



SAFETY DATA SHEET

FLOORWISE F594C NON-CHLORINATED TACKIFIER CANISTER 22L

SECTION 1; IDENTIFICATION OF THE SUBSTANCES/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name F594C
Product No. /FW-F594C

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

Identified uses Spray tackifier/adhesive

1.3. Details of the supplier of the data sheet

Supplier Floorwise Group Ltd
Floorwise House
22 High Street
Kegworth
Derby DE74 2DA

1.4. Emergency telephone number

+44 (0) 111

SECTION 2; HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and chemical hazards	Extremely Flam. Aerosol - H222; H229
Human health	Eye Irrit. 2 – H319; STOT SE 3 – H336 Skin Irrit 2 - H315; Asp tox 1 - H304
Environmental hazards	Aquatic chronic 3 – H412

The full text for all Hazard statements are displayed in Section 16.

2.2 Label Elements

Label in Accordance with (EC) No. 1272/2008

CONTAINS: Acetone
Hydrocarbons, C7,n-alkanes, isoalkanes,cyclics
Hydrocarbons, C6,isoalkanes, <5% n-hexane



Signal word`

Danger

Hazard statements

H222	Extremely flammable aerosol.
H229	Pressurized container; may burst if heated.

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

Precautionary Statements

P101	If medical advice needed, have product container or label at hand.
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources No Smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves and eye/face protection.
P337+313	If eye irritation persists: Get medical advice/attention.

Supplementary precautionary statements

P273	Avoid release to the environment.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician.
P331	Do NOT induce vomiting.
P302+P352	IF ON SKIN: Wash with plenty of water and soap.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes Remove contact lenses, if present and easy to do. Continue rinsing.
P370+378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P410+412	Protect from sunlight. Do not expose to temperatures Exceeding 50°C/122°F.
P501	Dispose of contents/container to an approved waste disposal plant.

Supplement label information

No data available

2.3. Other hazards

Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50°C.

Do not pierce or burn even after use. Do not spray on naked flame or any incandescent material –
NO SMOKING.

PBT & vPvB: This mixture does not contain any substance considered to be persistent, bioaccumulating, or toxic (PBT); nor does it contain any substance considered to be very persistent or very bioaccumulating (vPvB).

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.2 Mixtures**

ACETONE			25-35%
CAS-No.: 67-64-1	EC No.: 200-662-2 Index No:606-001-00-8	Registration number: 01-2119471330-49	
Classification (EC 1272/2008) Flam. Liq. 2 – H225 STOT SE 3 – H336 Eye irrit. 2 – H319			
PETROLEUM GASES LIQUIFIED			30-40%
CAS- No.: 68476-85-7	EC No.: 270-704-2		
Classification (EC 1272/2008) Flam. Gas 1- H220			

HYDROCARBONS, C7,N-ALKANES, ISOALKANES, CYCLICS		20-30%
CAS No:	EC No: 927-510-4	Registration number:01-2119475515-33-xxxx
Classification (EC 1272/2008)		
STOT SE 3 - H336		
Asp. Tox. 1 - H304		
Skin Irrit. 2 - H315		
Aquatic Chronic 3 - H412		
EHTYL ALCOHOL		1-2%
CAS No: 64-17-5	EC No: 200-278-6	
Classification (EC 1272/2008)		
Flam Liq. 2 - H225		
Eye Irrit 2: H319		

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

This product does not contain any candidate substances of very high concern at a concentration of $\geq 0.1\%$.

Regulation (EC) 1907/2006 (REACH), Article 59.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General information

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

Inhalation

Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

Ingestion

DO NOT induce vomiting. Get medical attention immediately

Skin contact

Wash the skin immediately with soap and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if any discomfort continues

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling section 2.2, and/or in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Extinguishing media

Fire can be extinguished using: foam; carbon dioxide; dry powder

5.2 Special hazards arising from the substance or mixture

Unusual fire & Explosion hazards

Aerosol cans may explode in fire.

5.3 Advice for firefighters

Wear self contained breathing apparatus

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid skin and eye contact. Ensure adequate ventilation. Avoid breathing vapours, mist or gas. Wear personal protective equipment (see section 8).

