

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: FASTRAC ENAMEL

Product code: ME53 / SE53

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

Use of substance / mixture: PC9a: Coatings and paints, thinners, paint removers.

1.3. Details of the supplier of the safety data sheet

Company name: Bradite Paints
Ogwen Valley Works
Bethesda
Gwynedd
LL57 4YP
United Kingdom

Tel: +44 (0)1248 600315

Fax: +44 (0)1248 602782

Email: sales@bradite.com

1.4. Emergency telephone number

Emergency tel: +44 (0)1248 600315
(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Aquatic Chronic 3: H412; Asp. Tox. 1: H304; Flam. Liq. 3: H226; -: EUH208

Most important adverse effects: Contains 2-butanone oxime, cobalt bis(2-ethylhexanoate). May produce an allergic reaction. Flammable liquid and vapour. May be fatal if swallowed and enters airways. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: EUH208: Contains 2-butanone oxime, cobalt bis(2-ethylhexanoate). May produce an allergic reaction.

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H412: Harmful to aquatic life with long lasting effects.

Hazard pictograms: GHS02: Flame

GHS08: Health hazard

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Signal words: Danger

Precautionary statements: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P241: Use explosion-proof electrical/ventilating/lighting/.. equipment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+310: IF SWALLOWED: Immediately call a.

P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water.

P331: Do NOT induce vomiting.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

LOW BOILING POINT HYDROGEN TREATED NAPHTHA - NAPHTHA (PETROLEUM), HYDROTREATED HEAVY - REACH registered number(s): 01-2119463258-33-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
265-150-3	64742-48-9	-	Asp. Tox. 1: H304; Flam. Liq. 3: H226	30-50%

TRIZINC BIS(ORTHOPHOSPHATE) - REACH registered number(s): 01-2119485044-40-0001

231-944-3	7779-90-0	-	Aquatic Chronic 1: H410; Aquatic Acute 1: H400	1-10%
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2-BUTANONE OXIME - REACH registered number(s): 01-2119539477-28-XXXX

202-496-6	96-29-7	-	Carc. 2: H351; Acute Tox. 4: H312; Eye Dam. 1: H318; Skin Sens. 1: H317	<1%
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ZIRCONIUM BIS(2-ETHYLHEXANOATE) - REACH registered number(s): 01-2119979088-21

245-018-1	22464-99-9	-	Repr. 2: H361d	<1%
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ZINC OXIDE - REACH registered number(s): 01-2119463881-32-XXX

-	1314-13-2	-	Aquatic Chronic 1: H410; Aquatic Acute 1: H400	<1%
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COBALT BIS(2-ETHYLHEXANOATE) - REACH registered number(s): 01-2119524678-29-XXXX

205-250-6	136-52-7	-	Skin Sens. 1: H317; Aquatic Acute 1: H400	<1%
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Section 4: First aid measures

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4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

Inhalation: Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: There may be a feeling of tightness in the chest with shortness of breath.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Eliminate all sources of ignition. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

6.4. Reference to other sections

Reference to other sections: Refer to section 13 of SDS.

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Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Smoking is forbidden. Use non-sparking tools. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

Suitable packaging: Must only be kept in original packaging.

Storage quantity limits: 250 L

7.3. Specific end use(s)

Specific end use(s): PC9a: Coatings and paints, thinners, paint removers.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

LOW BOILING POINT HYDROGEN TREATED NAPHTHA - NAPHTHA (PETROLEUM), HYDROTREATED HEAVY

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	150 ppm	-	-	-

ZINC OXIDE

UK	5 mg/m ³	10 mg/m ³	-	-
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DNEL/PNEC Values

Hazardous ingredients:

TRIZINC BIS(ORTHOPHOSPHATE)

