

# SDS ATTACHMENT

PLEASE ATTACH THIS COMPLETED SHEET TO THE SDS FOR:

PRODUCT:

PTFE Dry Film Lubricant

DATE:

(SDS date)

7-May-12

**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**

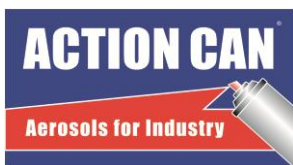
Recommendation - Consult local or national regulations to ensure proper disposal.

**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.



Approval Number 1795392

Certificate Number :768QM8001

Original Certificate Number :768/95

## Food Grade H1 PTFE Dry Film Lubricant


# SAFETY DATA SHEET

ACCORDING TO EC-REGULATIONS 453/2010

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

<b>1.1 Product identifier</b>	
Product Name	Food Grade H1 PTFE Dry Film Lubricant.
Trade Name	Food Grade H1 PTFE Dry Film Lubricant.
Part No.	1962
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)	The lubrication of Food Production machines.
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)	info@actioncan.com
<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>	
Directive 67/548/EEC & Directive 1999/45/EC	F+; Extremely flammable. Vapours may cause drowsiness and dizziness.
<b>2.2 Label elements</b>	
Product Name	According to Directive 67/548/EEC & Directive 1999/45/EC
Hazard Symbol	Food Grade H1 PTFE Dry Film Lubricant. 
Risk Phrases	F+ R12: Extremely flammable. R67: Vapours may cause drowsiness and dizziness.
Safety Phrases	S2: Keep out of the reach of children. S16: Keep away from sources of ignition - No smoking. S23: Do not breathe vapour/spray. S51: Use only in well-ventilated areas.



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Additional Information

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C.  
Do not pierce or burn, even after use.  
Do not spray on a naked flame or any incandescent material.

### 2.3 Other hazards

May cause eye irritation. Repeated and/or prolonged skin contact may cause irritation.

### 2.4 Additional Information

None.

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

Product as supplied: Aerosol.

### 3.1 Mixtures

EC Classification No. 67/548/EEC

Hazardous ingredient(s)	%W/W	CAS No.	EC No.	REACH Registration No.	EC Classification and Risk Phrases
P.T.F.E (Polytetrafluoroethylene)	0 - 20	9002-84-0	None	None assigned	Xi; R36
Propan-2-ol	0 - 20	67-63-0	200-661-7	None assigned	F; R11, Xi; R36, R67
Petroleum gases, liquefied	>20	68476-85-7	270-704-2	None assigned	F+; R12

### 3.2 Additional Information

For full text of R phrases see section 16.

## 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 irritation develops and persists, get medical attention.

Eye Contact

Remove any contact lenses. Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. If symptoms develop, obtain medical attention.

Ingestion

Unlikely route of exposure.

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

Eye Contact: Redness, Pain.

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

Unlikely to be required but if necessary treat symptomatically.



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

- 5.1 Extinguishing Media**  
Suitable Extinguishing Media Extinguish preferably with dry chemical, sand, foam or carbon dioxide.  
Unsuitable Extinguishing Media Water.
- 5.2 Special hazards arising from the substance or mixture**  
Heating may cause pressure rise with risk of bursting. May give off toxic fumes in a fire.
- 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

- 6.1 Personal precautions, protective equipment and emergency procedures** Eliminate sources of ignition. Ensure adequate ventilation.
- 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. Leaked product will render floors very slippery. Adsorb spillages onto sand, earth or any suitable adsorbent material.
- 6.4 Reference to other sections** See Also Section 7, 8, 13.

### 7. SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling** Ensure adequate ventilation. Keep away from sources of ignition - No smoking. Do not pierce or burn, even after use. Do not breathe vapour/spray. Avoid contact with skin and eyes. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Keep out of reach of children.
- 7.2 Conditions for safe storage, including any incompatibilities** Protect from sunlight. Store in dry place. Keep in a well ventilated place.  
Storage Temperature Do not expose to temperatures exceeding 50°C/ 122°F.  
Storage Life Stable under normal conditions.  
Incompatible materials Strong oxidising agents, Strongly alkaline, Strongly acidic.
- 7.3 Specific end use(s)** The lubrication of Food Production machines.