6.2 Environmental precautions

Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environment Agency or other regulatory body. Do not discharge into drains or watercourses or onto the ground.

6.3 Methods and material for containment and cleaning up

Provide ventilation and confine spill. Do not allow runoff to sewer. Absorb in vermiculite, dry sand or earth, and place into containers.

6.4 Reference to other sections

Wear protective clothing as described in section 8 of this safety data sheet.

SECTION 7: HANDLING AND STORAGE**7.1 Precautions for safe handling**

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

7.2. Conditions for safe storage, including any incompatibilities

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

7.3 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**

Name	STD	TWA – 8 Hrs		STEL – 15 Min		Notes
ACETONE	WEL (UK & Ireland)	500 ppm	1210 mg/m ³	1500 ppm	3620 mg/m ³	EH40/2005 4 th EDITION 2020
PETROLEUM GASES LIQUIFIED	WEL	1000 ppm	1750 mg/m ³	1250 ppm	2180 mg/m ³	EH40/2005 4 th EDITION 2020

WEL= WORKPLACE EXPOSURE LIMITS EH40/2005 4th EDITION 2020

Derived No Effect Level (DNEL).**Acetone (67-64-1)**

Type	Exposure Route	Derived No effect Level	Safety Factor
Long Term Systemic health effects Worker	Dermal	186 mg/kg bw/d	
Short Term Local Health effects Worker	Inhalation	2420 mg/m ³	
Long Term Systemic health effects Worker	Inhalation	1210 mg/m ³	

Hydrocarbons, C7,n-alkanes, isoalkanes,cyclics

Type	Exposure Route	Derived No effect Level	Safety Factor
Long Term Systemic health effects Worker	Inhalation	2085 mg/m ³	
Long Term Systemic health effects Worker	Dermal	300 mg/kg bw/d	

Acetone (67-64-1)

Type	Exposure Route	Derived No effect Level	Safety Factor
Long Term Systemic health effects	Inhalation	200 mg/m ³	

Consumer			
Short Term Local Health effects Consumer	Dermal	62 mg/kg bw/d	
Long Term Systemic health effects Consumer	Oral	62 mg/kg bw/d	

Hydrocarbons, C7,n-alkanes, isoalkanes,cyclics

Type	Exposure Route	Derived No effect Level	Safety Factor
Long Term Systemic health effects Consumer	Inhalation	447 mg/m ³	
Short Term Local Health effects Consumer	Dermal	6149mg/kg bw/d	
Long Term Systemic health effects Consumer	Oral	149 mg/kg bw/d	

Predicted No effect Concentration (PNEC)Acetone (67-64-1)

Environmental Compartment	Predicted No effect Concentration (PNEC)
Freshwater	10.6 mg/l
Freshwater - intermittent	21 mg/l
Marine water	1.06 mg/l
Microorganisms in sewage treatment	100 mg/l
Freshwater sediment	30.4 mg/kg dry weight
Marine water	3.04 mg/kg dry weight
Soil	29.5mg/kg dry weight

8.2 Exposure control**Protective equipment****Engineering measures****Appropriate engineering**

Observe any occupational exposure limits for the product or ingredients. As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist.

Eye/face protection

Chemical splash goggles or face shield. Use equipment for eye protection tested and approved under appropriate government standards such as EN 166(EU).

Hand protection

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. Nitrile rubber.

Other skin and body protection

Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Wear protective clothing.

Respiratory protection**controls**

If ventilation is inadequate, suitable respiratory protection must be worn. Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Use respirators and components tested and approved under appropriate government standards such as CEN (EU).

Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

(a) Physical State	Liquid
(b) Appearance	Canister/Aerosol.
(c) Colour	Amber
(d) Odour	Characteristic
(e) Odour Threshold	No data available
(f) Melting point/freezing point	No data available
(g) Initial boiling point and boiling range	Not applicable - aerosol
(h) Flammability (solid gas)	Not applicable for liquids
(i) Upper/lower flammability Or explosive limits	No data available
(j) Flash Point	Not applicable – aerosol
(k) Auto-ignition temperature	No data available
(l) Decomposition temperature	Not applicable – insoluble in water
(m) pH as gaseous solution	No data available
(n) Kinematic Viscosity	No data available
(o) Dynamic Viscosity	No data available
(p) Water solubility	No data available
(q) Solubilities	No data available
(r) Partition coefficient	No data available
(s) Vapour pressure	No data available
(t) Relative density	0.79 (Adhesive only)
(u) Relative Vapour Density	No data available
(v) Particle characteristics	
Particle Size	No data available
Particle size distribution	No data available

