



**AMPHORA AROMATICS
LIMITED**

essential oils, skincare & aromatherapy products

SAFETY DATA SHEET

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

PRODUCT NAME: Peony Fragrance Oil

SUPPLIER: Amphora Aromatics Ltd, 36 Cotham Hill, Cotham, Bristol BS6 6LA

Telephone +44 (0)117-9087770.

PRODUCT NUMBER: 367

INCI: Parfum

IDENTIFIED USES: Concentrated material for manufacturing purposes only.

2: HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

PHYSICAL HAZARDS: Not Classified.
HEALTH HAZARDS: Skin Sens. 1 - H317
ENVIRONMENTAL HAZARDS: Aquatic Chronic 2 - H411

CLASSIFICATION (67/548/EEC OR 1999/45/EC): N; R51/53. R43

LABEL ELEMENTS

PICTOGRAM:



SIGNAL WORD:

HAZARD STATEMENTS:

PRECAUTIONARY STATEMENTS:

SUPPLEMENTARY PRECAUTIONARY STATEMENTS:

WARNING

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

P261 Avoid breathing vapour/spray.

P273 Avoid release to the environment.

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

P302+P352 IF ON SKIN: Wash with plenty of water.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P501 Dispose of contents/container in accordance with national regulations.

P272 Contaminated work clothing should not be allowed out of the workplace.

P321 Specific treatment (see medical advice on this label).

P362+P364 Take off contaminated clothing and wash it before reuse.

P391 Collect spillage.



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CONTAINS:

HEXYL CINNAMAL, BENZYL SALICYLATE, BUTYLPHENYL
METHYLPROPIONAL, 4-TERT-BUTYLCYCLOHEXYL ACETATE,
CITRONELLOL, LIMONENE, AMYL CINNAMAL, EUGENOL, GERANYL
ACETATE, HYDROXYCITRONELLAL, CYCLAMEN ALDEHYDE, DIMETHYL-3-
CYCLOHEXENE-1-CARBALDEHYDE, COUMARIN,
METHYLENEDIOXYPHENYL METHYLPROPANAL, GERANIOL,
ISOEUGENOL, ACETYLCEDRENE, HYDROXYISOHEXYL 3-CYCLOHEXENE
CARBOXALDEHYDE, ISOCYCLOCITRAL, CINNAMYL ALCOHOL

3: COMPOSITION/INFORMATION ON INGREDIENTS

1 - 5% PHENYLETHYL ALCOHOL

CAS NUMBER: 60-12-8

EC NUMBER: 200-456-2

CLASSIFICATION:

Acute Tox. 4 - H302

Eye Irrit. 2 - H319

CLASSIFICATION (67/548/EEC OR 1999/45/EC):

Xn; R22. Xi; R36

1 - 5% HEXYL CINNAMAL

CAS NUMBER: 101-86-0

EC NUMBER: 202-983-3

M FACTOR (ACUTE) = 1

CLASSIFICATION:

Skin Sens. 1B - H317

Aquatic Acute 1 - H400

Aquatic Chronic 2 - H411

CLASSIFICATION (67/548/EEC OR 1999/45/EC):

N; R50, R51/53. R43

1 - 5% LINALOOL

CAS NUMBER: 78-70-6

EC NUMBER: 201-134-4

CLASSIFICATION:

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

CLASSIFICATION (67/548/EEC OR 1999/45/EC):

Xi; R36/38

1 - 5% LINALYL ACETATE

CAS NUMBER: 115-95-7

EC NUMBER: 204-116-4

CLASSIFICATION:

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

CLASSIFICATION (67/548/EEC OR 1999/45/EC):

Xi; R36/38

1 - 5% ALPHA-TERPINEOL

CAS NUMBER: 10482-56-1

EC NUMBER: 233-986-8

CLASSIFICATION:

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

CLASSIFICATION (67/548/EEC OR 1999/45/EC):

Xi; R36/38

1 - 5% BENZYL SALICYLATE

CAS NUMBER: 118-58-1

EC NUMBER: 204-262-9

CLASSIFICATION:

Eye Irrit. 2 - H319

Skin Sens. 1B - H317

STOT RE 2 - H373

Aquatic Chronic 3 - H412

CLASSIFICATION (67/548/EEC OR 1999/45/EC):

Xn; R48/22. Xi; R36. R43, R52/53



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<1% BUTYLPHENYL METHYLPROPIONAL

CAS NUMBER: 80-54-6

EC NUMBER: 201-289-8

CLASSIFICATION:

Acute Tox. 4 - H302

Skin Irrit. 2 - H315

Skin Sens. 1 - H317

Repr. 2 - H361

Aquatic Chronic 2 - H411

CLASSIFICATION (67/548/EEC OR 1999/45/EC):

