

SDS ATTACHMENT

PLEASE ATTACH THIS COMPLETED SHEET TO THE SDS FOR:

PRODUCT:

SL90 Lubricating Oil

DATE:

(SDS date)

12-Nov-14

1. Manufacturer/Supplier:

Tradegear Ltd
Level 1, 99 Clarence Street
Riccarton
Christchurch 8011
New Zealand
Phone: 0800 22 44 34 or +64 3 331 6517
Fax: 0800 22 11 51 or +64 9 522 8833
24 hr emergency contact: +64 21 510 624
Website: www.tradegear.co.nz
Email: office@tradegear.co.nz

Emergency Information:

National Poison Centre: 0800 764 766
Chemcall 24/7 Emergency Response Service: 0800 243 622

13. Disposal Considerations:

Product

Recommendation - Consult local or national regulations to ensure proper disposal.

Packaging

Disposal must be made according to official regulations.

16. Other Information:

Employers should use this information only as a supplement to other information gathered by them and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.




SL-90 Lubricating Oil + P.T.F.E. 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	SL-90 Lubricating Oil + P.T.F.E.
Trade Name	SL-90 Lubricating Oil + P.T.F.E.
Part No.	1948
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)	General effective lubrication of metal components and light machinery.
Uses advised against	None known.
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.
2.2 Label elements	
Product Name	According to Regulation (EC) No. 1272/2008 (CLP) SL-90 Lubricating Oil + P.T.F.E.
Hazard Pictogram(s)	
Signal Word(s)	GHS02 Danger.
Hazard Statement(s)	H222: Extremely flammable aerosol. H229: Pressurised container: May burst if heated.
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. P410+P412: Protect from sunlight. Do not expose to



SL-90 Lubricating Oil + P.T.F.E.

Additional Information temperatures exceeding 50°C/ 122°F.
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 None.

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)
Distillates (petroleum), hydrotreated heavy paraffinic	60 – 80	64742-54-7	265-157-1	01-2119484627-25-0000	None
Butane	10 – 20	106-97-8	203-448-7	01-2119474691-32-0000	GHS02, Flam. Gas 1; H220, GHS04, Press Gas: Liquefied gas; H280
Isobutane	5 – 10	75-28-5	200-857-2	01-2119485395-27-0000	GHS02, Flam. Gas 1; H220, GHS04, Press Gas: Liquefied gas; H280
Propane	5 – 10	74-98-6	200-827-9	01-2119486944-21-0000	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 breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Skin Contact

Wash skin with soap and water. If symptoms develop, obtain medical attention.

Eye Contact

Flush eyes with water for at least 15 minutes while holding eyelids open.

Ingestion

Unlikely route of exposure.

4.2 Most important symptoms and effects, both acute and delayed

None anticipated.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.



SL-90 Lubricating Oil + P.T.F.E.

5. SECTION 5: FIRE-FIGHTING MEASURES

Pressurised container: May burst if heated.

- | | |
|--|--|
| 5.1 Extinguishing Media
Suitable Extinguishing Media | Extinguish preferably with dry chemical, sand, foam or carbon dioxide. |
| Unsuitable Extinguishing Media | Do not use water jet. |
| 5.2 Special hazards arising from the substance or mixture | Heating may cause pressure rise with risk of bursting. Decomposes in a fire giving off toxic fumes: Carbon monoxide. |
| 5.3 Advice for fire-fighters | Fire fighters should wear complete protective clothing including self-contained breathing apparatus. 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. Wash hands thoroughly after handling. |
| 6.2 Environmental precautions | Do not release large quantities into the surface water or into drains. |
| 6.3 Methods and material for containment and cleaning up | Place leaking cans in a bucket or pail to minimise product contamination of surfaces. Leaked product will render floors very slippery. Collect mechanically and dispose of according to Section 13. Adsorb spillages onto sand, earth or any suitable adsorbent material. Collect spillage. Transfer to a lidded container for disposal or recovery. |
| 6.4 Reference to other sections | See Also Section: 8. |

7. SECTION 7: HANDLING AND STORAGE

- | | |
|--|---|
| 7.1 Precautions for safe handling | Provide adequate ventilation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Wash hands thoroughly after handling. |
| 7.2 Conditions for safe storage, including any incompatibilities
Storage Temperature
Storage Life
Incompatible materials | Protect from sunlight. Industrial product for professional use. Locked storage does not apply to this product. Do not expose to temperatures exceeding 50°C/ 122°F. Stable under normal conditions.
Strong oxidising agents. |
| 7.3 Specific end use(s) | General effective lubrication of metal components and light machinery. |



SL-90 Lubricating Oil + P.T.F.E.

