

# SDS ATTACHMENT

PLEASE ATTACH THIS COMPLETED SHEET TO THE SDS FOR:

PRODUCT:

SC90 Stainless Steel Cleaner

DATE:

(SDS date)

1-Mar-15

**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](http://www.tradegear.co.nz)  
Email: [office@tradegear.co.nz](mailto: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.



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## SC-90 STAINLESS STEEL CLEANER H1 FOOD GRADE

# 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	SC-90 STAINLESS STEEL CLEANER H1 FOOD GRADE .
Trade Name	SC-90 STAINLESS STEEL CLEANER H1 FOOD GRADE.
Part No.	1960
CAS No.	Mixture.
EINECS No.	Mixture.
REACH Registration No.	None assigned.
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>	
Identified use(s)	General effective lubrication of metal components and light machinery. Industrial product not intended for supply to the general public. Approved for use in food manufacturing, storage and distribution.
Uses advised against	None known.
<b>1.3 Details of the supplier of the Safety Data Sheet</b>	
Company Identification	Action Can Ltd., Dixon Close, Old Boston Trading Estate, Haydock, St. Helens, Merseyside. WA11 9SF.
Telephone	01942 713667
Fax	01942 716235
E-Mail (competent person)	<a href="mailto:info@actioncan.com">info@actioncan.com</a>
<b>1.4 Emergency telephone number</b>	
Emergency Phone No.	01942 713667 (Mon - Fri: 9am to 5pm)

### 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.
<b>2.2 Label elements</b>	
Product Name	According to Regulation (EC) No. 1272/2008 (CLP) SC-90 STAINLESS STEEL CLEANER H1 FOOD GRADE.
Hazard pictogram(s)	
Signal word(s)	GHS02 Danger.
Hazard statement(s)	H222: Extremely flammable aerosol. H229: Pressurised container: May burst if heated.



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## SC-90 STAINLESS STEEL CLEANER H1 FOOD GRADE

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 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**

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.	EC Classification and Risk Phrases
Distillates (petroleum), hydrotreated heavy paraffinic	60 – 80	64742-54-7	265-157-1	01-2119484627-25-XXXX	GHS08, Asp. Tox. 1; H304
Butane	10 – 20	106-97-8	203-448-7	None assigned	GHS02, Flam. Gas 1; H220, GHS04, Press. Gas: Liquefied gas; H280
Isobutane	5 – 10	75-28-5	200-857-2	None assigned	GHS02, Flam. Gas 1; H220, GHS04, Press. Gas: Liquefied gas; H280
Propane	5 – 10	74-98-6	200-827-9	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.



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## SC-90 STAINLESS STEEL CLEANER H1 FOOD GRADE

### 4. SECTION 4: FIRST AID MEASURES



#### 4.1 Description of first aid measures

Inhalation	Move person to fresh air. If symptoms persist, obtain medical attention.
Skin Contact	Wash skin with soap and water. If symptoms persist, obtain medical attention.
Eye Contact	Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. If symptoms persist, obtain medical attention.
Ingestion	Unlikely route of exposure.

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

Unlikely to be required but if necessary treat symptomatically.

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

No special requirements.

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

#### 5.1 Extinguishing Media

Suitable Extinguishing Media  
Unsuitable Extinguishing Media

Extinguish with carbon dioxide, dry chemical, foam or waterspray. Water jet spray.

#### 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, Carbon dioxide, unburned hydrocarbon (smokes).

#### 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. Cool burning stock with water spray to cool and reduce the risk of aerosol bursting.

### 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 oil spill.

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

Eliminate sources of ignition. Caution - spillages may be slippery. Stop leak if safe to do so.

#### 6.2 Environmental precautions

Do not allow to enter drains, sewers or watercourses.

#### 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. Absorb remaining liquid in sand or inert absorbent and remove to safe place. Transfer to a container for disposal. Containers must not be punctured or destroyed by burning, even when empty.

#### 6.4 Reference to other sections

See Also Section 8, 13.