9.2 Other information

VOC: 569gm/ltr

9.2.1 Information with regards to physical hazards classes

Not applicable

9.2.2 Other safety characteristics

No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Not applicable

10.2 Chemical stability

Avoid heat, sparks, and flames, stable under normal conditions.

10.3 Possibility of hazardous reactions

Heating may cause an increase in can pressure leading to bursting

10.4 Conditions to avoid

Avoid heat, flames and other sources or ignition. Avoid contact with: Strong oxidising agents, Strong alkalis and Strong mineral acids.

10.5 Incompatible materials

Materials to avoid

Strong acids, strong oxidising substances and strong alkalis.

10.6 Hazardous decomposition products

No data available

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acetone

Acute Toxicity

Oral

LD₅₀ Oral – Rat - >5,800 mg/kg

Inhalation

LD₅₀ Inhalation – Rat – 4h - 76 mg/l - vapour

Skin corrosion/irritation

Skin – Rabbit

Result: Mild skin irritation – 24 h

(Draize Test)

Eye contact

Eyes – Rabbit

Result: Irritating to eyes – 24 hr

(Draize Test)

Carcinogenicity

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP or EPA classification.

Specific Target Organ Toxicity – Single Exposure

No data available

Specific Target Organ Toxicity – Repeated Exposure

No data available

Aspiration Hazard

No data available.

Hydrocarbons, C7,n-alkanes, isoalkanes,cyclics

Acute Toxicity

Oral

LD₅₀ Oral – Rat - >5,840 mg/kg

Inhalation

LD₅₀ Inhalation – Rat – 23300 mg/m³

Skin corrosion/irritation

LD₅₀ Dermal – Rat - >2,920 mg/kg

Ethyl Alcohol:

Acute Toxicity

Oral

LD₅₀ Oral – Rat 10,470 mg/kg

Inhalation

LD₅₀ Inhalation – Rat 30,000 mg/l – 4 h

Skin corrosion/irritation

LD₅₀ Dermal – Rabbit 15,800 mg/kg

Other Information

Germ Cell Mutagenicity: Based upon available data, the classification criteria are not met.
 Carcinogenicity: Based upon available data, the classification criteria are not met.
 Reproductive Toxicity: Based upon available data, the classification criteria are not met.
 STOT - Single Exposure: May cause drowsiness or dizziness.
 STOT – Repeated Exposure: Based upon available data, the classification criteria are not met.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

No information available.

11.2.2 Other Information

Other adverse effects: No information available

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Not regarded as dangerous to the environment. However, contamination of the aquatic or terrestrial environments should be avoided

12.1 Toxicity

Acetone`

Toxicity to fish LC50 – Oncorhynchus mykiss (rainbow trout) – 5.540 mg/l – 96 hr
 OECD Test guideline 203
 Toxicity to daphnia and other
 Aquatic invertebrates: EC50 – Daphnia magna (Water flea) – 8,800 mg/l – 48 hr
 ECHA
 Toxicity to algae NOEC – M.aeruginosa – 530 mg/l – 8 d
 DIN 38412

Hydrocarbons, C7,n-alkanes, isoalkanes,cyclics

Toxicity to fish LL50 - Oncorhynchus mykiss (rainbow trout) – >13.4 mg/l – 96 hr
 OECD Test guideline 203
 Toxicity to daphnia and other
 Aquatic invertebrates: EC50 – Daphnia magna (Water flea) – 3.0 mg/l – 48 hr
 ECHA
 Toxicity to algae EL50 – Pseudokirchneriella subcapitata – 10-30 mg/l – 72 h
 DIN 38412