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

Eye/face protection

Not normally required. Wear suitable eye/face protection.



Skin protection (Hand protection/ Other)

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



Respiratory protection

Wear suitable respiratory protective equipment.



Thermal hazards

Not applicable.

8.2.3 Environmental Exposure Controls

Do not release large quantities into the surface water or into drains.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Aerosol.
Colour	Pale straw.
Odour	Characteristic.
Odour Threshold	Not available.
pH	Not applicable.
Melting Point/Freezing Point	< 0 °C (Distillates (petroleum), hydrotreated heavy paraffinic).
Initial boiling point and boiling range	> 280 °C (Distillates (petroleum), hydrotreated heavy paraffinic).
Flash Point	- 40 °C
Evaporation rate	Not applicable.
Flammability (solid, gas)	Extremely flammable.
Upper/lower flammability or explosive limits	0.8 – 9.0 Vol-%
Vapour pressure	< 0.1 hPa @ 20°C (Distillates (petroleum), hydrotreated heavy paraffinic).



SL-90 Lubricating Oil + P.T.F.E.

Vapour density	Not available.
Relative density	0.86 (Distillates (petroleum), hydrotreated heavy paraffinic).
Solubility(ies)	Insoluble in water. Soluble in: Aliphatic hydrocarbons.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	> 450 °C
Decomposition Temperature	Not available.
Kinematic Viscosity	> 18 cSt @ 40°C (Distillates (petroleum), hydrotreated heavy paraffinic).
Explosive properties	Contains gas under pressure; may explode if heated.
Oxidising properties	Not oxidising.
9.2 Other information	
Can Pressure	2.75 bar
Volatile Organic Compound Content	22 g/100 ml
DMSO Content	< 3%

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	No hazardous reaction known if used for its intended purpose.
10.4 Conditions to avoid	Keep away from heat, sources of ignition and direct sunlight.
10.5 Incompatible materials	Strong oxidising agents.
10.6 Hazardous Decomposition Product(s)	No hazardous decomposition products known.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects	
11.1.1 Mixtures	
Acute toxicity	Low acute toxicity. Distillates (petroleum), hydrotreated heavy paraffinic: Oral: LD50 (rat) > 5000 mg/kg Inhalation: LC50 (rat) = 2.18 mg/l Dermal: LD50 (rabbit) > 2000 mg/kg
Irritation	Non-irritant.
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.
Aspiration hazard	None anticipated.
11.2 Other information	None.



SL-90 Lubricating Oil + P.T.F.E.



12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	Low toxicity to aquatic organisms. Distillates (petroleum), hydrotreated heavy paraffinic: Fish: LC50 (96 hour)(Oncorhynchus mykiss) > 5000 mg/l Aquatic invertebrates: EC50 (48 hour)(Daphnia magna) > 1000 mg/l
12.2 Persistence and degradability	Part of the components are poorly biodegradable. The product is likely to persist in the environment.
12.3 Bioaccumulative potential	The product has low potential for bioaccumulation.
12.4 Mobility in soil	Insoluble in water. 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.

14. SECTION 14: TRANSPORT INFORMATION

14.1 UN number	UN 1950
14.2 UN Proper Shipping Name ADR/RID/ADN/IMDG ICAO/IATA	AEROSOLS. AEROSOLS, FLAMMABLE.
14.3 Transport hazard class(es) ADR/RID/ADN/IMDG ICAO/IATA	2 2.1
14.4 Packing Group	III
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 ADR Hazard label(s) IMDG Code	2.1 EMS F-D, S-U



SL-90 Lubricating Oil + P.T.F.E.



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 XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	All chemicals are not listed.
REACH: ANNEX XIV List of substances subject to authorisation	All chemicals are not listed.
Community Rolling Action Plan (CoRAP); Draft 26/03/2014	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.

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
ADR	Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID	Regulations Concerning the International Carriage of Dangerous Goods by Rail
ADN	Accord européen relative au transport international des marchandises Dangereuses par voies de Navigation interieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Code for Dangerous Goods
Aerosol 1	Aerosol Category 1
Flam. Gas 1	Flammable gas Category 1
Press. Gas	Gases under pressure

Hazard Statement(s)

H220	Extremely flammable gas.
H280	Contains gas under pressure; may explode if heated.



SL-90 Lubricating Oil + P.T.F.E.

Hazard Pictogram(s)

GHS02



GHS04



Disclaimers

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Action Can Ltd. gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Action Can Ltd. accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.

Annex to the extended Safety Data Sheet (eSDS)

No information available.