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## SC-90 STAINLESS STEEL CLEANER H1 FOOD GRADE

### 7. SECTION 7: HANDLING AND STORAGE

- |   |  |
|---|--|
| <p><b>7.1 Precautions for safe handling</b></p>   | <p>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. Do not let the can touch battery terminals, electrical connectors or any source of electricity. Use product in a well-ventilated area only.</p> |
| <p><b>7.2 Conditions for safe storage, including any incompatibilities</b></p> <p>Storage Temperature<br/>Storage Life<br/>Incompatible materials</p> | <p>Protect from sunlight. Store in a dry place. Keep in a well ventilated place. Industrial product for professional use. Locked Storage regulation does not apply to this product.</p> <p>Do not expose to temperatures exceeding 50°C/ 122°F.<br/>Stable under normal conditions.</p>  |
| <p><b>7.3 Specific end use(s)</b></p>   | <p>Strong oxidising agents, Strongly alkaline, Strongly acidic.<br/>General effective lubrication of metal components and light machinery. Industrial product not intended for supply to the general public.</p>   |





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

**8.1 Control parameters**

**8.1.1 Occupational Exposure Limits**

SUBSTANCE	CAS No.	LTTEL (8 hr TWA ppm)	LTTEL (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)

- |  |   |
|--|---|
| <p><b>8.1.2 Biological limit value</b></p>   | <p>Not established.</p>   |
| <p><b>8.1.3 PNECs and DNELs</b></p>  | <p>Not established.</p>   |
| <p><b>8.2 Exposure controls</b></p> <p><b>8.2.1 Appropriate engineering controls</b></p>   | <p>Provide adequate ventilation.</p>  |
| <p><b>8.2.2 Personal protection equipment</b></p> <p>Eye/face protection</p>  | <p>Not normally required.</p>   |
| <p>Skin protection (Hand protection/Other)</p>                                | <p>Not normally required. Wear suitable gloves if prolonged skin contact is likely.</p> |
| <p>Respiratory protection</p>   | <p>No personal respiratory protective equipment normally required.</p>                  |
| <p>Thermal hazards</p>    | <p>Not applicable.</p>  |
| <p><b>8.2.3 Environmental Exposure Controls</b></p>  | <p>Do not allow to enter drains, sewers or watercourses.</p>                            |



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## SC-90 STAINLESS STEEL CLEANER H1 FOOD GRADE

### 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 applicable.
pH	Not available.
Melting Point/Freezing Point	Not available.
Initial boiling point and boiling range	>280°C [Distillates (petroleum), hydrotreated heavy paraffinic]
Flash point	-40°C
Evaporation rate	Not available.
Flammability (solid, gas)	Aerosol 1; Extremely flammable aerosol.
Upper/lower flammability or explosive limits	0.8 – 9.0Vol-% @ 25°C
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	Not applicable.
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	>18cSt @ 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	2.75bar
Volatile Organic Compound Content	22gm/100ml

### 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	Stable under normal conditions.
10.4 Conditions to avoid	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
10.5 Incompatible materials	Strong oxidising agents, Strongly alkaline, Strongly acidic.
10.6 Hazardous Decomposition Product(s)	Carbon monoxide, Carbon dioxide, unburned hydrocarbon (smokes).

### 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 bw Dermal: LD50 (rabbit) > 2000mg/kg bw
Irritation	Non-irritant.
Corrosivity	Not classified.
Sensitisation	It is not a skin sensitiser.
Repeated dose toxicity	None anticipated.
Carcinogenicity	No evidence of carcinogenicity.
Mutagenicity	There is no evidence of mutagenic potential.
Toxicity for reproduction	None anticipated.



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## SC-90 STAINLESS STEEL CLEANER H1 FOOD GRADE

11.2 Other information None.

### 12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity Low toxicity to aquatic organisms.  
Distillates (petroleum), hydrotreated heavy paraffinic:  
Fish: LL50 (96 hour) > 100mg/l  
Aquatic invertebrates: LL50 (48 hour) > 10000mg/l

12.2 Persistence and degradability Part of the components are poorly biodegradable.

12.3 Bioaccumulative potential The product has low potential for bioaccumulation.

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.

### 14. SECTION 14: TRANSPORT INFORMATION

14.1 UN number UN 1950

14.2 UN proper shipping name  
ADR/RID/ADN/IMDG AEROSOLS.  
ICAO/IATA AEROSOLS, FLAMMABLE.

14.3 Transport hazard class(es)  
ADR/RID/ADN/IMDG 2  
ICAO/IATA 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

14.8.1 ADR Hazard label(s) 2.1

14.8.2 IMDG Code EMS F-D, S-U

### 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.



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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
Flam. Gas 1	Flammable gas Category 1
Press. Gas	Gases under pressure
Asp. Tox. 1	Aspiration hazard Category 1

### Hazard statement(s)

H220	Extremely flammable gas.
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.

### 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.

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

No information available.