CABIN FILTER HOUSING CLEANER



SAFETY DATA SHEET

Compiled in accordance with REACH Regulation (EC) No 1907/2006, as retained and amended in UK law

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VERSION: 5.0

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

1.1. Product identifier

Product form : Mixture

Trade name : Cabin Filter Housing Cleaner Product code : Ford Internal Ref.: 200932

SDS Number : 5461

UFI : AXFX-5J2E-A00Q-058H

Vaporizer : Aerosol
Product use : Professional use

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

1.2.1. Relevant identified uses

Function or use category : Cleaner

1.2.2. Uses advised against

Restrictions on use : None known

1.3. Details of the supplier of the safety data sheet

Supplier Distributor

Ford-Werke GmbH Ford Motor Company Ltd.

Edsel-Ford-Str. 2-14 Parts Distribution Centre
50769 Cologne Royal Oak Way South
Germany NN11 8NT Daventry, Northants

+49 221 90-33333 United Kingdom sdseu@ford.com +44 1327 305 198

1.4. Emergency telephone number

+49 (0) 6132-84463 (GBK GmbH - 24/7)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations

Physical hazards Aerosol, Category 3 H229 Pressurised container: May burst if heated.

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations

Signal word Warning

Hazard statements

H229 Pressurised container: May burst if heated.

Precautionary statements

Prevention

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

P251 Do not pierce or burn, even after use.

Storage

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C / 122 °F.

Extra phrases 20 % by mass of the contents are flammable.

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII. This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII.

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical name	CAS- No EC- No Index No RRN	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Notes
ethanol	64-17-5	10 - < 20	Flam. Liq. 2, H225	(50 ≤ C ≤ 100) Eye Irrit. 2,
	200-578-6		Eye Irrit. 2, H319	H319
	603-002-00-5			
	01-2119457610-43-XXXX			

Product subject to CLP Article 1.1.3.7. The disclosure rules of the components is modified in this case.

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Ensure that medical personnel are aware of the material(s) involved, and take precautions to

protect themselves. Never give anything by mouth to an unconscious person.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Get medical attention if symptoms

occur.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing and wash it before reuse. Get

medical attention if irritation develops and persists.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. Get medical attention if irritation develops and persists.

First-aid measures after ingestion : Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into

the lungs. Obtain medical attention.

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

Symptoms/effects: : Headache. Nausea. Dizziness. Fatigue. Skin irritation.

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

Treat symptomatically. Symptoms may be delayed.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

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

Explosion hazard : Pressurised container: May burst if heated.

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon oxides (CO, CO2). Aldehydes. smokes.

5.3. Advice for firefighters

Precautionary measures fire : Do not breathe fumes. Move containers from fire area if it can be done without personal risk.

Firefighting instructions : Use standard firefighting procedures and consider the hazards of other involved materials.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing

apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : For personal protection, see section 8 of the SDS.

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Do not breathe spray.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to

section 8: "Exposure controls/personal protection".

Emergency procedures : Keep unnecessary personnel away.

6.2. Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.

Methods for cleaning up : Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is

possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. Small spills: Take up liquid spill into absorbent material. Clean surface thoroughly to remove residual contamination. Never return spills in original containers for

re-use.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Keep away from

heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an

open flame or other ignition source. Do not pierce or burn, even after use.

Hygiene measures : Always observe good personal hygiene measures, such as washing after handling the material and

before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to

remove contaminants.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool. Protect from sunlight. Do not expose to temperatures

exceeding 50 °C / 122 °F.

