

Wood and Metal Paint

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

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

1.1 Product identifier

Product Name	Wood and Metal Paint
CAS No.	Not applicable.
EC No.	Not applicable.
REACH Registration No.	Not known.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s)	PC9a Coatings and paints, thinners, paint removers
Uses Advised Against	Not known.

1.3 Details of the supplier of the safety data sheet

Manufacturer

Company Identification	Flag Paints Ltd
Address of Manufacturer	8 Springfield Road Springfield Industrial Estate Burnham-On-Crouch Essex
Postal code	CM0 8UA
Telephone:	+441621785173
Fax	+441621785393
E-mail	sales@flagpaints.co.uk
Office hours	09:00 - 17:00

Supplier

Company Identification	Flag Paints Ltd
Address of Supplier	8 Springfield Road Springfield Industrial Estate Burnham-On-Crouch Essex
Postal code	CM0 8UA
Telephone:	+441621785173
Fax	+441621785393
E-mail	sales@flagpaints.co.uk
Office hours	09:00 - 17:00

1.4 Emergency telephone number

Emergency Phone No.	+441621785173
Contact	I Cowen

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP) Aquatic Chronic 3 : Harmful to aquatic life with long lasting effects.

2.2 Label elements

Wood and Metal Paint

Product Name	According to Regulation (EC) No. 1272/2008 (CLP) Wood and Metal Paint
Hazard Pictogram(s)	None.
Signal Word(s)	None.
Hazard Statement(s)	H412: Harmful to aquatic life with long lasting effects. EUH208: Contains: (octhiline (ISO) 2-octyl-2H-isothiazol-3-one, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)) May produce an allergic reaction.
Precautionary Statement(s)	P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P501: Dispose of contents in accordance with local, state or national legislation.

2.3 Other hazards

None known.

2.4 Additional Information

For full text of H/P Statements see section 16.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
sodium nitrite	7632-00-0	231-555-9 01-2119471836-27	0.01- 0.1	Ox. Sol. 3 H272 Acute Tox. 3 H301 Aquatic Acute 1 H400	GHS03 GHS06 GHS09
2-dimethylaminoethanol N,N-dimethylethanolamine	108-01-0	203-542-8	0.01- 0.1	Flam. Liq. 3 H226 Acute Tox. 4 H302 Acute Tox. 4 H312 Skin Corr. 1B H314 Acute Tox. 4 H332	GHS02 GHS05 GHS07
ammonia ...%	1336-21-6	215-647-6 01-2119488878-14-xxxx	0.01- 0.1	Skin Corr. 1B H314 Aquatic Acute 1 H400	GHS05 GHS09
bronopol (INN) 2-bromo-2-nitropropane-1,3-diol	52-51-7	200-143-0 01-2119980938-15	0.01- 0.1	Acute Tox. 4 H302 Acute Tox. 4 H312 Skin Irrit. 2 H315 Eye Dam. 1 H318 STOT SE 3 H335 Aquatic Acute 1 H400	GHS05 GHS07 GHS09
diuron (ISO) 3-(3,4-dichlorophenyl)-1,1-dimethylurea	330-54-1	206-354-4	0.01- 0.1	Acute Tox. 4 H302 Carc. 2 H351 STOT RE 2 H373 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS08 GHS07 GHS09
octhiline (ISO) 2-octyl-2H-isothiazol-3-one	26530-20-1	247-761-7	0.001- 0.01	Acute Tox. 4 H302 Acute Tox. 3 H311 Skin Corr. 1B H314 Skin Sens. 1 H317 Acute Tox. 3 H331 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS06 GHS05 GHS07 GHS09

