

SAFETY DATA SHEET Paper Air Freshener/Dylan

According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

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

1.1. Product identifier

Product name Paper Air Freshener/Dylan

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

Identified uses Air Freshener

Uses advised againstNo specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier Custom Accessories Europe

The Granary Standen Manor Hungerford Berkshire RG17 0RB

UK

T: +44 (0) 1488 662770 F: +44 (0) 1488 662771 E: info@caeurope.co.uk

1.4. Emergency telephone number

Emergency telephone +44 (0) 1488 662770 (9:00-17:00 Monday - Friday)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Skin Sens. 1 - H317

Environmental hazards Aquatic Chronic 2 - H411

2.2. Label elements

Pictogram





Signal word Warning

Hazard statements H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

Paper Air Freshener/Dylan

Precautionary statements P102 Keep out of reach of children.

P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
P501 Dispose of contents/ container in accordance with national regulations.

Contains Isocyclemone E, hexyl cinnamic aldehyde, lemon terpenes, orange, sweet, ext.

Supplementary precautionary

statements

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

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Naphtha (petroleum), hydrotreated heavy

CAS number: 64742-48-9

EC number: 265-150-3

Classification
Asp. Tox. 1 - H304

Isocyclemone E 1 - <10%

Classification

Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-

c]pyran

Classification

Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

hexyl cinnamic aldehyde 1 - <5%

1 - <10%

CAS number: 101-86-0 EC number: 202-983-3

Classification

Skin Sens. 1 - H317

Eye Irrit. 2 - H319

Aquatic Chronic 1 - H410

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2,6-dimethyloct-7-en-2-ol		1 - <5%
CAS number: 18479-58-8	EC number: 242-362-4	
Classification Skin Irrit. 2 - H315		

lemon terpenes

CAS number: 68917-33-9

M factor (Chronic) = 1

Classification
Flam. Liq. 3 - H226
Skin Irrit. 2 - H315
Skin Sens. 1 - H317
Asp. Tox. 1 - H304

grapefruit oil <2%

CAS number: 8016-20-4 EC number: 289-904-6

M factor (Chronic) = 1

Classification

Flam. Liq. 3 - H226

Skin Sens. 1 - H317

Asp. Tox. 1 - H304

Aquatic Chronic 1 - H410

pin-2(10)-ene

CAS number: 127-91-3

EC number: 204-872-5

Classification
Flam. Liq. 3 - H226
Skin Irrit. 2 - H315
Skin Sens. 1 - H317
Asp. Tox. 1 - H304

Acetyl cedrene

CAS number: 32388-55-9

EC number: 251-020-3

M factor (Acute) = 1

M factor (Chronic) = 1

Classification
Skin Sens. 1 - H317
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

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linalool <2%

CAS number: 78-70-6 EC number: 201-134-4

Classification

Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317

citronellol <2%

CAS number: 106-22-9 EC number: 203-375-0

Classification

Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1B - H317

Bergamot, ext. <2%

CAS number: 8007-75-8 EC number: 289-612-9

Classification

Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411

orange, sweet, ext. <2%

Classification

Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information If in doubt, get medical attention promptly. Show this Safety Data Sheet to the medical

personnel.

Inhalation The product is considered to be a low hazard under normal conditions of use. Move affected

person to fresh air and keep warm and at rest in a position comfortable for breathing. Get

medical attention if any discomfort continues.

Ingestion Rinse immediately with plenty of water. Do not induce vomiting. If vomiting occurs, the head

should be kept low so that vomit does not enter the lungs. Get medical attention.

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Skin contact Wash skin thoroughly with soap and water. In the event of any sensitisation symptoms

developing, ensure further exposure is avoided. Get medical attention if irritation persists after

washing.

Eye contact Remove any contact lenses and open eyelids wide apart. Rinse cautiously with water for

several minutes. Get medical attention if any discomfort continues.

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

General information The severity of the symptoms described will vary dependent on the concentration and the

length of exposure. The product contains a small amount of sensitising substance.

