

SAFETY DATA SHEET AIR FILTER CLEANER

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

1.1. Product identifier

Product name AIR FILTER CLEANER

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

Identified uses Cleaning agent.

Uses advised against Use only for intended applications.

1.3. Details of the supplier of the safety data sheet

Supplier REABROOK PRIVATE LABEL
RAWDON ROAD
MOIRA
SWADLINCOTE
DERBYSHIRE
DE12 6DA
+44 (0) 1283 222266
+44 (0) 1283 550963
enquiries@reabrook.co.uk

1.4. Emergency telephone number

Emergency telephone +44 (0) 777 8505 330 (24 hrs).

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Aerosol 1 - H222, H229

Health hazards Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317

Environmental hazards Aquatic Chronic 3 - H412

2.2. Label elements

Pictogram



Signal word

Danger

Hazard statements

H222 Extremely flammable aerosol.
H229 Pressurised container: may burst if heated.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H412 Harmful to aquatic life with long lasting effects.

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Precautionary statements	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P211 Do not spray on an open flame or other ignition source.</p> <p>P251 Do not pierce or burn, even after use.</p> <p>P261 Avoid breathing spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P272 Contaminated work clothing should not be allowed out of the workplace.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
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Contains ORANGE TERPENES, ALCOHOL ETHOXYLATE, ISOPROPYLAMINE DODECYL BENZENE SULPHONATE

Detergent labelling ≥ 30% aliphatic hydrocarbons, < 5% anionic surfactants, < 5% non-ionic surfactants

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

HYDROCARBON PROPELLANT OBS 30-60% CAS number: 68476-85-7 EC number: 270-704-2
Classification Flam. Gas 1 - H220 Press. Gas (Liq.) - H280
HYDROCARBONS, C11-14, n-ALKANES, ISOALKANES, CYCLICS <2% AROMATICS 30-60% CAS number: — EC number: 926-141-6 REACH registration number: 01-2119456620-43-xxxx
Classification Asp. Tox. 1 - H304

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ORANGE TERPENES	10-30%
CAS number: 8028-48-6	EC number: 232-433-8
Classification	
Flam. Liq. 3 - H226	
Skin Irrit. 2 - H315	
Skin Sens. 1 - H317	
Asp. Tox. 1 - H304	
Aquatic Chronic 2 - H411	
1-METHOXY-2-PROPANOL	10-30%
CAS number: 107-98-2	EC number: 203-539-1
	REACH registration number: 01-2119457435-35-XXXX
Classification	
Flam. Liq. 3 - H226	
STOT SE 3 - H336	
ALCOHOL ETHOXYLATE	1-5%
CAS number: 68439-45-2	
Classification	
Acute Tox. 4 - H302	
Eye Dam. 1 - H318	
ISOPROPYLAMINE DODECYL BENZENE SULPHONATE	1-5%
CAS number: 84961-74-0	EC number: 284-664-9
	REACH registration number: 01-2119985163-33-XXXX
Classification	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
Aquatic Chronic 3 - H412	

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

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Show this Safety Data Sheet to the medical personnel.
Inhalation	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 mouth thoroughly with water. Do not induce vomiting. Get medical attention if any discomfort continues.
Skin contact	Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately.

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

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Inhalation	May cause drowsiness or dizziness.
Ingestion	May cause discomfort if swallowed.
Skin contact	Causes skin irritation. May cause sensitisation or allergic reactions in sensitive individuals.
Eye contact	Causes serious eye damage.

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

Notes for the doctor Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with foam, carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture

Specific hazards Extremely flammable aerosol. Pressurised container: may burst if heated

Hazardous combustion products Thermal decomposition or combustion products may include the following substances:
Carbon monoxide (CO). Carbon dioxide (CO₂). Sulphurous gases (SO_x).

5.3. Advice for firefighters

Protective actions during firefighting Use water to keep fire exposed containers cool and disperse vapours. Evacuate area.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Avoid contact with skin, eyes and clothing. No smoking, sparks, flames or other sources of ignition near spillage. Do not touch or walk into spilled material. Provide adequate ventilation. Take care as floors and other surfaces may become slippery. Take precautionary measures against static discharges. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant. Avoid contact with contaminated tools and objects. Do not handle broken packages without protective equipment. Wash thoroughly after dealing with a spillage.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Eliminate all sources of ignition. Provide adequate ventilation. Absorb spillage with inert, damp, non-combustible material. Collect and place in suitable waste disposal containers and seal securely. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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Usage precautions

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Eliminate all sources of ignition. Wear protective gloves, eye and face protection. Avoid inhalation of vapours/spray and contact with skin and eyes. Do not breathe vapour/spray. Do not expose to temperatures exceeding 50°C/122°F. Provide adequate ventilation. Keep container in a well-ventilated place. Do not pierce or burn, even after use. Do not spray on an open flame or other ignition source. Do not handle broken packages without protective equipment. Avoid contact with contaminated tools and objects. Avoid release to the environment. Do not empty into drains. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store at temperatures between 4°C and 40°C. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Storage class Flammable compressed gas storage.