Wood and Metal Paint

pyrithione zinc	13463-41-7	236-671-3	0.001- 0.01	Acute Tox. 3 H301 Eye Dam. 1 H318 Acute Tox. 2 H330 Repr. 1B H360D STOT RE 1 H372 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS06 GHS05 GHS08 GHS09
1,2-benzisothiazol-3(2H)-one 1,2-benzisothiazolin-3-one	2634-33-5	220-120-9	0.001- 0.01	Acute Tox. 4 H302 Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Dam. 1 H318 Aquatic Acute 1 H400	GHS05 GHS07 GHS09
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)	55965-84-9	01-2120764691-48	0.001 - 0.01	Acute Tox. 3 H301 Acute Tox. 2 H310 Skin Corr. 1C H314 Skin Sens. 1A H317 Eye Dam. 1 H318 Acute Tox. 2 H330 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS06 GHS05 GHS07 GHS09

HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentration Limit	M-factor	ATE
sodium nitrite	7632-00-0			Acute Tox. 3 (H301) : 100.000
2-dimethylaminoethanol N,N-dimethylethanolamine	108-01-0	STOT SE 3 C>= 5.00 <= 100.00		Acute Tox. 4 (H302) : 500.000 Acute Tox. 4 (H312) : 1100.000 Acute Tox. 4 (H332) : 11.000
ammonia%	1336-21-6	STOT SE 3 C>= 5.00 <= 100.00		
bronopol (INN) 2-bromo-2-nitropropane-1,3-diol	52-51-7		Aquatic Acute 1: 10	Acute Tox. 4 (H302) : 500.000 Acute Tox. 4 (H312) : 1100.000
diuron (ISO) 3-(3,4-dichlorophenyl)-1,1-dimethylurea	330-54-1		Aquatic Acute 1: 10 Aquatic Chronic 1: 10	Acute Tox. 4 (H302) : 500.000
octhilineone (ISO) 2-octyl-2H-isothiazol-3-one	26530-20-1	Skin Sens. 1 C>= 0.05 <= 100.00		Acute Tox. 4 (H302) : 125.000 (15th ATP) Acute Tox. 3 (H311) : 311.000 (15th ATP) Acute Tox. 3 (H331) : 0.270 Dust (15th ATP)
pyrithione zinc	13463-41-7		Aquatic Acute 1: 1000 Aquatic Chronic 1: 10	Acute Tox. 3 (H301) : 221.000 (15th ATP) Acute Tox. 2 (H330) : 0.140 Dust (15th ATP)
1,2-benzisothiazol-3(2H)-one 1,2-benzisothiazolin-3-one	2634-33-5	Skin Sens. 1 C>= 0.05 <= 100.00		Acute Tox. 4 (H302) : 500.000
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)	55965-84-9	Skin Corr. 1C C>= 0.60 <= 100.00 Skin Irrit. 2 C>= 0.06 < 0.60 Skin Sens. 1A C>= 0.0015 <= 100.00 Eye Dam. 1 C>= 0.60 <= 100.00 Eye Irrit. 2 C>= 0.06 < 0.60	Aquatic Chronic 1: 100 Aquatic Acute 1: 100	Acute Tox. 3 (H301) : 0.000 Acute Tox. 2 (H310) : 0.000 Acute Tox. 2 (H330) : 0.000

Contains no non-classified vPvB substances or substances with a Union workplace exposure limit.
For full text of H/P Statements see section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	Treat symptomatically.
Skin Contact	Treat symptomatically.
Eye Contact	Treat symptomatically.
Ingestion	Treat symptomatically.

4.2 Most important symptoms and effects, both acute and delayed

None anticipated. Treat symptomatically.

Wood and Metal Paint

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media As appropriate for surrounding fire.
Unsuitable extinguishing media None.

5.2 Special hazards arising from the substance or mixture

Heating may cause decomposition.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Dike fire control water for later disposal.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear suitable gloves if prolonged skin contact is likely.

6.2 Environmental precautions

Avoid release to the environment. Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

6.3 Methods and material for containment and cleaning up

Adsorb spillages onto sand, earth or any suitable adsorbent material. Contain spillages with sand, earth or any suitable adsorbent material. Earth may be shovelled to contain spillage and to avoid contamination of sewers and watercourses.

