

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

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Chemical name: COASTGUARD 2
SUPPLIER: COASTAL GROUP
ADDRESS: Global House, 3 Bojea Industrial Estate, Trethowel, St Austell, Cornwall, PL25 5RJ
EMERGENCY TELEPHONES/ FAX: + 44 (0) 1726 871726 / + 44 (0) 01726 871731

2. HAZARDS IDENTIFICATION

Extremely flammable. Vapours may cause drowsiness and dizziness. Irritating to eyes and skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 PRESSURISED CONTAINER - increase in temperature to greater than 50C will cause internal pressure to rise potentially causing bursting/explosion.

CLASSIFICATION Xi;R36/38. F+;R12. N;R51/53. R67.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
DIMETHOXYMETHANE	203-714-2	109-87-5	5-10%	F;R11.
NAPHTHA (Petroleum) Hydrotreated Light	265-151-9	64742-49-0	10-30%	Xn;R65. Xi;R38. F;R11. N;R51/53. R67.
NAPHTHA (Petroleum), Hydrodesulphurised light, dearomatised	295-434-2	92045-53-9	30-60%	Xn;R65. Xi;R38. F;R11. N;R51/53. R67.
PROPAN-2-OL	200-661-7	67-63-0	30-60%	F;R11 Xi;R36 R67

4. FIRST AID MEASURES

INHALATION Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention. For breathing difficulties oxygen may be necessary.

INGESTION Rinse mouth thoroughly. Provide rest, warmth and fresh air.

SKIN CONTACT Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.
SPECIAL FIRE FIGHTING PROCEDURES: Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.
UNUSUAL FIRE & EXPLOSION HAZARDS: Aerosol cans may explode in a fire.

6. ACCIDENTAL RELEASE MEASURES

ENVIRONMENTAL PRECAUTIONS
 Any spillage needs to be contained and not allowed to enter water courses

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7. HANDLING AND STORAGE

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USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION



Name	Std	TWA - 8 hrs	STEL - 15 min
DIMETHOXYMETHANE	WEL	1000 ppm /3160 mg/m ³	1250 ppm /3950 mg/m ³
NAPHTHA (Petroleum) Hydrotreated Light		303 ppm /1400 mg/m ³	
PROPAN-2-OL	WEL	400 ppm 999 mg/m ³	500 ppm /1250 mg/m ³

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

HAND PROTECTION

Use protective gloves.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

General workwear only

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA!

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

PHYSICAL DATA COMMENTS

FLASH POINT (°C)

Aerosol

Information given relates to total aerosol container contents.

- 74

AUTO IGNITION
TEMPERATURE (°C)

+ 405

FLAMMABILITY LIMIT - LOWER(%)

1.8

FLAMMABILITY LIMIT - UPPER(%)

10.0

10. STABILITY & REACTIVITY

STABILITY

Stable under normal temperature conditions. Avoid: Shocks and physical damage.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

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INHALATION	Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.
SKIN CONTACT	Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema.
EYE CONTACT	May cause severe irritation to eyes.

12. ECOLOGICAL INFORMATION

ECOTOXICITY	Toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment.
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13. DISPOSABLE CONSIDERATIONS

DISPOSAL METHODS	Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements.
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14. TRANSPORT INFORMATION

UK ROAD CLASS	2		
PROPER SHIPPING NAME	AEROSOLS, FLAMMABLE		
UN NO. ROAD	1950	ADR CLASS NO.	2
ADR CLASS	Class 2: Gases	UN NO. SEA	1950
IMDG CLASS	2.1	UN NO. AIR 1950	
AIR CLASS	2.1		

15. REGULATORY INFORMATION



LABELING	IRRITANT	EXTREMELY FLAMMABLE
RISK PHRASES	R12 R36/38 R51/53	Extremely flammable. Irritating to eyes and skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
SAFETY PHRASES	R67	Vapours may cause drowsiness and dizziness.
	S16 S23 S24/25 S26	Keep away from sources of ignition - No smoking. Do not breathe vapour/spray. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S37 S51	Wear suitable gloves. Use only in well-ventilated areas.

STATUTORY INSTRUMENTS
Control of Substances Hazardous to Health. Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE
Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES
Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

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16. OTHER INFORMATION

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GENERAL INFORMATION

The following risk phrases relate to the raw materials in the product and not the product itself:-

RISK PHRASES IN FULL

R11	Highly flammable.
R36	Irritating to eyes.
R38	Irritating to skin.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R67	Vapours may cause drowsiness and dizziness.

CoastGard 2 effectively removes surface rust, grease and oil from metal components, with a fast-drying solvent which leaves no residue.

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:	Colourless
Odour:	Solvent when wet, odourless when dry
Contents:	Blend of solvents and CO2 propellant
Storage:	Below 50 deg C
Flash Point:	74 Deg C
Temperature Range:	
Pack Sizes:	12 x 480ml cans
Directions for Use:	Shake can well. Working in a flame and spark free area, spray from 15-20cm as required. Catch run-off with disposable cloth

BENEFITS

- CO2 propellant-non-flammable
- Propellant mixes fully with product – a full 480ml of usable fluid
- Fast evaporating
- High powered cleaning
- Leaves no residue