Inhalation Symptoms following overexposure may include the following: Headache.

Ingestion May cause discomfort if swallowed. May cause stomach pain or vomiting.

Skin contact May cause sensitisation or allergic reactions in sensitive individuals.

Eye contact May be slightly irritating to eyes.

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry

powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing

media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards None known.

Hazardous combustion

products

Thermal decomposition or combustion products may include the following substances:

Carbon dioxide (CO2). Carbon monoxide (CO).

5.3. Advice for firefighters

Protective actions during

firefighting

Avoid breathing fire gases or vapours. Evacuate area. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

Special protective equipment

for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate

ventilation. Avoid contact with eyes and prolonged skin contact.

6.2. Environmental precautions

Environmental precautions Avoid discharge to the aquatic environment.

6.3. Methods and material for containment and cleaning up

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Methods for cleaning up

Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.

6.4. Reference to other sections

Reference to other sections

For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Read and follow manufacturer's recommendations. For personal protection, see Section 8. Keep out of the reach of children. The product contains a sensitising substance. Avoid contact with eyes and prolonged skin contact. Persons susceptible to allergic reactions should not handle this product.

Advice on general occupational hygiene

Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Keep in a cool place. Do not store near heat sources or expose to high temperatures.

7.3. Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Ingredient comments

No exposure limits known for ingredient(s).

8.2. Exposure controls

Appropriate engineering

controls

Provide adequate ventilation.

Eye/face protection

No specific eye protection required during normal use. Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection

No specific requirements are anticipated under normal conditions of use. Large Spillages: Wear protective gloves. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374.

Hygiene measures

Good personal hygiene procedures should be implemented. Persons susceptible to allergic reactions should not handle this product. When using do not eat, drink or smoke. Wash hands thoroughly after handling.

Respiratory protection

No specific requirements are anticipated under normal conditions of use. Large Spillages: Provide adequate ventilation. If ventilation is inadequate, suitable respiratory protection must be worn. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked.

Environmental exposure controls

Keep container tightly sealed when not in use. Avoid discharge to the aquatic environment.

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SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance Solid.

ColourNot available.OdourNot available.Odour thresholdNot available.

pH Not applicable.

Melting point Not available.

Initial boiling point and range Not applicable.

Flash point Not available.

Evaporation rate Not available.

Evaporation factor Not available.

Flammability (solid, gas) Not available.

Upper/lower flammability or

explosive limits

Not available.

Vapour pressure Not available.

Vapour density Not available.

Relative density Not available.

Bulk density Not available.

Solubility(ies) Not available.

Partition coefficient Not available.

Auto-ignition temperature Not available.

Decomposition Temperature Not available.

Viscosity Not available.

Explosive properties Not considered to be explosive.

Oxidising properties Does not meet the criteria for classification as oxidising.

9.2. Other information

Other information None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous

reactions

No potentially hazardous reactions known.

10.4. Conditions to avoid

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Conditions to avoid Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials to avoid

No specific material or group of materials is likely to react with the product to produce a

hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition Does not decompose when used and stored as recommended. Thermal decomposition or

products combustion products may include the following substances: Harmful gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Animal dataBased on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation Based on available data the classification criteria are not met.

Respiratory sensitisation

Respiratory sensitisationBased on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation May cause sensitisation or allergic reactions in sensitive individuals.

Germ cell mutagenicity

Genotoxicity - in vitroBased on available data the classification criteria are not met.

Genotoxicity - in vivoBased on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Reproductive toxicity -

development

development

Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met.

Aspiration hazard

Aspiration hazard Not relevant. Solid.

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General information The severity of the symptoms described will vary dependent on the concentration and the

length of exposure. The product contains a sensitising substance.

Inhalation Symptoms following overexposure may include the following: Headache.

Ingestion May cause discomfort if swallowed. May cause stomach pain or vomiting.

Skin contact May cause sensitisation or allergic reactions in sensitive individuals.

Eye contact May cause temporary eye irritation.