### 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
Propan-2-ol	67-63-0	400	999	500	1250	WEL
Petroleum gases, liquefied	68476-85-7	1000	1750	1250	2180	WEL

WEL: Workplace Exposure Limit (UK HSE EH40)






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<b>8.1.2 Biological limit value</b>	Not established.
<b>8.1.3 PNECs and DNELs</b>	Not established.
<b>8.2 Exposure controls</b>	
<b>8.2.1 Appropriate engineering controls</b>	Provide adequate ventilation.
<b>8.2.2 Personal protection equipment</b>	
Eye/face protection	Not normally required. Wear eye protection with side protection (EN166).
	
Skin protection (Hand protection/Other)	Wear suitable gloves if prolonged skin contact is likely.
	
Respiratory protection	No personal respiratory protective equipment normally required. Wear a suitable respirator if the ventilation is not sufficient to keep the solvent vapour concentration below the occupational limit values.
	
Thermal hazards	Not applicable.
<b>8.2.3 Environmental Exposure Controls</b>	Do not allow to enter drains, sewers or watercourses.

## 9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>9.1 Information on basic physical and chemical properties</b>	
Appearance	Aerosol.
Colour	Off-white.
Odour	Solvent.
Odour Threshold	Not determined.
pH	Not available.
Melting Point/Freezing Point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not determined.
Flammability (solid, gas)	Extremely flammable.
Upper/lower flammability or explosive limits	0.8 – 12.0Vol-% @ 25°C
Vapour pressure	Not available.
Vapour density	Not determined.
Relative density	Not available.
Solubility(ies)	Insoluble in water.
Partition coefficient: n-octanol/water	Not determined.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not determined.
Viscosity	Not available.
Explosive properties	Contains gas under pressure; may explode if heated.
Oxidising properties	Not oxidising.
<b>9.2 Other information</b>	
Volatile Organic Compound Content	58g/ 100ml



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### 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/sparks/open flames/hot surfaces. – No smoking.
10.5	Incompatible materials	Strong oxidising agents, Strongly alkaline, Strongly acidic.
10.6	Hazardous Decomposition Product(s)	Carbon monoxide, Carbon dioxide, Oxides of nitrogen.

### 11. SECTION 11: TOXICOLOGICAL INFORMATION

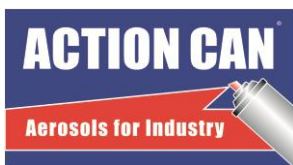
11.1	Information on toxicological effects	
11.1.1	Mixtures	
	Acute toxicity	
	Ingestion	Low acute toxicity.
	Inhalation	Vapours may cause drowsiness and dizziness.
	Irritation	May cause eye irritation. Repeated and/or prolonged skin contact may cause irritation.
	Corrosivity	Not classified.
	Sensitisation	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.
11.2	Other information	None.

### 12. SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	Low toxicity to aquatic organisms.
12.2	Persistence and degradability	No information available.
12.3	Bioaccumulative potential	P.T.F.E (Polytetrafluoroethylene): The substance has potential for bioaccumulation.
12.4	Mobility in soil	Insoluble in water. Floats on water. The product has 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.



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### 14. SECTION 14: TRANSPORT INFORMATION

14.1	<b>UN number</b>	UN 1950 (EEC tariff No. 340399-90)
14.2	<b>UN proper shipping name</b>	AEROSOLS.
14.3	<b>Transport hazard class(es)</b>	2.1
14.4	<b>Packing Group</b>	None.
14.5	<b>Environmental hazards</b>	Not classified as a Marine Pollutant.
14.6	<b>Special precautions for user</b>	None.
14.7	<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
14.8	<b>Additional Information</b>	
14.8.1	ADR/RID Item No	5F

### 15. SECTION 15: REGULATORY INFORMATION

15.1	<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
15.1.1	<b>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 29/02/2012	All chemicals are not listed.
	Other EU regulations	<ul style="list-style-type: none"><li>• COSHH - Control of Substances Hazardous to Health</li><li>• CHIP - Chemicals (Hazard Information and Packaging) Regulations</li><li>• Rivers (Prevention of Pollution) Act 1961</li><li>• Control of Pollution (Special Waste Regulations) 1980</li></ul>
15.1.2	<b>National regulations</b>	None known.
15.2	<b>Chemical Safety Assessment</b>	Not available.



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### 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
F+	Extremely flammable
F	Highly flammable
Xi	Irritant

#### Risk Phrases

R11	Highly flammable.
R12	Extremely flammable.
R36	Irritating to eyes.
R67	Vapours may cause drowsiness and dizziness.

#### 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.