SAFETY DATA SHEET according to regulation (EC) No.1907/2006

SECTION 1: Identification of the substance/mixture and company

1.1. Product Identifier

Product code: CF940

Name: Stykra EXT Surface Cleaner

1.2. Product Uses

1.3. Supplier

Sign Trade Supplies
Britannia House
Granville Road
Maidstone
Kent
ME142BJ

01622 689410
www.signtradesupplies.co.uk
orders@signtradesupplies.co.uk

1.4. Emergency telephone number

Emergency telephone number: 01332 292402

SECTION 2: Hazards identification (Undiluted product)

2.1. Classification of the mixture

According to 1272/2008

Health Hazards: Asp. Tox. 1, Eye Irrit. 2, Skin Irrit. 2, STOT SE 3

Physical Hazards: Flam. Liq. 2

Environmental Hazards: Aquatic Chronic 2

2.2. Label elements

According to 1272/2008

Danger

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
H411 Toxic to aquatic life with long lasting effects
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P271 Use only outdoors or in a well-ventilated area. P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P260 Do not breathe mist/vapours/spray.
P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

2.3. Other hazards

SECTION 3: Composition/ information on ingredients

Material	CAS number	Level	Hazards (see section 16)	
Hydrocarbons C6-& n-alkanes, isoalkanes, cyclics	921-024-6	55-100%	Aquatic Chronic 2, Asp. Tox. 1, Flam. Liq. 2, Skin Irrit. 2, STOT SE 3	H225 H315 H336 H304 H411
Propan-2-ol	67-63-0	10-40%	Eye Irrit. 2, Flam. Liq. 2, STOT SE 3	H225 H319 H336
Acetone	67-64-1	10-40%	Eye Irrit. 2, Flam. Liq. 2, STOT SE 3	H225 H319 H336
n-Hexane	110-54-3	1-6%	Aquatic Chronic 2, Asp. Tox. 1, Flam. Liq. 2, Repr. 2, Skin Irrit. 2, STOT RE 2, STOT SE 3	H225 H315 H361F H336 H373 H304 H411

SECTION 4: First aid measures

4.1. Description of first aid measures

Eye contact: Immediately flush eyes with water, holding eyelids apart, for at least 10 minutes. Seek medical assistance immediately.

Skin contact: Remove contaminated clothing, wash skin with soap and water. Seek medical attention if irritation persists.

Inhalation: In case of overexposure, remove to fresh air, keep warm and at rest, seek medical assistance immediately.

Ingestion: Do not induce vomiting. Seek medical assistance immediately.

First aider PPE: As required to prevent contact. See section 8.2.

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

Eye hazard: Will cause irritation.

Skin hazard: Will cause irritation.

Respiratory hazard: Excessive exposure may cause irritation of the respiratory tract, headache, dizziness and nausea.

Other hazards: Main danger is lung damage by aspiration.

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

No special treatment or attention required additional to section 4.2.

SECTION 5: Fire fighting measures

Flammability hazard: Highly flammable.

5.1. Extinguishing media

Use foam, dry powder or carbon dioxide.

5.2. Special hazards arising from the mixture

May produce toxic fumes under extreme heating in fire. Forms explosive mixtures with air. May travel considerable distance to source of ignition

5.3. Advice for firefighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Take precautions to avoid contact. Use Personal Protective Equipment as detailed in section 8

Exclude sources of ignition, provide ventilation. Spillage may make floors slippery. Keep the area clear. Observe regulations.

6.2. Environmental precautions

Prevent spills from entering water courses.

6.3. Methods and material for containment and cleaning up

Exclude sources of ignition, provide ventilation.

Absorb using sand or other inert material and transfer to suitable containers for disposal.

6.4. Reference to other sections

Observe the advice given in sections 8 and 13

SECTION 7: Handling and storage

Shelf life: 24 months in original sealed containers.

7.1. Precautions for safe handling

Do not mix with other products. Observe good industrial hygiene.

Keep away from sources of ignition. Provide ventilation.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool, dry place protected from frost and away from acids, strong oxidising agents and sources of ignition. Store upright in original containers. Recommended storage temperature 5-25°C.

