

CODE - CPS-1

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CoastGard 1 is the latest generation food-safe grease. Constructed using pure, non-toxic, synthetic base oils, combined with PTFE and a complex mix of antioxidant and EP packages, making CoastGard a versatile tool for use in many applications

The product has been selected by Coastal as part of the CoastGard system to protect ironmongery from the corrosive elements found in timber doors and window.

### TECHNICAL DATA

<b>Appearance:</b>	Translucent/white
<b>Odour:</b>	None
<b>Contents:</b>	PTFE
<b>Storage:</b>	
<b>Flash Point:</b>	74 Deg C
<b>Temperature Range:</b>	-40 to 260 deg
<b>Pack Sizes:</b>	12 x 400ml cans
<b>Directions for Use:</b>	Shake can well before use and observe the H&S advice and instructions. Application of aerosol , spray 15 – 20cm from surface. Note delivery from aerosol is in fluid form product then thickens to fully rated No 2 grease

### BENEFITS

- Is completely resistant to salt water and high humidity environments
- Is dielectric and can be used to protect electrical equipment from ingress of water
- Lubricates bearings, chains and sliding surfaces including plastic bearings and runners
- Has a wide temperature operating range
- Is a clean food lubricant

### FOOD SAFE, SYNTHETIC BEARING GREASE

CoastGard 1 is a food-safe grease. Constructed using pure, non-toxic, synthetic base oils, combined with PTFE and a complex mix of antioxidant and EP packages.

#### Coastal Group

Global House | 3 Bojea Industrial Estate | Trethowel | St Austell | Cornwall | PL25 5RJ

Sales 01726 871726 | Switchboard 01726 871025 Fax 01726 871731 | Website [www.coastal-group.com](http://www.coastal-group.com)

### PHYSICAL CHARACTERISTICS

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<b>Colour</b>	<b>Translucent/white</b>
Odour	None
Drop point	Non-melting
Consistency	NLGI No2
Penetration	280
Temperature range	-40 to 260oC wet condition (PTFE up to 340oC)
Water resistance	100% (hydrophobic base oil and thickener)
Lubricant solids	PTFE

### METHOD OF USE

CoastGard 1 is available in aerosol form.

Application of aerosol, spray 15 to 20cm from surface. Note, delivery from aerosol is in fluid form product then thickens to fully rated No2 grease allowing penetration into lock mechanics etc.

### AVAILABLE SIZES

400ml Aerosol

Available Grades NLGI, 3,2,1,0,00,000, (Standard Grade NLGI2)

### 1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

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<b>Chemical name:</b>	COASTGARD1 Aerosol
<b>Application:</b>	A fully synthetic food safe lubricant complying with E.C. regulations and formulated with FDA: approved ingredients. InS H1 registered
<b>SUPPLIER:</b>	COASTAL GROUP
<b>ADDRESS:</b>	Global House, 3 Bojea Industrial Estate, Trethowel, St Austell, Cornwall, PL25 5RJ
<b>EMERGENCY TELEPHONES/ FAX:</b>	+ 44 (0) 1726 871726 / + 44 (0) 01726 871731

### 2. HAZARDS IDENTIFICATION

Labelling elements CHIP (EXTREMELY FLAMMABLE)

<b>Risk phrases:</b>	R12; Extremely flammable S16; Keep away from sources of ignition – No Smoking S23; Do not breath spray S51; Use only in well ventilated area
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Pressurized container, protect from sun light do not expose to temperatures above 50oC.  
Do not burn or pierce can ever after the can is empty.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME:	CAS N°	CONTENTS	HEALTH (class 2)	RISK (R N°.)
PENTANE	109-66-0	20-40%	--	
LIQUEFIED PETROLEUM GAS	68476-85-7	20-40%	--	
HYDROCARBON DISTILLATE	92045-53-9	0.-30	xN	65
COMPOSITION COMMENTS	Blend of synthetic hydrocarbon lubricant, containing PTFE, in non chlorinated, non aromatic hydrocarbon solvents. Aerosol propelled by petroleum gas.			

### 4. FIRST AID MEASURES

<b>SKIN CONTACT:</b>	Promptly wash contaminated skin with soap and water. Remove clothing if soaked and wash as above.
<b>EYE CONTACT:</b>	Flush eyes thoroughly with copious amounts of water while lifting eye lids. Get medical attention if any discomfort continues.
<b>INHALATION:</b>	Provide rest, warmth and fresh air. Obtain medical advise if discomfort continues
<b>INGESTION:</b>	Rinse mouth thoroughly with water and give large amounts of milk/water. Seek medical advise if large amount has been consumed

### 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Fire can be extinguished using dry powder or CO2  
**SPECIAL FIRE FIGHTING PROCEDURES:** Breathing apparatus should be worn if exposed to fumes is likely  
**UNUSUAL FIRE & EXPLOSION HAZARDS:** Possible risk of can rupture when exposed to fire/high temperatures. Contents of aerosol will add fuelling of fire.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Fire or high temperature creates oxides of carbon. Contains P.T.F.E.

