal precautions, protective equipment and emergency procedures	Eliminate sources of ignition. Ensure adequate ventilation. Stop leak if safe to do so. Avoid breathing vapours. Wear protective gloves.
6.2 Environmental precautions	Do not allow to enter drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.
6.3 Methods and material for containment and cleaning up	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.
6.4 Reference to other sections	See Also Section 8, 13.

7. SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling	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.
7.2 Conditions for safe storage, including any incompatibilities	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.
7.3 Specific end use(s)	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 ³)	STEL (ppm)	STEL (mg/m ³)	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)



Respiratory protection



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)

Evaporation rate

43°C (Refers to product before aerosol packing)

Flammability (solid, gas)

Not applicable.

Upper/lower flammability or explosive limits

Aerosol 1; Extremely flammable aerosol.

Vapour pressure

0.6 – 8.5 Vol-%

Vapour density

Not available.

Relative density

Not available.

Solubility(ies)

Not available.

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.
9.2 Other information	None.

10. SECTION 10: STABILITY AND REACTIVITY

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

11. SECTION 11: TOXICOLOGICAL INFORMATION

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

12. SECTION 12: ECOLOGICAL INFORMATION

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

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	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.
13.2 Additional Information	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

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

15. SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	
15.1.1 EU regulations	
Authorisations and/or restrictions on use	
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.
15.1.2 National regulations	None known.
15.2 Chemical Safety Assessment	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



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Annex to the extended Safety Data Sheet (eSDS)

No information available.