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	5 mg/m ³	Workers	Systemic
DNEL	Dermal	83 mg/kg bw/day	Workers	Systemic
DNEL	Dermal	83 mg/kg bw/day	Consumers	Systemic
DNEL	Inhalation	2.5 mg/m ³	Consumers	Systemic
DNEL	Oral (repeated dose)	0.83 mg/kg bw/day	Consumers	-
PNEC	Fresh water	20.6 ugZn/L	-	-
PNEC	Marine water	6.1 ugZn/L	-	-

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PNEC	Fresh water sediments	117.8 mgZn/kg sedime	-	-
PNEC	Marine sediments	56.5 mg Zn/kg sedime	-	-
PNEC	Soil (agricultural)	35.6 mgZn/kg soil dw	-	-
PNEC	Microorganisms in sewage treatment	100 ugZn/L	-	-

ZINC OXIDE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	5 mg/m3	Workers	Systemic
DNEL	Dermal	83 mg/kg bw/day	Workers	Systemic
DNEL	Dermal	83 mg/kg bw/day	Consumers	Systemic
DNEL	Inhalation	0.83 mg/kg bw/day	Consumers	Systemic
PNEC	Fresh water	20.6 ugZn/L	-	-
PNEC	Marine water	6.1 ugZn/L	-	-
PNEC	Fresh water sediments	117.8 mgZn/kg sedime	-	-
PNEC	Marine sediments	56.6 mgZn/kg sedimen	-	-
PNEC	Soil (agricultural)	35.6 mgZn/kg soil dw	-	-
PNEC	Microorganisms in sewage treatment	100 ugZn/L	-	-

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Tightly fitting safety goggles.

Skin protection: Protective clothing.

Environmental: Prevent from entering in public sewers or the immediate environment.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Various

Odour: Characteristic odour

Evaporation rate: Slow

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Not miscible

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Also soluble in: Most organic solvents.

Viscosity: Non-viscous

Boiling point/range°C: 149 - 213

Melting point/range°C: No data available.

Flammability limits %: lower: 0.6

upper: 6.0

Flash point°C: 43

Part.coeff. n-octanol/water: 5 - 6.7 (log Pow)

Autoflammability°C: 250

Vapour pressure: 300 Pa @ 20 deg C

Relative density: 1.10

pH: Not applicable.

VOC g/l: 430

9.2. Other information

Other information: Not applicable.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions. Stable at room temperature.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Conditions to avoid: Heat. Hot surfaces. Sources of ignition. Flames.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids. Strong bases.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

LOW BOILING POINT HYDROGEN TREATED NAPHTHA - NAPHTHA (PETROLEUM), HYDROTREATED HEAVY

DERMAL	RBT	LD50	>5000	mg/kg
ORAL	RAT	LD50	>5000	mg/kg
VAPOURS	RAT	4H LC50	>5000	mg/l

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TRIZINC BIS(ORTHOPHOSPHATE)

ORAL	RAT	LD50	> 5000	mg/kg
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2-BUTANONE OXIME

ORL	MUS	LD50	1	gm/kg
ORL	RAT	LD50	930	mg/kg
SCU	RAT	LD50	2702	mg/kg

ZINC OXIDE

DUST/MIST	RAT	4H LC50	> 5.7	mg/l
ORAL	RAT	LD50	> 15000	mg/kg
ORL	MUS	LD50	7950	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Aspiration hazard	-	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: There may be a feeling of tightness in the chest with shortness of breath.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Other information: Not applicable.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

TRIZINC BIS(ORTHOPHOSPHATE)

ALGAE	72H ErC50	0.14 - 0.32	mg/l
Ceriodaphnia dubia	48H EC50	0.89 - 0.96	mg/l
Daphnia magna	48H EC50	> 2.34	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	0.14 - 5.59	mg/l

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

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12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Recovery operations: Solvent reclamation/regeneration.

Waste code number: 08 01 11

Disposal of packaging: Retain for recovery.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN1263

14.2. UN proper shipping name

Shipping name: PAINT

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 3

Section 15: Regulatory information

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

Specific regulations: Not applicable.

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15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H312: Harmful in contact with skin.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H351: Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H361d: Suspected of damaging the unborn child.

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.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.