### 6. ACCIDENTAL RELEASE MEASURES

<b>SPILL CLEAN UP METHODS:</b>	Extinguish all sources of ignition. Absorb material from ruptured or leaking containers onto an inert material. transfer to suitable container for subsequent disposal.
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### 7. HANDLING AND STORAGE

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**USAGE PRECAUTIONS:** Keep away from heat, sparks and open flame. Store below 50°C. CAUTION pressurised container. Do not puncture or incinerate even when empty. Do not spray onto naked flame or any incandescent material.

**\* STORAGE PRECAUTIONS:** Store in a cool, dry place away from all sources of heat including direct sunlight.

### 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

INGREDIENT NAME:	CAS N°	STD LT	EXP (8 hrs)	ST EXP (10 min)
PENTANE	109-66-0	OES	600 ppm	750 ppm
LIQUEFIED PETROLEUM GAS	68476-85-7	OES	1000 ppm	1250 ppm
HYDROCARBON DISTILLATE	92045-53-9	OES	400 ppm	500 ppm

**INGREDIENT COMMENTS:**  
OES Occupational Exposure Standard  
LT EXP Long Term Exposure Limit  
ST EXP Short Term Exposure Limit

**PROTECTIVE EQUIPMENT:** Goggles/Gloves  
**VENTILATION:** No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation.

**RESPIRATORS:** No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OES).

**PROTECTIVE GLOVES:** Chemical resistant gloves required for prolonged or repeated contact. the use of suitable barrier cream is advised, but not as a substitute for gloves.

**EYE PROTECTION:** Safety goggles/glasses are advised if there is a risk of eye contact.

### 9. CHEMICAL AND PHYSICAL PROPERTIES

**APPEARANCE:** Aerosol  
**ODOUR/TASTE:** None  
**pH VALUE:** N/A  
**SPECIFIC GRAVITY:** @ 20°C N/A  
**FLASHPOINT (0°C):** <21 Concentrate. FLASH POINT METHOD: CC (Closed Cup)

### 10. STABILITY AND REACTIVITY

**MATERIAL TO AVOID:** Strong oxidising agents  
**CONDITIONS TO AVOID:** Avoid heat, flames and other sources of ignition.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Fire or high temperature create oxides of carbon.

### 11. TOXICOLOGICAL INFORMATION

**HEALTH WARNINGS:**  
**Skin contact :** May cause irritation on sensitive skin. Low order of irritant.  
**Eye contact:** May cause mild irritation or discomfort.  
**Inhalation:** High concentrations of vapour may cause dizziness, nausea and headaches  
**Ingestion:** May cause irritation to mouth, respiratory tract and intestinal system

### 12. ECOLOGICAL INFORMATION

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<b>DEGRADABILITY:</b>	Slightly biodegradable
<b>ACUTE FISH TOXICITY:</b>	No Information available.
<b>WATER HAZARD CLASSIFICATION:</b>	No Information available.

### 13. DISPOSAL CONSIDERATIONS

<b>* DISPOSAL METHODS:</b>	Do not puncture or incinerate even when empty. Dispose of in accordance with local authority requirements.
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### 14. TRANSPORT INFORMATION

<b>ROAD</b>	<b>UN No:</b> 1950 <b>CEPIC TEC(R) No:</b> 20G26-2	<b>ADR/IMO CLASS:</b> 2 <b>ADR ITEM No:</b> 10°(b2)
<b>AIR</b>	<b>UN No:</b> 1950 <b>AIR PACK GR:</b> ----	<b>AIR TRANSPORT CLASS No:</b> 2
<b>SEA</b>	<b>UN No:</b> 1950 <b>IMDG Page No:</b> 9022	<b>SEA TRANSPORT CLASS No:</b> 3 <b>SEA PACK GR.:</b> ---

### 15. REGULATORY INFORMATION

<b>LABEL FOR SUPPLY:</b>	Extremely Flammable	
<b>RISK PHRASES:</b>	R-12	Extremely Flammable
<b>SAFETY PHRASES:</b>	S-16	Keep away from sources of ignition-No smoking
	S-23	Do not breath gas/fumes/vapour/spray.
	S-24	Avoid contact with skin.
	S-51	Use only in well ventilated areas.

### 16. OTHER INFORMATION

**USER NOTES:** The hydrocarbon distillers used in this product are classified as 'Harmful: May cause lung damage if swallowed' (R65). CHIP 96 exempts aerosols containing these distillates from being classified as harmful by their aspiration hazards.

**INGREDIENTS TO BE DECLARED:** None

The following documentation is published by the UK Health and Safety Executive and is available from H.M.

**Stationary offices:**

- EH 40 - Occupational exposure limits
- EH 58 - The carcinogenicity of mineral oils
- SHW 367 - Dermatitis cautionary notice
- SHW 397 - Effects of mineral oil on the skin

**ALL INFORMATION CONTAINED IN THIS DATA SHEET IS IN ACCORDANCE WITH CHEMICALS HAZARD INFORMATION AND PACKING REGULATIONS.**

#### Legal Disclaimer

Information is believed to be correct but should be used as a guide. This company shall not be held liable for any damage resulting from handling or contact with the above product.

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