Xn; R22, Xi; R38, Repr. Cat. 3 R62, R63, N; R51/53, R43

<1% 4-TERT-BUTYLCYCLOHEXYL ACETATE

CAS NUMBER: 32210-23-4

EC NUMBER: 250-954-9

CLASSIFICATION:

Skin Sens. 1B - H317

CLASSIFICATION (67/548/EEC OR 1999/45/EC):

R43

<1% CITRONELLOL

CAS NUMBER: 106-22-9

EC NUMBER: 203-375-0

CLASSIFICATION:

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

Skin Sens. 1B - H317

Aquatic Chronic 2 - H411

CLASSIFICATION (67/548/EEC OR 1999/45/EC):

Xi; R36/38, N; R51/53, R43

<1% LIMONENE

CAS NUMBER: 138-86-3

EC NUMBER: 205-341-0

M FACTOR (ACUTE) = 1

M FACTOR (CHRONIC) = 1

CLASSIFICATION:

Flam. Liq. 3 - H226

Skin Irrit. 2 - H315

Skin Sens. 1 - H317

Asp. Tox. 1 - H304

Aquatic Acute 1 - H400

Aquatic Chronic 1 - H410

CLASSIFICATION (67/548/EEC OR 1999/45/EC):

Xn; R65, Xi; R38, N; R50/53, R10, R43

<1% AMYL CINNAMAL

CAS NUMBER: 122-40-7

EC NUMBER: 204-541-5

CLASSIFICATION:

Skin Sens. 1B - H317

Aquatic Chronic 2 - H411

CLASSIFICATION (67/548/EEC OR 1999/45/EC):

N; R51/53, R43

<1% EUGENOL

CAS NUMBER: 97-53-0

EC NUMBER: 202-589-1

CLASSIFICATION:

Eye Irrit. 2 - H319

Skin Sens. 1B - H317

CLASSIFICATION (67/548/EEC OR 1999/45/EC):

Xi; R36, R43

<1% HEXAMETHYLINDANOPYRAN

CAS NUMBER: 1222-05-5

EC NUMBER: 214-946-9

M FACTOR (ACUTE) = 1

M FACTOR (CHRONIC) = 1

CLASSIFICATION:

Aquatic Acute 1 - H400

Aquatic Chronic 1 - H410

CLASSIFICATION (67/548/EEC OR 1999/45/EC):

N; R50/53



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<1% BENZYL BENZOATE

CAS NUMBER: 120-51-4

EC NUMBER: 204-402-9

M FACTOR (ACUTE) = 1

CLASSIFICATION:

Acute Tox. 4 - H302
Aquatic Acute 1 - H400
Aquatic Chronic 2 - H411

CLASSIFICATION (67/548/EEC OR 1999/45/EC):

Xn; R22. N; R50, R51/53

<1% GERANYL ACETATE

CAS NUMBER: 105-87-3

EC NUMBER: 203-341-5

CLASSIFICATION:

Skin Irrit. 2 - H315
Skin Sens. 1 - H317
Aquatic Chronic 2 - H411

CLASSIFICATION (67/548/EEC OR 1999/45/EC):

Xi; R38. N; R51/53. R43

<1% HYDROXYCITRONELLAL

CAS NUMBER: 107-75-5

EC NUMBER: 203-518-7

CLASSIFICATION:

Eye Irrit. 2 - H319
Skin Sens. 1B - H317

CLASSIFICATION (67/548/EEC OR 1999/45/EC):

Xi; R36. R43

<1% CYCLAMEN ALDEHYDE

CAS NUMBER: 103-95-7

EC NUMBER: 203-161-7

CLASSIFICATION:

Skin Irrit. 2 - H315
Skin Sens. 1B - H317
Aquatic Chronic 3 - H412

CLASSIFICATION (67/548/EEC OR 1999/45/EC):

Xi; R38. R43, R52/53

<1% DIMETHYL-3-CYCLOHEXENE-1-CARBALDEHYDE

CAS NUMBER: 27939-60-2

EC NUMBER: 248-742-6

CLASSIFICATION:

Skin Irrit. 2 - H315
Eye Irrit. 2 - H319
Skin Sens. 1B - H317
Aquatic Chronic 3 - H412

CLASSIFICATION (67/548/EEC OR 1999/45/EC):

Xi; R36/38. R43, R52/53

<1% MUSK KETONE

CAS NUMBER: 81-14-1

EC NUMBER: 201-328-9

M FACTOR (ACUTE) = 1

M FACTOR (CHRONIC) = 1

CLASSIFICATION:

Carc. 2 - H351
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

CLASSIFICATION (67/548/EEC OR 1999/45/EC):

Carc. Cat. 3 R40. N; R50/53

<1% COUMARIN

CAS NUMBER: 91-64-5

EC NUMBER: 202-086-7

CLASSIFICATION:

