



SCREEN WASH - WINTER PREMIUM

SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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

1.1. Product identifier

Trade name	Screen Wash - Winter Premium
Product code	Ford Internal Ref.: 175670
SDS Number	7748
Type of product	Detergent
Product use	Public use

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

Relevant identified uses	Windscreen cleaner
Uses advised against	No additional information available.

1.3. Details of the supplier of the safety data sheet

Supplier	Distributor
Ford-Werke GmbH Edsel-Ford-Str. 2-14 50769 Cologne Germany +49 221 90-33333 sdseu@ford.com	Ford Motor Company Ltd. Parts Distribution Centre Royal Oak Way South NN11 8NT Daventry, Northants United Kingdom +44 1327 305 198

1.4. Emergency telephone number

+49 (0) 6132-84463 (GBK GmbH – 24/7)

2. SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008

Physical hazards	Flammable liquids, Category 2	H225	Highly flammable liquid and vapour.
Health hazards	Serious eye damage/eye irritation, Category 2	H319	Causes serious eye irritation.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008

Hazard pictograms



Signal word

Danger

Hazard statements

H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.

Precautionary statements

General

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
Prevention	
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280	Wear eye protection, face protection, protective gloves.
Response	
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
Disposal	
P501	Dispose of contents/container to an approved waste disposal plant.

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.

3. 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	Notes
ethanol	64-17-5 200-578-6 603-002-00-5 01-2119457610-43-XXXX	50 - < 60	Flam. Liq. 2, H225 Eye Irrit. 2, H319	(C >= 50) Eye Irrit. 2, H319

Full text of H-statements: see section 16

4. SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
Inhalation	Remove person to fresh air and keep comfortable for breathing. Get medical attention if symptoms occur.
Skin contact	Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.
Eyes contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Get medical attention if symptoms occur. Rinse mouth thoroughly.

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

Symptoms/effects after eye contact Eye irritation.

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

Treat symptomatically.

5. 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

Fire hazard	Highly flammable liquid and vapour.
Hazardous combustion products	During fire, gases hazardous to health may be formed. Carbon oxides (CO, CO ₂).

5.3. Advice for firefighters

Firefighting instructions	Move containers from fire area if it can be done without personal risk.
Protection during firefighting	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Emergency procedures	Avoid contact with skin and eyes. Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
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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".
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6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

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.
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Other information	The product is immiscible with water and will spread on the water surface. Prevent entry into waterways, sewer, basements or confined areas.
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6.4. Reference to other sections

For further information refer to section 13.

7. SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Avoid contact with skin and eyes.
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Hygiene measures	Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
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7.2. Conditions for safe storage, including any incompatibilities

Technical measures	Ground/bond container and receiving equipment.
Storage conditions	Store in a well-ventilated place. Keep cool. Keep container tightly closed.

7.3. Specific end use(s) Windscreen cleaner.

8. SECTION 8: Exposure controls/personal protection

8.1. Control parameters

United Kingdom

Regulation	Substance	Type	Value
EH40. HSE	Propane-1,2-diol (57-55-6)	WEL TWA	10 mg/m ³
	ethanol (64-17-5)	WEL TWA	1920 mg/m ³
	Ethanol	WEL TWA	1000 ppm
	glycerine (56-81-5) Glycerol	WEL TWA	10 mg/m ³ mist

DNEL: Derived no effect level

No data available

Components	Type	Route	Value	Form
ethanol (64-17-5)	Worker	Dermal	343 mg/kg bodyweight/day	Long-term - systemic effects
		Inhalation	950 mg/m ³	Long-term - systemic effects
		Inhalation	1900 mg/m ³	Long-term - local effects
	Consumer	Oral	87 mg/kg bodyweight/day	Long-term - systemic effects
		Inhalation	114 mg/m ³	Long-term - systemic effects
		Dermal	206 mg/kg bodyweight/day	Long-term - systemic effects
		Inhalation	950 mg/m ³	Long-term - local effects