6.4 Reference to other sections

See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

7.2 Conditions for safe storage, including any incompatibilities

Storage temperature Ambient.
Storage life Stable under normal conditions.
Incompatible materials None known.

7.3 Specific end use(s)

PC9a Coatings and paints, thinners, paint removers

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

Wood and Metal Paint

Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
2-Dimethylaminoethanol	108-01-0	2	7.4	6	22	
Diuron (ISO)	330-54-1		10			

Region	Source
United Kingdom	UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)

Remark	Notes

8.2 Exposure controls

8.2.1. Appropriate engineering controls Ensure adequate ventilation.

8.2.2. Personal protection equipment



Eye Protection Wear eye protection with side protection (EN166).



Skin protection Not normally required.



Respiratory protection Normally no personal respiratory protection is necessary.



Thermal hazards None known.

8.2.3. Environmental Exposure Controls Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Liquid.
Colour	Not known.
Odour	Not known.
Melting point/freezing point	Not known.
Boiling point or initial boiling point and boiling range	Not known.
Flammability	Not known.
Lower and upper explosion limit	Not known.
Flash Point	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature	Not known.
pH	Not known.
Kinematic Viscosity	Not known.

Wood and Metal Paint

Solubility	Solubility (Water) : Completely soluble in water. Solubility (Other) : Not known.
Partition coefficient n-octanol/water (log value)	Not known.
Vapour pressure	Not known.
Density and/or relative density	Not known.
Relative vapour density	Not known.
Particle characteristics	Not known.

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

None anticipated.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

None anticipated.

10.5 Incompatible materials

Not known.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Ingestion	Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 120170.81000
Acute toxicity - Skin Contact	Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 1000000.00000
Acute toxicity - Inhalation	Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 3714.79000
Skin corrosion/irritation	Calculation method : Not classified.
Serious eye damage/irritation	Calculation method : Not classified.
Skin sensitization data	Calculation method : Not classified.
Respiratory sensitization data	Calculation method : Not classified.
Germ cell mutagenicity	Calculation method : Not classified.
Carcinogenicity	Calculation method : Not classified.

Wood and Metal Paint

Reproductive toxicity	Calculation method : Not classified.
Lactation	Calculation method : Not classified.
STOT - single exposure	Calculation method : Not classified.
STOT - repeated exposure	Calculation method : Not classified.
Aspiration hazard	Calculation method : Not classified.

11.2 Information on other hazards

Not known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Toxicity - Aquatic invertebrates	Not known.
Toxicity - Fish	Not known.
Toxicity - Algae	Not known.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

12.2 Persistence and degradability

Not known.

12.3 Bioaccumulative potential

Not known.

12.4 Mobility in soil

Not known.

12.5 Results of PBT and vPvB assessment

Not known.

12.6 Endocrine disrupting properties

None known.

12.7 Other adverse effects

Not known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of contents in accordance with local, state or national legislation. Dispose of this material and its container to hazardous or special waste collection point. Dispose at suitable refuse site.

13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

Wood and Metal Paint

14.1 UN number or ID number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

Not classified as a Marine Pollutant.

14.6 Special precautions for user

Not known

14.7 Maritime transport in bulk according to IMO instruments

Not known

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for Authorisation Not listed

REACH: ANNEX XIV list of substances subject to authorisation Not listed

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles ammonia % (1336-21-6), sodium nitrite (7632-00-0), 2-dimethylaminoethanol N,N-dimethylethanolamine (108-01-0), bronopol (INN) 2-bromo-2-nitropropane-1,3-diol (52-51-7), reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1) (55965-84-9), diuron (ISO) 3-(3,4-dichlorophenyl)-1,1-dimethylurea (330-54-1), pyriithione zinc (13463-41-7), octhilinone (ISO) 2-octyl-2H-isothiazol-3-one (26530-20-1), 1,2-benzisothiazol-3(2H)-one 1,2-benzisothiazolin-3-one (2634-33-5)

Community Rolling Action Plan (CoRAP) Diuron (330-54-1)

Regulation (EU) N° 2019/1021 of the European Parliament and of the Council on persistent organic pollutants Not listed

Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer Not listed

Wood and Metal Paint

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals

Not listed

National regulations

Other Not known.