Ethyl alcohol

Toxicity to fish LC55 – Primephales promelas (Fathead minnow) – 14,200 mg/l – 96 h
 Toxicity to daphnia and other
 Aquatic vertebrates LC50 – Ceriodaphnia dubia (Water flea) - 5,012 mg/l – 48 h
 Toxicity to algae EC50 – Chlorella vulgaris (Fresh water algae) - 275 mg/l – 72 h
 (OECD Test Guidelines 201)

12.2 Persistence and degradability

Biodegradability No data available

12.3 Bio accumulative potential

Does not bioaccumulate

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB Assessment

Contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine Disrupting Properties

No data available

12.7 Other adverse effects

None known

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

14.1 UN Number

UN No (ADR/RID/ADN)	3501
UN No (IMDG)	3501
UN NO (ICAO)	3501

14.2 UN Proper Shipping Name

ADR/IMDG/AND/RID	CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (Methylene Chloride)
IATA	CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. . (Methylene Chloride)

14.3 Transport Hazard Class(es)

ADR/RID/ADN Class	2.1
ADR/RID/ADN Class	Class 2: Gases
ADR Label No	2.1
IATA	2.1
IMDG Class	2.1
ICAO Class/Division	2.1
ICAO Subsidiary Risk	-
Air Class	2.1
UK Road Class	2.1
Transport Labels	Flam Gas 2



14.4 Packing Group

Not Applicable

14.5 Environmental Hazards

Dangerous for the environment	Not Classified
Marine pollutant	No
Other information	No supplementary information available

14.6 Special Precautions for user

Overland Transport

Classification Code (ADR):	6F
Special Provisions (ADR):	274
Limited Quantities (ADR):	0 - NOT ALLOWED
Excepted Quantities (ADR):	E0 – NOT ALLOWED
Packing Instructions (ADR):	P206

Special Packing provisions (ADR):	PP89
Mixed Packing provisions (ADR):	MP9
Transport Strategy (ADR):	2
Special provisions for carriage – Packages (ADT)	V14
Special Provisions for carriage – Loading, unloading and handling (ADR):	CV9, CV10, CV12, CV36
Special provisions for carriage – Operation (ADR):	S2
Tunnel Restriction Code:	(B/D)
<u>Transport by Sea</u>	
Special Provisions (IMDG):	274
Limited Quantities (IMDG):	0 - NOT ALLOWED
Excepted Quantities (IMDG):	E0 – NOT ALLOWED
Packing Instructions (IMDG):	PP89
Special Packing provisions (IMDG):	Not Applicable
EmS-No (Fire):	F-D
EmS-No (Spillage):	S-U
Stowage category (IMDG):	None
Stowage and Handling (IMDG):	Category D SW2
Segregation (IMDG):	Not Applicable
MFAG-No:	126

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

Not applicable

Section 15. Regulatory information

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

Labelling according to Regulation (EC) No 1272/2008

The chemicals (Hazard information and packaging for supply) regulations 2009 (S.I 2009 No. 716). Control of substances hazardous to health.

Approved code of practice.

Guidance notes

Workplace exposure limits EH40.

15.1.1 EU-Regulations

Contains no REACH substances with Annex XVII restrictions.

Contains no REACH Annex XIV substances.

15.1.2 National Regulations

No additional information available.

SECTION 16: OTHER INFORMATION

General information

This product should be used as directed. For further information consult the product data sheet or contact technical services.

Information sources

This safety data sheet was compiled using current safety information supplied by distributor raw materials.

Revision comments

This safety data sheet supersedes all previous issues and users are cautioned to ensure that it is current. Destroy all previous data sheets and if in doubt contact Floorwise Group Ltd.

Hazard statements in full

H220	Extremely flammable gas
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour
H304	May be fatal if swallowed and enters airways.

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness
H412	Harmful to aquatic life with long lasting effects.

Abbreviations

Eye Irrit 2	Eye Irritant Category 2
Asp Tox 1	Aspiration toxicity Category 1
Flam Liq 2	Flammable liquid Category 2
Flam Gas 1	Flammable Gas Category 1
Aquatic Chronic 1	Aquatic Toxicity Category 1
EUH066	Repeated exposure may cause skin dryness or cracking.
STOT SE 3	Specific Target Organ Toxicity Single Exposure Category 3

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DISCLAIMER

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. This datasheet replaces all former versions.