Route of exposure Inhalation Ingestion Skin and/or eye contact

Toxicological information on ingredients.

Isocyclemone E

Acute toxicity - oral

Notes (oral LD₅o) LD₅o > 5000 mg/kg, Oral, Rat REACH dossier information.

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ > 5000 mg/kg, Dermal, Rat

Skin corrosion/irritation

Human skin model test Cell Viability 48% 15 minutes REACH dossier information. Irritating.

Skin sensitisation

Skin sensitisation Local Lymph Node Assay (LLNA) - Mouse: Sensitising. REACH dossier

information.

Germ cell mutagenicity

Genotoxicity - in vitro Chromosome aberration: Negative. REACH dossier information.

Genotoxicity - in vivo Chromosome aberration: Negative. REACH dossier information.

Reproductive toxicity

Reproductive toxicity -

Developmental toxicity: - NOAEL: 240 mg/kg/day, Oral, Rat REACH dossier

development information.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 150 mg/kg/day, Oral, Rat REACH dossier information.

2,6-dimethyloct-7-en-2-ol

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ 4100 mg/kg, Oral, Rat REACH dossier information.

Acute toxicity - dermal

Notes (dermal LD₅o) LD₅o > 5000 mg/kg, Dermal, Rabbit Read-across data. REACH dossier information.

Skin corrosion/irritation

Animal data Dose: 0.5 ml, 4 hours, Rabbit Erythema/eschar score: Well defined erythema (2).

Oedema score: Slight oedema - edges of area well defined by definite raising (2).

REACH dossier information. Irritating.

Serious eye damage/irritation

Serious eye damage/irritation

Causes serious eye irritation.

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Skin sensitisation

Skin sensitisation Local Lymph Node Assay (LLNA) - Mouse: Not sensitising. REACH dossier

information.

Germ cell mutagenicity

Genotoxicity - in vitro Gene mutation: Negative. REACH dossier information.

Reproductive toxicity

Reproductive toxicity -

Developmental toxicity: - NOAEL: 1000 mg/kg/day, Oral, Rat Read-across data.

development REACH dossier information.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 500 mg/kg/day, Oral, Rat REACH dossier information.

SECTION 12: Ecological Information

12.1. Toxicity

Toxicity The product is not expected to be hazardous to the environment. However, large or frequent

spills may have hazardous effects on the environment.

Ecological information on ingredients.

Isocyclemone E

Acute aquatic toxicity

0.1 < L(E)C50 ≤ 1 LE(C)50

M factor (Acute)

LC₅₀, 96 hours: 1.3 mg/l, Lepomis macrochirus (Bluegill) Acute toxicity - fish

REACH dossier information.

Acute toxicity - aquatic

EC₅₀, 48 hours: 1.38 mg/l, Daphnia magna

invertebrates

REACH dossier information.

Acute toxicity - aquatic

EC₅₀, 72 hours: > 2.6 mg/l, Desmodesmus subspicatus

plants

REACH dossier information.

Chronic aquatic toxicity

M factor (Chronic) 1

1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran

Acute aquatic toxicity

 $0.1 < L(E)C50 \le 1$ LE(C)50

M factor (Acute)

Chronic aquatic toxicity

NOEC 0.01 < NOEC ≤ 0.1

Degradability Non-rapidly degradable

M factor (Chronic)

2,6-dimethyloct-7-en-2-ol

Acute aquatic toxicity

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Acute toxicity - fish LC₅₀, 96 hours: 27.8 mg/l, Oncorhynchus mykiss (Rainbow trout)

REACH dossier information.

Acute toxicity - aquatic

invertebrates

EC₅₀, 48 hours: 38 mg/l, Daphnia magna

REACH dossier information.

Acute toxicity - aquatic

EC₅₀, 72 hours: 80 mg/l, Desmodesmus subspicatus

plants

REACH dossier information.

12.2. Persistence and degradability

Persistence and degradability The degradability of the product is not known.

Ecological information on ingredients.

Isocyclemone E

Biodegradation Water - Degradation 0%: 28 days

REACH dossier information.