Acute Tox. 3 - H301
Skin Sens. 1B - H317

CLASSIFICATION (67/548/EEC OR 1999/45/EC):

T; R25. R43



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<1% METHYLENEDIOXYPHENYL METHYLPROPANAL

CAS NUMBER: 1205-17-0

EC NUMBER: 214-881-6

CLASSIFICATION:

Skin Sens. 1B - H317

Aquatic Chronic 2 - H411

CLASSIFICATION (67/548/EEC OR 1999/45/EC):

N; R51/53. R43

<1% GERANIOL

CAS NUMBER: 106-24-1

EC NUMBER: 203-377-1

CLASSIFICATION:

Skin Irrit. 2 - H315

Eye Dam. 1 - H318

Skin Sens. 1 - H317

CLASSIFICATION (67/548/EEC OR 1999/45/EC):

Xi; R41, R38. R43

<1% ISOEUGENOL

CAS NUMBER: 97-54-1

EC NUMBER: 202-590-7

CLASSIFICATION:

Acute Tox. 4 - H302

Acute Tox. 4 - H312

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

Skin Sens. 1A - H317

CLASSIFICATION (67/548/EEC OR 1999/45/EC):

Xn; R21/22. Xi; R36/38. R43

<1% CINNAMYL ALCOHOL

CAS NUMBER: 104-54-1

EC NUMBER: 203-212-3

CLASSIFICATION:

Skin Sens. 1B - H317

CLASSIFICATION (67/548/EEC OR 1999/45/EC):

R43

<1% ISOCYCLOCITRAL

CAS NUMBER: 1335-66-6

EC NUMBER: 215-638-7v

CLASSIFICATION:

Eye Irrit. 2 - H319

Skin Sens. 1B - H317

Aquatic Chronic 3 - H412

CLASSIFICATION (67/548/EEC OR 1999/45/EC):

Xi; R36. R43, R52/53

<1% HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE

CAS NUMBER: 31906-04-4

EC NUMBER: 250-863-4

CLASSIFICATION:

Skin Sens. 1B - H317

CLASSIFICATION (67/548/EEC OR 1999/45/EC):

R43

<1% ACETYLCEDRENE

CAS NUMBER: 32388-55-9

EC NUMBER: 251-020-3

M FACTOR (ACUTE) = 1

CLASSIFICATION:

Skin Sens. 1B - H317

Aquatic Acute 1 - H400

Aquatic Chronic 1 - H410

CLASSIFICATION (67/548/EEC OR 1999/45/EC):

N; R50/53. R43



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<1% ALPHA-CEDRENE

CAS NUMBER: 469-61-4

M FACTOR (ACUTE) = 10

CLASSIFICATION:

EC NUMBER: 207-418-4

M FACTOR (CHRONIC) = 10

Asp. Tox. 1 - H304

Aquatic Acute 1 - H400

Aquatic Chronic 1 - H410

CLASSIFICATION (67/548/EEC OR 1999/45/EC):

Xn; R65. N; R50/53

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

4: FIRST AID MEASURES

INHALATION:	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
INGESTION:	Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention immediately.
SKIN CONTACT:	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if symptoms are severe or persist after washing.
EYE CONTACT:	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
GENERAL INFORMATION:	Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product. See Section 11 for additional information on health hazards.
NOTES FOR THE DOCTOR:	No specific recommendations.

5: FIREFIGHTING MEASURES

EXTINGUISHING MEDIA RECOMMENDED:	Extinguish with the following media: Foam, carbon dioxide or dry powder.
UNSUITABLE EXTINGUISHING MEDIA:	Water
SPECIFIC HAZARDS:	Toxic gases or vapours.
PROTECTIVE ACTIONS DURING FIREFIGHTING:	Containers close to fire should be removed or cooled with water.
SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. No smoking, sparks, flames or other sources of ignition near spillage.
ENVIRONMENT PRECAUTIONS:	Do not discharge into drains or watercourses or onto the ground.
CLEANING UP METHODS FOR SPILLAGES:	Keep combustible materials away from spillage. Eliminate all sources of ignition. Provide adequate ventilation. Contain and absorb spillage with sand, earth or other non-combustible material. The contaminated absorbent may pose the same hazard as the spilled material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Wash thoroughly after dealing with a spillage.



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7: HANDLING AND STORAGE

USAGE PRECAUTIONS:

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin, eyes and clothing.

OCCUPATIONAL HYGIENE:

Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet.

STORAGE PRECAUTIONS:

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



APPROPRIATE ENGINEERING CONTROLS:

Provide adequate ventilation.

EYE/FACE PROTECTION:

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

HAND PROTECTION:

OTHER SKIN AND BODY PROTECTION:

Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.

HYGIENE MEASURES:

No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

RESPIRATORY PROTECTION:

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

ENVIRONMENTAL EXPOSURE CONTROLS:

Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

Liquid.

COLOUR:

Yellow.