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

Occupational exposure limits

HYDROCARBON PROPELLANT OBS

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1750 mg/m³

Short-term exposure limit (15-minute): WEL 1250 ppm 2180 mg/m³

HYDROCARBONS, C11-14, n-ALKANES, ISOALKANES, CYCLICS <2% AROMATICS

Long-term exposure limit (8-hour TWA): WEL 1000 mg/m³

1-METHOXY-2-PROPANOL

Long-term exposure limit (8-hour TWA): WEL 100 ppm(Sk) 375 mg/m³(Sk)

Short-term exposure limit (15-minute): WEL 150 ppm(Sk) 560 mg/m³(Sk)

Sk

WEL = Workplace Exposure Limit

Sk = Can be absorbed through skin.

1-METHOXY-2-PROPANOL (CAS: 107-98-2)

DNEL

Industry - Inhalation; : 553.5 mg/m³

Industry - Inhalation; Long term : 369 mg/m³

Industry - Dermal; Long term : 50.6 mg/kg/day

Consumer - Dermal; Long term : 18.1 mg/kg/day

Consumer - Inhalation; Long term : 43.9 mg/m³

Consumer - Oral; Long term : 3.3 mg/kg/day

PNEC

- Fresh water; 10 mg/l

- Marine water; 1 mg/l

- STP; 100 mg/l

- Sediment (Freshwater); 41.6 mg/kg

- Sediment (Marinewater); 4.17 mg/kg

- Soil; 2.47 mg/kg

ISOPROPYLAMINE DODECYL BENZENE SULPHONATE (CAS: 84961-74-0)

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DNEL

Industry - Inhalation; Long term systemic effects: 3.33 mg/m³
 Industry - Dermal; Long term systemic effects: 0.94 mg/kg/day
 Consumer - Inhalation; Long term systemic effects: 0.82 mg/m³
 Consumer - Dermal; Long term systemic effects: 0.47 mg/cm²
 Consumer - Oral; Long term systemic effects: 0.47 mg/kg/day

PNEC

Fresh water; 0.268 mg/l
 Marine water; 0.0268 mg/l
 Intermittent release; 0.268 mg/l
 Sediment (Freshwater); 8.1 mg/kg
 Sediment (Marinewater); 8.1 mg/kg
 STP; 1.67 mg/l
 Soil; 35 mg/kg

8.2. Exposure controls

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: Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. 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. The selected gloves should have a breakthrough time of at least 4 hours. The breakthrough time for any glove material may be different for different glove manufacturers. When used with mixtures, the protection time of gloves cannot be accurately estimated. For exposure up to 4 hours, wear gloves made of the following material: Nitrile rubber. Thickness: 0.54 mm Laminate of polyethylene and ethylene vinyl alcohol (PE/EVOH). Thickness: 0.06 mm Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.

Hygiene measures

Wash contaminated clothing before reuse. Wash hands after handling.

Respiratory protection

Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Respirator selection must be based on exposure levels, the hazards of the product and the safe working limits of the selected respirator. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Half mask and quarter mask respirators with replaceable filter cartridges should comply with European Standard EN140. Disposable filtering half mask respirators should comply with European Standard EN149 or EN405. Wear a respirator fitted with the following cartridge: Gas filter, type A2. Organic vapour filter.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

AIR FILTER CLEANER

Appearance	Aerosol.
Colour	Colourless.
Odour	Hydrocarbons.
pH	Not applicable.
Solubility(ies)	Slightly soluble in water.

9.2. Other information

Other information	Not determined.
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SECTION 10: Stability and reactivity

10.1. Reactivity

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

Stability	Stable at normal ambient temperatures and when used as recommended.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Not determined.
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10.4. Conditions to avoid

Conditions to avoid	Avoid heat, flames and other sources of ignition.
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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.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO ₂), Carbon monoxide (CO), Sulphurous gases (SO _x).
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg)	26,373.63
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Inhalation	May cause drowsiness or dizziness.
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Ingestion	May cause discomfort if swallowed.
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Skin contact	Causes skin irritation. May cause skin sensitisation or allergic reactions in sensitive individuals.
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Eye contact	Causes serious eye damage.
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Toxicological information on ingredients.