15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

LEGEND

Hazard Pictogram(s)	<p>None.</p> <p>GHS02: GHS: Flame</p> <p>GHS03: GHS: Flame over circle</p> <p>GHS05: GHS: Corrosion</p> <p>GHS06: GHS: Skull and crossbones</p> <p>GHS07: GHS: Exclamation mark</p> <p>GHS08: GHS: Health hazard</p> <p>GHS09: GHS: Environment</p>
Hazard classification	<p>Flam. Liq. 3 : Flammable liquid, Category 3</p> <p>Ox. Sol. 3 : Oxidising solid, Category 3</p> <p>Acute Tox. 3 : Acute toxicity, Category 3</p> <p>Acute Tox. 4 : Acute toxicity, Category 4</p> <p>Acute Tox. 2 : Acute toxicity, Category 2</p> <p>Acute Tox. 3 : Acute toxicity, Category 3</p> <p>Acute Tox. 4 : Acute toxicity, Category 4</p> <p>Skin Corr. 1B : Skin corrosion/irritation, Category 1B</p> <p>Skin Corr. 1C : Skin corrosion/irritation, Category 1C</p> <p>Skin Irrit. 2 : Skin corrosion/irritation, Category 2</p> <p>Skin Sens. 1 : Skin sensitization, Category 1</p> <p>Skin Sens. 1A : Skin sensitization, Category 1A</p> <p>Eye Dam. 1 : Serious eye damage/irritation, Category 1</p> <p>Acute Tox. 2 : Acute toxicity, Category 2</p> <p>Acute Tox. 3 : Acute toxicity, Category 3</p> <p>Acute Tox. 4 : Acute toxicity, Category 4</p> <p>STOT SE 3 : Specific target organ toxicity — single exposure, Category 3</p> <p>Carc. 2 : Carcinogenicity, Category 2</p> <p>Repr. 1B : Reproductive toxicity, Category 1B</p> <p>STOT RE 1 : Specific target organ toxicity — repeated exposure, Category 1</p> <p>STOT RE 2 : Specific target organ toxicity — repeated exposure, Category 2</p> <p>Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1</p>

Wood and Metal Paint

Hazard Statement(s)	Aquatic Chronic 1 : Hazardous to the aquatic environment, Chronic, Category 1 Aquatic Chronic 3 : Hazardous to the aquatic environment, Chronic, Category 3 H226: Flammable liquid and vapour. H272: May intensify fire; oxidiser. H301: Toxic if swallowed. H302: Harmful if swallowed. H310: Fatal in contact with skin. H311: Toxic in contact with skin. H312: Harmful in contact with skin. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H330: Fatal if inhaled. H331: Toxic if inhaled. H332: Harmful if inhaled. H335: May cause respiratory irritation. H351: Suspected of causing cancer. H360D: May damage the unborn child. H372: Causes damage to organs through prolonged or repeated exposure. H373: May cause damage to organs through prolonged or repeated exposure. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects. H412: Harmful to aquatic life with long lasting effects.
Precautionary Statement(s)	P273: Avoid release to the environment. P501: Dispose of contents in accordance with local, state or national legislation.
Acronyms	ATE : Acute Toxicity Estimate CAS : Chemical Abstracts Service CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures DNEL : Derived No Effect Level EC : European Community EINECS : European Inventory of Existing Commercial Chemical Substances LTEL : Long term exposure limit PBT : Persistent, Bioaccumulative and Toxic PNEC : Predicted No Effect Concentration REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals STEL : Short term exposure limit STOT : Specific Target Organ Toxicity vPvB : very Persistent and very Bioaccumulative
Key literature references and sources for data used to compile the SDS	Regulation (EC) No. 1272/2008 (CLP)

Wood and Metal Paint

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. Flag Paints 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. Flag Paints 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.