ODOUR:

Characteristic.

FLASH POINT °C:

> 62

SPECIFIC GRAVITY @ 20°C:

~ 1.011

REFRACTIVE INDEX @ 20°C:

~1.457



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10: STABILITY AND REACTIVITY

REACTIVITY:	Stable at normal ambient temperatures.
POSSIBILITY OF HAZARDOUS REACTIONS	Will not polymerise.
CONDITIONS TO AVOID	Avoid heat, flames and other sources of ignition.
MATERIALS TO AVOID	Strong oxidising agents. Strong acids. Strong alkalis
DECOMPOSITION:	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY - ORAL:	ATE oral (mg/kg): 40'835.39
SKIN CONTACT:	May cause sensitisation by skin contact.

TOXICOLOGICAL INFORMATION ON INGREDIENTS

PHENYLETHYL ALCOHOL

ACUTE TOXICITY - ORAL	
ACUTE TOXICITY ORAL (LD ₅₀ MG/KG):	1,603.3
SPECIES:	Rat
ATE ORAL (MG/KG):	1,603.3

12: ECOLOGICAL INFORMATION

ECOTOXICITY:	Toxic to aquatic life with long lasting effects.
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ECOLOGICAL INFORMATION ON INGREDIENTS

HEXYL CINNAMAL

ACUTE AQUATIC TOXICITY	
LE(C) ₅₀ :	0.1 < L(E)C50 ≤ 1
M FACTOR (ACUTE):	1

PERSISTENCE AND DEGRADABILITY:	The product contains substances which are not expected to be biodegradable.
BIOACCUMULATIVE POTENTIAL:	The product does not contain any substances expected to be bioaccumulating.
MOBILITY IN SOIL:	The product is insoluble in water.
RESULTS OF PBT AND vPvB ASSESSMENT:	This product does not contain any substances classified as PBT or vPvB.

13: DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:	Dispose of waste product or used containers in accordance with local regulations
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14: TRANSPORT INFORMATION

UN No. (ADR/RID):	3082
UN No. (IMDG):	3082
UN No. (ICAO):	3082
UN No. (AND):	3082
PROPER SHIPPING NAME (ADR/RID):	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS HEXYL CINNAMAL, LIMONENE)
PROPER SHIPPING NAME (IMDG):	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS HEXYL CINNAMAL, LIMONENE)



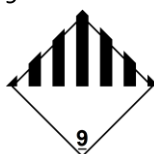
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PROPER SHIPPING NAME (ICAO): ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(CONTAINS HEXYL CINNAMAL, LIMONENE)
PROPER SHIPPING NAME (AND): ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(CONTAINS HEXYL CINNAMAL, LIMONENE)

TRANSPORT HAZARD CLASS(ES)

ADR/RID CLASS: 9
ADR/RID CLASSIFICATION CODE M6
ADR/RID LABEL: 9
IMDG CLASS: 9
ICAO CLASS/DIVISION: 9
AND CLASS: 9
TRANSPORT LABEL:



PACKING GROUP: III
ENVIRONMENTALLY HAZARDOUS
SUBSTANCE/MARINE POLLUTANT: Environmentally hazardous
substance/marine pollutant



SPECIAL PRECAUTIONS FOR USER

EMS: F – A, S – F.
ADR TRANSPORT CATEGORY: 3
EMERGENCY ACTION CODE •3Z
HAZARD IDENTIFICATION NUMBER 90
TUNNEL RESTRICTION CODE: (E)
TRANSPORT IN BULK ACCORDING TO ANNEX II
OF MARPOL73/78 AND THE IBC CODE: Not applicable

15: REGULATORY INFORMATION

EU LEGISLATION: Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

GUIDANCE: Workplace Exposure Limits EH40.



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16: OTHER INFORMATION

RISK PHRASES IN FULL

R10 Flammable.
R21/22 Harmful in contact with skin and if swallowed.
R22 Harmful if swallowed.
R25 Toxic if swallowed.
R36 Irritating to eyes.
R36/38 Irritating to eyes and skin.
R38 Irritating to skin.
R40 Limited evidence of a carcinogenic effect.
R41 Risk of serious damage to eyes.
R43 May cause sensitisation by skin contact.
R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.
R50 Very toxic to aquatic organisms.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

HAZARD STATEMENTS IN FULL

R62 Possible risk of impaired fertility.
R63 Possible risk of harm to the unborn child.
R65 Harmful: may cause lung damage if swallowed
H226 Flammable liquid and vapour.
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H351 Suspected of causing cancer.
H361 Suspected of damaging fertility or the unborn child.
H373 May cause damage to organs (Spleen) through prolonged or repeated exposure if swallowed.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects



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Q.C. REQUIREMENTS.

In-line with general product specification. Always satisfy suitability for specific application.

Retest after 6 months.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.