No biodegradation observed under test conditions.

2,6-dimethyloct-7-en-2-ol

Biodegradation Water - Degradation 72%: 28 days

REACH dossier information.

The substance is readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not available.

Ecological information on ingredients.

Isocyclemone E

Bioaccumulative potential BCF: 603, Lepomis macrochirus (Bluegill)

Partition coefficient log Pow: 5.6

2,6-dimethyloct-7-en-2-ol

Bioaccumulative potential BCF: 64.8,

Partition coefficient log Pow: 3.25

12.4. Mobility in soil

Mobility The product is insoluble in water.

Ecological information on ingredients.

Isocyclemone E

Adsorption/desorption

coefficient

Log Koc: 4.12

Henry's law constant 11.3 Pa m³/mol @ 12°C

2,6-dimethyloct-7-en-2-ol

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Adsorption/desorption coefficient

Soil - Log Koc: 2.25 @ 35°C

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB

This product does not contain any substances classified as PBT or vPvB.

assessment

Ecological information on ingredients.

Isocyclemone E

Results of PBT and vPvB

This substance is not classified as PBT or vPvB according to current EU criteria.

assessment

2,6-dimethyloct-7-en-2-ol

Results of PBT and vPvB This substance is not classified as PBT or vPvB according to current EU criteria.

assessment

12.6. Other adverse effects

Other adverse effects Not known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information The generation of waste should be minimised or avoided wherever possible. Reuse or recycle

products wherever possible. Avoid discharge to the aquatic environment. This material and its

container must be disposed of in a safe way.

Disposal methods Waste packaging should be collected for reuse or recycling. Dispose of contents/container in

accordance with local regulations.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 3077

UN No. (IMDG) 3077

UN No. (ICAO) 3077

UN No. (ADN) 3077

14.2. UN proper shipping name

Proper shipping name

(ADR/RID)

 ${\tt ENVIRONMENTALLY\ HAZARDOUS\ SUBSTANCE,\ SOLID,\ N.O.S.\ (CONTAINS\ CONTAINS\ CONT$

Isocyclemone E, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran)

Proper shipping name (IMDG) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS

Isocyclemone E, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran)

Proper shipping name (ICAO) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS

Isocyclemone E, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran)

Proper shipping name (ADN) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS

Isocyclemone E, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran)

14.3. Transport hazard class(es)

ADR/RID class 9

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ADR/RID classification code M7

ADR/RID label 9

IMDG class 9

ICAO class/division 9

ADN class 9

Transport labels



14.4. Packing group

ADR/RID packing group III

IMDG packing group III

ICAO packing group

ADN packing group

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user

EmS F-A, S-F

ADR transport category 3

Emergency Action Code 2Z

Hazard Identification Number 90

(ADR/RID)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

SECTION 15: Regulatory information

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

National regulations Health and Safety at Work etc. Act 1974 (as amended).

The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment

Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].

EH40/2005 Workplace exposure limits.

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EU legislation 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).

Commission Regulation (EU) No 2015/830 of 28 May 2015.

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).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet

ADR: European Agreement concerning the International Carriage of Dangerous Goods by

Road.

ADN: European Agreement concerning the International Carriage of Dangerous Goods by

Inland Waterways.

ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air.

RID: European Agreement concerning the International Carriage of Dangerous Goods by

Rail.

IMDG: International Maritime Dangerous Goods.

LC₅o: Lethal Concentration to 50 % of a test population.

LD₅₀: Lethal Dose to 50% of a test population (Median Lethal Dose).

EC50: 50% of maximal Effective Concentration.

PBT: Persistent, Bioaccumulative and Toxic substance.

vPvB: Very Persistent and Very Bioaccumulative.

Key literature references and

sources for data

REACH dossier information. Source: European Chemicals Agency, http://echa.europa.eu/

Supplier's information.

Training advice Read and follow manufacturer's recommendations.

Revision date 29/09/2017

SDS number 4919

Hazard statements in full H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

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.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.