7.3. Specific end use(s)

Cleaner.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. National occupational exposure and biological limit values

ethanol (64-17-5)	_	_
United Kingdom - Occupational Expo	ure Limits	
Local name	Ethanol	
WEL TWA (OEL TWA)	1920 mg/m³	

1000 ppm

Regulatory reference

EH40/2005 (Fourth edition, 2020). HSE

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

ethanol (64-17-5)

Long-term - systemic effects, dermal 8238 mg/kg bodyweight/day

Long-term - systemic effects, inhalation 380 mg/m³

DNEL/DMEL (General population)

Long-term - systemic effects, inhalation 114 mg/m³

PNEC (Water)

PNEC aqua (freshwater) 0.96 mg/l
PNEC aqua (marine water) 0.79 mg/l
PNEC aqua (intermittent, freshwater) 2.75 mg/l

PNEC (Sediment)

PNEC sediment (freshwater)

3.6 mg/kg dwt

PNEC sediment (marine water)

2.9 mg/kg dwt

PNEC (Soil)

PNEC soil 0.63 mg/kg dwt

PNEC (Oral)

PNEC oral (secondary poisoning) 380 mg/kg food

PNEC (STP)

PNEC sewage treatment plant 580 mg/l

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

8.2.2. Personal protection equipment

8.2.2.1. Eye and face protection

Eye protection:

Safety glasses. EN 166.

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing.

Hand protection:

Protective gloves. ISO 374-1. The recommendation is only valid for the supplied product and the stated application. Special working conditions, like heat or mechanical strain, which deviate from the test conditions, can reduce the protective effect provided by the recommended glove

Material	Permeation	Thickness (mm)	Comments
Viton	6 (> 480 minutes)	0,7	Glove recommendation: Vitoject® 890 (Kächele-Cama GmbH, source of supply see www.kcl.de) or comparable product.
In case of splash contact: Viton	6 (> 480 minutes)	0,7	Glove recommendation: Vitoject® 890 (Kächele-Cama GmbH, source of supply see www.kcl.de) or comparable product.

Other skin protection

Materials for protective clothing:

Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. DIN EN 141. Filter type: A

8.2.2.4. Thermal hazards

Thermal hazard protection:

Wear appropriate thermal protective clothing, when necessary.

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases.

Consumer exposure controls:

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Other information:

Wear suitable protective clothing.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Colour : Colourless. Clear.

Appearance : Aerosol.

Odour : Characteristic.

Odour threshold : Not available

Melting point : Not applicable

Freezing point : Not available

Boiling point : 78 °C

Flammability : Not available

Explosive properties : Pressurised container: May burst if heated.

Oxidising properties : Non oxidizing. : Not available **Explosive limits** Lower explosive limit (LEL) : 3.5 vol % Upper explosive limit (UEL) : 15 vol % : 35 °C Flash point Auto-ignition temperature : Not available Decomposition temperature : Not available Ignition temperature : 400 °C

pH : 8.5 @ 20 °C (DIN 19268)

Viscosity, kinematic : Not available
Solubility : Soluble in water.
Log Kow : Not available
Vapour pressure : Not available
Vapour pressure : Not available
Vapour pressure : Not available

Density : 0.97 g/cm³ @ 20 °C (DIN 51757)

Relative density : Not available
Relative vapour density at 20°C : Not available
Particle size : Not applicable
Particle size distribution : Not applicable
Particle shape : Not applicable

Particle aspect ratio : Not applicable
Particle aggregation state : Not applicable
Particle agglomeration state : Not applicable
Particle specific surface area : Not applicable
Particle dustiness : Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

% of flammable ingredients : 20 %

9.2.2. Other safety characteristics

VOC content : 19.6 %

SECTION 10: Stability and reactivity

10.1. Reactivity

Pressurised container: May burst if heated.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

Oxidising agents. Pyrophoric or self-heating substances.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

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

Acute toxicity (oral) : Based on available data, the classification criteria are not met
Acute toxicity (dermal) : Based on available data, the classification criteria are not met
Acute toxicity (inhalation) : Based on available data, the classification criteria are not met
Skin corrosion/irritation : Based on available data, the classification criteria are not met

pH: 8.5 @ 20 °C (DIN 19268)

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

pH: 8.5 @ 20 °C (DIN 19268)

Respiratory or skin sensitisation

: Based on available data, the classification criteria are not met Germ cell mutagenicity

