



# Material Safety Data Sheet Food Grade P.T.F.E Aerosol



SDS compliant with regulations  
(EC) No 1907/2006 (REACH) Annex II, (EC) No 1272/2008 (CLP)

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## 1. Identification of the substance/mixture and of the company/undertaking;

**Identification of the substance or preparation: Food Grade P.T.F.E Aerosol**

**Product Name: Action Can Food Grade PTFE Dry Film Lubricant**

**Product Code: 1962**

**Food Grade H1 Certification:**

**Intended Use:** The lubrication of Food Production machines. The Dry Film is made up of micro fine flakes of P.T.F.E. The carrier solvent evaporates instantly leaving behind a fine dry clean layer of lubricant stable from minimum temp -40°C to 260°C.

### Company/Undertaking identification:

**Registered Company Name:** Action Can Ltd  
**Address:** Dixon Close,  
Old Boston Trading Estate,  
Haydock, St Helens  
UK WA11 9SF  
**Telephone:** + 44 (0) 1942 713667  
**Fax No:** + 44 (0) 1942 713235  
**Email:** mikegarrry@actioncan.com  
**Emergency telephone:** + 44 (0) 7792223704 (English)

**Distributor:**  
**Address:**  
**Telephone:**  
**Fax No:**  
**Email:**  
**Emergency telephone:**

## 2. Hazards identification;

**Health and Safety:** Extremely Flammable

**Environment:**

**Other hazards:**

Repeated exposure may cause skin dryness/irritation.  
Prolonged or repeated skin contact without proper cleaning can clog skin pores resulting in disorders such as oil acne/folliculitis.  
Inhalation may cause dizziness/nausea/upper respiratory irritation.  
Eye contact may cause irritation/redness.  
Ingestion may cause irritation but is an unlikely event.

## 3. Composition/information on ingredients;

Non Hazardous Ingredients May Not Be Listed. This product does not contain any nut/bean derived ingredients. This product does not contain any wheat/citric acid derived ingredients.

Hazardous Ingredients	CAS	EINECS	Symbol	Risk Phrases
P.T.F.E (Polytetrafluoroethylene)		-		none
Propan-2-01	67-63-0			None
Pentane	109-66-0			None
Butane	106-97-8			none

## 4. First-aid measures;

As a general rule, in case of doubt or symptom persist, consult a doctor.

**In the event of**

**Exposure by inhalation:** Ensure airway is clear and free from any obstruction. Move person to fresh air at once ensuring one's own safety whilst doing so.

**Splashes or contact with eyes:** Ensure contact lenses are removed, rinse eyes with clean cold water running water for 15 minutes. Refer the patient to an ophthalmologist, in particular if there is any redness, pain or visual impairment.

**Splashes or contact with skin:** Wash skin with soap and water immediately. If irritation occurs seek medical attention.

**Swallowing:** Rinse mouth with water. Do not induce vomiting.

**5. Fire-fighting measures;**

**Extinguishing media:** Do not use water. Use CO2/Dry foam/Sand. Cool stocks of non burning product with water mist to reduce possibility of aerosol cans exploding.

**Special Protective Equipment for Fire-Fighters:** Appropriate self contained breathing apparatus is required. Wear protective clothing to avoid contact with skin and eyes.

**Special Exposure Hazard:** Fire will produce smoke containing combustion products which may be a health hazard.

**6. Accidental release measures;**

**Personal precautions:** Consult the safety measures listed under 7 and 8. Remove all sources of ignition and ventilate the area.

**Methods of cleaning up:** Absorb spillage in suitable inert material such as sand, earth, vermiculite, diatomaceous earth. Do not use equipment for clean up procedures that produce or cause sparks. Place in a suitable labelled salvage container for disposal by an appropriate method.

**Environmental precautions:** Dispose of waste recovered in accordance with applicable regulations (see handling 13). Do not allow to enter public drains or water courses. If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures.

**7. Handling and Storage;**

**Handling:** Ensure the area is well ventilated. Do not pierce or burn aerosols, even after use. Avoid skin and eye contact. Avoid inhalation of vapour, spray mist, and aerosols.

**Fire prevention:** Smoking is prohibited. Use only in areas from which all sources of heat, sparks, and open flame have been excluded. Do not use on any engine whilst it is running.

**Recommended equipment and procedures:** For personal safety see 8.

**Storage:** Store below 50°C in a dry, well ventilated area away from sources of heat, ignition and direct sunlight. Ensure lighting and electric equipment is not a source of ignition. Keep out of reach of children. Store separately from strong oxidising agents and strongly alkaline and strongly acidic materials. Not to be stored in stairwells.

**Suitable packaging:** Must only be kept in original packaging.

**8. Exposure controls/personal protection;**

Ingredient Name:	OES/MEL	TWA 8hr	STEL 10min
Propan-2-ol	OES	400ppm	500ppm (Sk)
Pentane	OES	600ppm	750ppm
Butane	OES	600ppm	750ppm

OES=Occupational Exposure Standard  
MEL=Maximum Exposure Limit

**Engineering** Ensure adequate ventilation of the area. Ensure lighting and electrical equipment are not

**measures:** a source of ignition

**Respiratory protection:** No specific respiratory protection recommendations are made. Respiratory protection must be used if the general level exceeds the OES Stated. Provide adequate local exhaust ventilation.