PNEC: Predicted no effect concentration

No data available

Components	Type	Route	Value	Form
ethanol (64-17-5)	Not applicable.	Freshwater	0.96 mg/l	
		Seawater	0.79 mg/l	
		Freshwater	2.75 mg/l	Intermittent release
		sediment	3.6 mg/kg dwt	Freshwater
		sediment	2.9 mg/kg dwt	Seawater
		Soil	0.63 mg/kg dwt	
		Oral	380 mg/kg food	Secondary Poisoning
		STP	580 mg/l	

8.2. Exposure 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

Materials for protective clothing

Wear suitable protective clothing.

Individual protection measures, such as personal protective equipment (PPE)

Eye protection

Safety glasses with side shields

Skin protection

Hand protection

The protective gloves to be used must comply with the specification of EU directive 89/686/EC and the resultant standard EN374. The above given information is based on laboratory test in line with EN374. 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
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Butyl rubber	6 (> 480 minutes)	0.7	Glove recommendation: Butoject® 898 (Kächele-Cama GmbH, source of supply see www.kcl.de) or comparable product.
In case of splash contact: Nitrile rubber (NBR)	120 - 239 min	0.4	Glove recommendation: Camatril Velours® 730 (Kächele-Cama GmbH, source of supply see www.kcl.de) or comparable product.
Other protective 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.
Respiratory protection			In case of insufficient ventilation, wear suitable respiratory equipment
Thermal hazard protection			Wear appropriate thermal protective clothing, when necessary.
Environmental exposure controls			Inform appropriate managerial or supervisory personnel of all environmental releases.

9. SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Colour	Blue.
Odour	Characteristic.
Odour threshold	No data available
pH	9.3
Relative evaporation rate (butylacetate=1)	No data available
Melting point	Not applicable.
Freezing point	No data available
Boiling point	> 80 °C
Flash point	22 °C
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gas)	Not applicable.
Vapour pressure	No data available
Relative vapour density at 20 °C	No data available
Relative density	No data available
Density	0.92 g/cm ³ @ 20°C
Solubility	Soluble in water.
Log Pow	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available
Explosive properties	No data available
Oxidising properties	No data available
Explosive limits	No data available

9.2. Other information

VOC (EU)	58.2 %
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10. SECTION 10: Stability and reactivity

10.1. Reactivity	Highly flammable liquid and vapour.
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** No additional information available.
- 10.6. **Hazardous decomposition products** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. 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	Based on available data, the classification criteria are not met
Serious eye damage/irritation	Causes serious eye irritation.
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
Aspiration hazard	Based on available data, the classification criteria are not met

12. SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
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12.2. Persistence and degradability

No additional information available.

12.3. Bioaccumulative potential

No additional information available.

12.4. Mobility in soil

No additional information available.

12.5. Results of PBT and vPvB assessment

Screen Wash - Winter Premium

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. 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.
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13. SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	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.

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 local regulation.
Additional information	Flammable vapours may accumulate in the container.
European List of Waste (LoW) code	
15 01 10*	packaging containing residues of or contaminated by dangerous substances
20 01 13*	solvents

14. SECTION 14: Transport information

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

14.1. UN number

UN-No.	1170
UN-No. (IMDG)	1170
UN-No. (IATA)	1170
UN-No. (ADN)	1170
UN-No. (RID)	1170

14.2. UN proper shipping name

Proper Shipping Name	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Proper Shipping Name (IMDG)	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Proper Shipping Name (IATA)	Ethanol solution
Proper Shipping Name (ADN)	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Proper Shipping Name (RID)	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