7.3. Product Uses

Wipe over the area to be prepared as necessary. Dispose of used wipers carefully - fire hazard.
Please refer to product safety data sheet before use. Use only as directed.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits

Acetone	500ppm	WEL 8 hour TWA (UK EH40)
n-Hexane	72mg/m³	WEL 8 hour TWA (UK EH40)
Propan-2-ol	400ppm	WEL 8 hour TWA (UK EH40)

8.2. Exposure controls

These measures are suggested on the basis of general use methods and may not be appropriate to all potential uses of the product. The user is responsible for carrying out a full risk assessment of their specific processes and systems of work.

Eye protection:	Wear eye protection appropriate to the process according to BS EN 166.
Hand protection:	Wear nitrile or neoprene gloves. Exact choice of glove depends on specific risk assessments.
Body protection:	As necessary to prevent contact.
Respiratory protection:	Use in a well ventilated area. Avoid breathing vapour or spray. Wear a respirator if necessary.
Other protection:	LEV should be considered for large or frequent use.

Personal protective equipment:

Exact PPE requirements should be determined from a specific risk assessment of the processes being carried out.

Environmental protection: Prevent mixture from entering water courses.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance: Colourless liquid

Odour: Characteristic

pH (typical): Not applicable

Initial boiling point: 63-100ºC.

Flash point: <0ºC.

Auto-ignition temp: ~200°C.

Viscosity: Free flowing.

Explosive properties: No data

Oxidising properties: None.

Vapour pressure: No data

Solubility: Approximately 20% in water

Relative density at 20° C (typical): 0.72

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity Incompatible with strong oxidising agents and acids.

10.2. Chemical stability Stable under recommended storage conditions.

10.3. Possibilty of hazardous reactions No hazardous reactions are expected to occur.

10.4. Conditions to avoid Extremes of temperature, flames, sources of ignition.

10.5. Incompatible materials Incompatible with strong oxidising agents and acids.

10.6. Hazardous decomposition products May produce toxic fumes in fire.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity:	Based on available data, the classification criteria are not met.
Skin corrosion/ irritation:	Mixture is classified as Skin Irrit. 2. See section 2.
Serious eye damage/ irritation:	Mixture is classified as Eye Dam. 1. See section 2.
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:	Mixture is classified as STOT SE 3. See section 2.
STOT repeated exposure:	Based on available data, the classification criteria are not met.
Aspiration toxicity:	Mixture is classified as Asp Tox. 1. See section 2.

Routes of exposure/ symptoms

Eye contact:	Will cause irritation.
Skin contact:	Will cause irritation.
Inhalation:	Excessive exposure may cause irritation of the respiratory tract, headache, dizziness and nausea.
Ingestion:	Low toxicity. Main danger is of aspiration.

SECTION 12: Ecological information

12.1. Toxicity May affect aquatic organisms due to hydrocarbon content if released into water courses untreated.

12.2. Persistence and degradability Toxic to aquatic life with long lasting effects

12.3. Bioaccumulative potential Not expected to bioaccumulate

12.4. Mobility in soil This product has no water solubility

12.5. Results of PBT and vPvB assessment Contains no ingredients classified as PBT or vPvB.

12.6. Other adverse effects No other adverse effects are anticipated.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of surplus product and packaging via a licenced chemical waste contractor.

Dispose of used cloths carefully - fire hazard.

SECTION 14: Transport information

14.1. UN number 1993 **14.2. UN proper shipping name** FlammableLiquid, N.O.S.

14.3. Transport hazard class(es) 3 **14.4. Packing group** 2

14.5. Environmental hazards

14.6. Special precautions for user No specific precautions.

14.7. Transport in bulk according to Annex II of MARPOL 7 3/78 and the IBC Code Not available for bulk transport.

SECTION 15: Regulatory information

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

Contents according to (EC) regulation No.648/2004 on detergents:

15.2. Chemical safety assessment A chemical safety assessment has not been carried out.

SECTION 16: Other information

Hazard statements relating to ingredients (see section 3)
H225 Highly flammable liquid and vapour
H315 Causes skin irritation
H336 May cause drowsiness or dizziness
H304 May be fatal if swallowed and enters airways
H411 Toxic to aquatic life with long lasting effects
H319 Causes serious eye irritation
H361f Suspected of damaging fertility.
H373 May cause damage to organs through prolonged or repeated exposure