

CODE - CPS-1

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	
APPEARANCE	Translucent/white
ODOUR	None
CONTENTS	PTFE
STORAGE	
FLASH POINT	74 Deg C
TEMPERATURE RANGE	-40 to 260 deg
PACK SIZES	12 x 400ml cans
DIRECTIONS FOR USE	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.

PHYSICAL CHARACTERISTICS	
COLOUR	Translucent/white
ODOUR	None
DROP POINT	None-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	
CHEMICAL NAME	CoastGard 1 Aerosol
APPLICATION	A fully synthetic food safe lubricant complying with E.C. Regulations and formulated with FDA: Approved ingredients. InS H1 registered
SUPPLIER	Coastal Group
ADDRESS	Global House, 3 Bojea Industrial Estate, Trethowel, St Austell, Cornwall, PL25 5RJ

2. HAZARDS IDENTIFICATION	
LABELLING ELEMENTS CHIP (Extremely Flammable)	
RISK PHRASES	R12; Extremely flammable S16; Keep away from sources of ignition – No Smoking S23; Do not breath spray S51; Use only in well ventilated area
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	
SKIN CONTACT	Promptly wash contaminated skin with soap and water. Remove clothing if soaked and wash as above.
EYE CONTACT	Flush eyes thoroughly with copious amounts of water while lifting eye lids. Get medical attention if any discomfort continues.
INHALATION	Provide rest, warmth and fresh air. Obtain medical advise if discomfort continues.
INGESTION	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.
LIQUIFIED PETROLEUM GAS	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 PT.FE.

6. ACCIDENTAL RELEASE MEASURES	
SPILL CLEAN UP METHODS	Extinguish all sources of ignition. Absorb material from ruptured or leaking containers onto an inert material. Transfer to suitable container for subsequent disposal.

7. HANDLING AND STORAGE	
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 (°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	
DEGRADABILITY	Slightly biodegradable
ACUTE FISH TOXICITY	No Information available
WATER HAZARD CLASSIFICATION	No Information available

13. DISPOSAL CONSIDERATIONS	
DISPOSAL METHODS	Do not puncture or incinerate even when empty. Dispose of in accordance with local authority requirements.

14. TRANSPORT INFORMATION				
ROAD	UN NO. CEPIC TEC(R) NO.	1950 20G26-2	ADR/IMO CLASS ADR ITEM NO.	2 10°(b2)
AIR	UN NO AIR PACK GR	1950 ----	AIR TRANSPORT CLASS NO.	2
SEA	UN NO. IMDG PAGE NO.	1950 9022	SEA TRANSPORT CLASS NO. SEA PACK GR.: ---	3 ---

15. REGULATORY INFORMATION		
LABEL FOR SUPPLY	Extremely flammable	
RISK PHRASES	R-12	Extremely Flammable
SAFETY PHRASES	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 resulting from handling or contact with the above product.