14.3. Transport hazard class(es)

ADR	
Transport hazard class(es) (ADR)	3
Danger labels (ADR)	3

IMDG	
Transport hazard class(es) (IMDG)	3
Danger labels (IMDG)	3

IATA	
Transport hazard class(es) (IATA)	3
Hazard labels (IATA)	3

ADN	
Transport hazard class(es) (ADN)	3
Danger labels (ADN)	3

RID	
Transport hazard class(es) (RID)	3
Danger labels (RID)	3

14.4. Packing group

Packing group	II
Packing group (IMDG)	II
Packing group (IATA)	II
Packing group (ADN)	II
Packing group (RID)	II

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)	F1
Special provisions (ADR)	144, 601
Limited quantities (ADR)	1I
Packing instructions (ADR)	P001, IBC02, R001
Hazard identification number (Kemler No.)	33
Tunnel restriction code (ADR)	D/E

Transport by sea

Special provisions (IMDG)	144
Limited quantities (IMDG)	1 L
Packing instructions (IMDG)	P001
EmS-No. (Fire)	F-E
EmS-No. (Spillage)	S-D
Stowage category (IMDG)	A

Air transport

PCA Excepted quantities (IATA)	E2
PCA Limited quantities (IATA)	Y341
PCA limited quantity max net quantity (IATA)	1L
PCA packing instructions (IATA)	353
PCA max net quantity (IATA)	5L
CAO packing instructions (IATA)	364
CAO max net quantity (IATA)	60L
Special provisions (IATA)	A3, A58, A180
ERG code (IATA)	3L

Inland waterway transport

Classification code (ADN)	F1
Special provisions (ADN)	144, 601
Limited quantities (ADN)	1 L
Carriage permitted (ADN)	T

Rail transport

Classification code (RID)	F1
Special provisions (RID)	144, 601
Limited quantities (RID)	1L
Packing instructions (RID)	P001, IBC02, R001
Hazard identification number (RID)	33

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

Not applicable.

15. SECTION 15: Regulatory information

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

EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006

ethanol	3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008
Screen Wash - Winter Premium - ethanol	3(a) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F
Screen Wash - Winter Premium - ethanol	3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10
ethanol	40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC (EU)

58.2 %

Other information, restriction and prohibition regulations

Directive 94/33/EC on the protection of young people at work, as amended. 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. For details, refer to section 3 and 8.

REGULATION (EC) No. 648/2004 on detergents

Component	%
anionic surfactants	<5%
2-BROMO-2-NITROPROPANE-1,3-DIOL	
perfumes	
Seveso Information	P5c FLAMMABLE LIQUIDS Flammable liquids, Categories 2 or 3 not covered by P5a and P5b

National regulations

No additional information available.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

16. SECTION 16: Other information

Indication of changes

Section 1 - Section 16.

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.
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008.

DMEL	Derived Minimal Effect level.
DNEL	Derived-No Effect Level.
EC50	Median effective concentration.
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.
PBT	Persistent Bioaccumulative Toxic.
PNEC	Predicted No-Effect Concentration.
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail.
SDS	Safety Data Sheet.
STP	Sewage treatment plant.
TLM	Median Tolerance Limit.
vPvB	Very Persistent and Very Bioaccumulative.
OEL	Occupational Exposure Limit.
RRN	REACH Registration no..
CAO	Cargo Aircraft Only.
PCA	Passenger and Cargo Aircraft.

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

Eye Irrit. 2	Serious eye damage/eye irritation, Category 2.
Flam. Liq. 2	Flammable liquids, Category 2.
H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.

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

Flam. Liq. 2	H225	On basis of test data
Eye Irrit. 2	H319	Calculation method

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



Product Name: Screen Wash - Winter Premium
Ford Int. Ref. No.: 175670

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Involved Products:

	Finiscode	Part number	Container Size:
1.	1 388 446	5U7J 19C544 KA	60 l
2.	1 388 447	5U7J 19C544 LA	200 l
3.	1 920 080	FU7J 19C544 AA	250 ml
4.	1 920 083	FU7J 19C544 DA	500 ml
5.	1 920 086	FU7J 19C544 GA	1 l
Part of Kit:			
	1 920 088	FU7J 19G469 AB	Winter Kit