: Based on available data, the classification criteria are not met Carcinogenicity

: Based on available data, the classification criteria are not met Reproductive toxicity

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

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

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

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

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

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

Cabin Filter Housing Cleaner

Vaporizer Aerosol

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

11.2.2. Other information

Potential adverse human health effects and symptoms : Occupational exposure to the substance or mixture may cause adverse effects, Information on

Effects: refer to section 4

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not classified as environmentally hazardous. However, this does not exclude the

possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Hazardous to the aquatic environment, short-term

(acute)

: Based on available data, the classification criteria are not met

Hazardous to the aquatic environment, long-term

(chronic)

: Based on available data, the classification criteria are not met

12.2. Persistence and degradability

Cabin Filter Housing Cleaner

Persistence and degradability	No additional information available.	
ethanol (64-17-5)		
Persistence and degradability	(OECD 301D method). 80 % - 85 % biodegradation.	

12.3. Bioaccumulative potential

Cabin Filter Housing Cleaner

Bioaccumulative potential	No additional information available.	
ethanol (64-17-5)		
Log Kow	-0.35 at 20 °C	

12.4. Mobility in soil

Cabin Filter Housing Cleaner

Ecology - soil No additional information available.

12.5. Results of PBT and vPvB assessment

Cabin Filter Housing Cleaner

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII.

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII.

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

Other adverse effects : No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this product

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional waste regulation	: Empty containers or liners may retain some product residues. This material and its container must
	be disposed of in a safe manner (see: Disposal instructions). Dispose of in accordance with local
	regulations.
Waste treatment methods	: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow
	this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches
	with chemical or used container. Dispose of contents/container in accordance with licensed
	collector's sorting instructions.

local regulation.

Product/Packaging disposal recommendations

: Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken for recycling, recovery or waste in accordance with

Additional information

: Dispose in accordance with all applicable regulations.

European List of Waste (LoW, EC 2000/532)

: The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

16 05 04* - gases in pressure containers (including halons) containing dangerous substances 15 01 10* - packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

14.1. UN number or ID number

 UN-No. (ADR)
 : UN 1950

 UN-No. (IMDG)
 : UN 1950

 UN-No. (IATA)
 : UN 1950

 UN-No. (ADN)
 : UN 1950

 UN-No. (RID)
 : UN 1950

14.2. UN proper shipping name

Proper Shipping Name (ADR) : AEROSOLS
Proper Shipping Name (IMDG) : AEROSOLS

Proper Shipping Name (IATA) : Aerosols, non-flammable

Proper Shipping Name (ADN) : AEROSOLS
Proper Shipping Name (RID) : AEROSOLS

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : 2.2
Danger labels (ADR) : 2.2

IMDG

Transport hazard class(es) (IMDG) : 2.2
Danger labels (IMDG) : 2.2

IATA

Transport hazard class(es) (IATA) : 2.2 Hazard labels (IATA) : 2.2

ADN

Transport hazard class(es) (ADN) : 2.2
Danger labels (ADN) : 2.2

RID

Transport hazard class(es) (RID) : 2.2
Danger labels (RID) : 2.2

14.4. Packing group

Packing group (ADR) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable
Packing group (ADN) : Not applicable
Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No Marine pollutant : No

Other information : No supplementary information available.

14.6. Special precautions for user

Overland transport

Classification code (ADR) : 5A

Special provisions (ADR) : 190, 327, 344, 625

Limited quantities (ADR) : 11
Packing instructions (ADR) : P207
Tunnel restriction code (ADR) : E

Transport by sea

Special provisions (IMDG) : 63, 190, 277, 327, 344, 381, 959

Limited quantities (IMDG) : SP277
Packing instructions (IMDG) : P207, LP200

EmS-No. (Fire): F-DEmS-No. (Spillage): S-UStowage category (IMDG): None

Air transport

PCA Excepted quantities (IATA) : E0
PCA Limited quantities (IATA) : Y203
PCA limited quantity max net quantity (IATA) : 30kgG
PCA packing instructions (IATA) : 203
PCA max net quantity (IATA) : 75kg
CAO packing instructions (IATA) : 203
CAO max net quantity (IATA) : 150kg