HYDROCARBON PROPELLANT OBS

Acute toxicity - inhalation

Acute toxicity inhalation (LC ₅₀ vapours mg/l)	21.0
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AIR FILTER CLEANER

Species	Rat
ATE inhalation (vapours mg/l)	21.0

1-METHOXY-2-PROPANOL**Acute toxicity - oral**

Acute toxicity oral (LD ₅₀ mg/kg)	4,016.0
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Species	Rat
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ATE oral (mg/kg)	4,016.0
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Acute toxicity - dermal

Acute toxicity dermal (LD ₅₀ mg/kg)	20,001.0
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Species	Rat
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ATE dermal (mg/kg)	20,001.0
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Acute toxicity - inhalation

Acute toxicity inhalation (LC ₅₀ dust/mist mg/l)	7,559.0
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Species	Rat
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ATE inhalation (dusts/mists mg/l)	7,559.0
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ALCOHOL ETHOXYLATE**Acute toxicity - oral**

Acute toxicity oral (LD ₅₀ mg/kg)	1,200.0
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Species	Rat
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Notes (oral LD₅₀)

ATE oral (mg/kg)	1,200.0
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Acute toxicity - dermal

Acute toxicity dermal (LD ₅₀ mg/kg)	2,000.1
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Species	Rat
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ATE dermal (mg/kg)	2,000.1
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ISOPROPYLAMINE DODECYL BENZENE SULPHONATE**Acute toxicity - oral**

Acute toxicity oral (LD ₅₀ mg/kg)	2,000.1
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Species	Rat
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AIR FILTER CLEANER

ATE oral (mg/kg) 2,000.1

SECTION 12: Ecological Information

Ecotoxicity Toxic to aquatic life with long lasting effects.

12.1. Toxicity

Acute aquatic toxicity

Acute toxicity - fish Not determined.

Ecological information on ingredients.

ORANGE TERPENES

Acute aquatic toxicity

LE(C)₅₀ 0.1 < L(E)C₅₀ ≤ 1

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 12.3 mg/l, Daphnia magna

1-METHOXY-2-PROPANOL

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 6812 mg/l, Leuciscus idus (Golden orfe), 96 hours: > 1000 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 21,100 - 25,900 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, >: > 1000 mg/l, Selenastrum capricornutum

ISOPROPYLAMINE DODECYL BENZENE SULPHONATE

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 1 - 5 mg/l, Fish

Acute toxicity - aquatic invertebrates EC₅₀, 96 hours: 15 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 48 hours: >10 mg/l,

12.2. Persistence and degradability

Persistence and degradability The product is expected to be biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

12.4. Mobility in soil

Mobility The product has poor water-solubility.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects Not determined.

AIR FILTER CLEANER

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements.

SECTION 14: Transport information

Special Provisions note

14.1. UN number

UN No. (ADR/RID)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	AEROSOLS
Proper shipping name (IMDG)	AEROSOLS
Proper shipping name (ICAO)	AEROSOLS

14.3. Transport hazard class(es)

ADR/RID class	2.1
IMDG class	2.1
ICAO class/division	2.1

Transport labels



14.4. Packing group

ADR/RID packing group	5F
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14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user

Tunnel restriction code	(D)
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14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

AIR FILTER CLEANER

National regulations	Control of Substances Hazardous to Health Regulations 2002 (as amended).
EU legislation	<p>Council Directive of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers (75/324/EEC) (as amended).</p> <p>Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended).</p> <p>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).</p> <p>Commission Regulation (EU) No 453/2010 of 20 May 2010.</p> <p>Commission Regulation (EU) No 2015/830 of 28 May 2015.</p>
Guidance	Workplace Exposure Limits EH40.

15.2. Chemical safety assessment

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet	<p>ATE: Acute Toxicity Estimate.</p> <p>ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.</p> <p>CAS: Chemical Abstracts Service.</p> <p>DNEL: Derived No Effect Level.</p> <p>IATA: International Air Transport Association.</p> <p>IMDG: International Maritime Dangerous Goods.</p> <p>PBT: Persistent, Bioaccumulative and Toxic substance.</p> <p>PNEC: Predicted No Effect Concentration.</p> <p>vPvB: Very Persistent and Very Bioaccumulative.</p> <p>NOAEL: No Observed Adverse Effect Level.</p>
Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	12/02/2019
Revision	5.0
Supersedes date	27/10/2016
SDS number	28595
Risk phrases in full	<p>R10 Flammable.</p> <p>R12 Extremely flammable.</p> <p>R22 Harmful if swallowed.</p> <p>R36/38 Irritating to eyes and skin.</p> <p>R38 Irritating to skin.</p> <p>R41 Risk of serious damage to eyes.</p> <p>R43 May cause sensitisation by skin contact.</p> <p>R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> <p>R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> <p>R65 Harmful: may cause lung damage if swallowed.</p> <p>R67 Vapours may cause drowsiness and dizziness.</p>

AIR FILTER CLEANER

Hazard statements in full

H220 Extremely flammable gas.
H222 Extremely flammable aerosol.
H226 Flammable liquid and vapour.
H229 Pressurised container: may burst if heated.
H280 Contains gas under pressure; may explode if heated.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful 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.