**Hand protection:** Wear suitable protective gloves.  
Type of glove recommended: Wear non-porous protective gloves, solvent resistant variety advised.

**Eye and face protection:** Wear safety goggles or wear safety glasses with side shields.

**Skin protection:** Wear protective clothing

**Hygienic Work Routine:** Do not smoke in the work area or when using this product. Wash hands/face at the end of each shift and before eating/smoking/using toilet. Remove promptly any clothing contaminated with this product and wash skin to remove traces of product. Do not eat or drink when using this product. Grossly contaminated clothing should be removed and the skin washed with soap & water (sk) denotes product can be absorbed through skin.

For further information see 11 – Toxicological information

**9. Physical and chemical properties;**

**General Information**

<b>Physical state:</b>	Aerosol
<b>Colour:</b>	Off White Colour
<b>Odour:</b>	Hydrocarbon Solvent
<b>pH of the substance or preparation:</b>	Not available
<b>Melting point range:</b>	Not available
<b>Boiling point range:</b>	Not available
<b>Flashpoint:</b>	Not applicable to Aerosol Cans
<b>Density:</b>	N/A
<b>Flammability limits % lower:</b>	0.8 (%Vol in Air at 25°C)
<b>Upper:</b>	12.0 (%Vol in Air at 25°C)
<b>Water solubility:</b>	Not soluble in water
<b>Vapour pressure:</b>	N/A
<b>Autoflammability:</b>	N/A
<b>VOC Content:</b>	58gm/100ml

**10. Stability and reactivity;**

<b>Stability:</b>	Stable
<b>Conditions to avoid:</b>	Avoid heat, naked flames, red hot surfaces, other high temperature sources that may induce thermal.
<b>Materials to avoid:</b>	Oxidising agents, strong acids, strong alkalis.
<b>Hazardous decomposition products:</b>	In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced.

**11. Toxicological information;**

<b>Ingredient:</b>	Propanol 2; LD50 (Animal/Oral); Expected to be low 5.89/kg Rat. Pentane > 169/kg Rat
<b>Routes of exposure:</b>	Refer to 4 of the SDS for routes of exposure and corresponding symptoms. <b>Note the company has not submitted this product for animal testing.</b>

**12. Ecological information;**

<b>Acute toxicity:</b>	Poorly soluble mixture.
<b>Mobility:</b>	Liquid under most environment conditions. Floats on water. If it enters soil, it will absorb

to soil particles and will not be mobile.

**Bioaccumulation:** P.T.F.E has the potential to bioaccumulate.

**13. Disposal considerations;**

**Waste:** Dispose of in accordance with regulation made under the Control of Pollution Act.  
**Soiled packaging:** Dispose of in a regulated landfill site in accordance with local regulations. Contact Waste Regulation Authority for advice whether the special waste regulations apply.

**14. Transport information;**

**ADR/RID Road Rail:**

**Un no:** 1950  
**Class:** 2.1  
**Item no:** 5F  
**Shipping name:** Aerosols  
**Labelling:** 2.1  
**Marginal:** 2201

**IMDG/IMO Sea**

**Un no:** 1950 EEC TARIFF NO 340399-90  
**Class:** 2.1  
**EmS:**  
**Labelling:** 2.1

**Marine pollutant:**

**IATA/ICAO Air**

**Un no:** 1950  
**Class:** 2.1  
**Labelling:** 2.1

**15. Regulatory information;**

This preparation was classified in compliance with the Dangerous Product regulations incl. EC Directives (67/548/EEC and 1999/45/EC):

**Hazard symbols:** Extremely Flammable  
**Risk-phrases:** 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

**Label Haz.ingredient:**

**Regulatory References:** The control of Substances Hazardous to Health Regulations 1988.  
Chemical Hazard Information and Packing Regulations 1993.  
Rivers (Prevention of Pollution) Act 1961.  
Control of Pollution (Special Waste Regulations) 1980.  
Chemicals Hazard (Information and Packing) Regulations.  
Classification and Labelling of Substances and Preparations Dangerous for supply.  
Occupational Exposure Limits EH40.  
Introduction to Local Exhaust Ventilation HS(G)37.  
C.H.I.P. for everyone HSG(108).

**Particular provisions:** The regulatory information provided only points out the main regulations that apply specifically to the product described in the safety data sheet. We draw the user's attention to the possible continuation of additional provisions which complete these regulations. Refer to all relevant national, international, and local provisions and/or regulations.

**16. Other information;**

**User Notes:**

We believe that the statements, technical information and recommendations made herein are reliable. However the data is provided without warranty, expressed or implied. It is the user's responsibility both to determine safe conditions for use of this product and assume loss damage or expense, direct or consequential, arising for its use. Before using the product read information printed on label.

**Revisions in s.3**

**Legal Disclaimer:**

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with legal regulations. The information contained herein is based on the current state of our knowledge and is intended to describe products from the point of view of safety requirements and thus should not be construed as guaranteeing specific properties. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, warranty, guarantee or representations is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.