Special provisions (IATA) : A98, A145, A167, A802

ERG code (IATA) : 2L

Inland waterway transport

Classification code (ADN) : 5A

Special provisions (ADN) : 190, 327, 344, 625

Limited quantities (ADN) : 1 L

Rail transport

Classification code (RID) : 5A

Special provisions (RID) : 190, 327, 344, 625

Limited quantities (RID) : 1L
Packing instructions (RID) : P207, LP200

Hazard identification number (RID) : 20

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

EU restriction list (REACH Annex XVII)

Reference code Applicable on 3(b) ethanol 40. ethanol

3(a) Cabin Filter Housing Cleaner; ethanol Contains no substance(s) listed on the REACH Candidate List

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

VOC content : 19.6 %

Other information, restriction and prohibition regulations: Directive 98/24/EC on the protection of the health and safety of workers from the risks related to

chemical agents at work, as amended. Directive 94/33/EC on the protection of young people at work, as amended. Directive 92/85/EEC on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding as amended. For details, refer to section 3 and

8.

Directive 2012/18/EU (SEVESO III)

Seveso Additional information : Not applicable

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Product name. Composition/information on ingredients. SECTION 7. SECTION 8. Section 9.

Abbreviations and acronyms

ADN European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

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

ATE Acute Toxicity Estimate
BCF Bioconcentration factor
BLV Biological limit value

BOD Biochemical oxygen demand (BOD)
COD Chemical oxygen demand (COD)
DMEL Derived Minimal Effect level
DNEL Derived-No Effect Level
EC-No. European Community number
EC50 Median effective concentration

EN European Standard

 IARC
 International Agency for Research on Cancer

 IATA
 International Air Transport Association

 IMDG
 International Maritime Dangerous Goods

LC50 Median lethal concentration LD50 Median lethal dose

 LOAEL
 Lowest Observed Adverse Effect Level

 NOAEC
 No-Observed Adverse Effect Concentration

 NOAEL
 No-Observed Adverse Effect Level

 NOEC
 No-Observed Effect Concentration

OECD Organisation for Economic Co-operation and Development

OEL Occupational Exposure Limit
PBT Persistent Bioaccumulative Toxic
PNEC Predicted No-Effect Concentration

RID Regulations concerning the International Carriage of Dangerous Goods by Rail

SDS Safety Data Sheet STP Sewage treatment plant

ThOD Theoretical oxygen demand (ThOD)

TLM Median Tolerance Limit

VOC Volatile Organic Compounds

CAS-No. Chemical Abstract Service number

N.O.S. Not Otherwise Specified

vPvB Very Persistent and Very Bioaccumulative

ED Endocrine disrupting properties

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of

 $16\ December\ 2008\ on\ classification,\ labelling\ and\ packaging\ of\ substances\ and\ mixtures,$ amending\ and\ repealing\ Directives\ 67/548/EEC\ and\ 1999/45/EC\ , and\ amending\ Regulation\ (EC)

No 1907/2006.

Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.

Full text of H- and EUH-statements

Aerosol 3 Aerosol, Category 3

Eye Irrit. 2 Serious eye damage/eye irritation, Category 2

Flam. Liq. 2 Flammable liquids, Category 2
H225 Highly flammable liquid and vapour.
H229 Pressurised container: May burst if heated.

H319 Causes serious eye irritation.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

Aerosol 3 H229

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

Attachment to the Safety Data Sheet



Productname: Cabin Filter Housing Cleaner

Ford Internal Ref.: 200932 Revision Date: 12.05.2024

Involved Products:

Finiscode Part Number Packaging

2 395 156 KU7J M99B187 AA 75 ml **Part of Kit**

2 789 808 RU7J M99B187 AA Cabin Filter Housing Cleaner (12)