



SAFETY DATA SHEET

EXCEL SCREEN CLEAN (MORE THAN 500 ml)

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: EXCEL SCREEN CLEAN (MORE THAN 500 ml)

PART No.: B/ASE

APPLICATIONS: Screenwash fluid for use with water in windscreen washer bottles.

SUPPLIER: Decosol Ltd.,
Decosol House, Shelf,
Halifax,
West Yorkshire HX3 7JT

TEL: 01422 205111

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2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	EINECS No.	CAS No.	CONTENTS	SYMBOL	RISK (R No.)
ETHANOL	200-578-6	64-17-5	60-100 %	F	11
METHANOL	200-659-6	67-56-1	1-5 %	F, T	11, 23/24/25, 39/23/24/25
C10 ALCOHOL ETHOXYLATE			1-5 %	Xi	41
FATTY ALCOHOL ETHOXYLATE			1-5 %	Xi	36/38

The full text for all R-phrases are shown in section 16.

3 HAZARDS IDENTIFICATION

Highly flammable.

4 FIRST AID MEASURES

INHALATION: Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention. Get medical attention.

INGESTION: DO NOT induce vomiting. Get medical attention immediately. Promptly get affected personnel to drink large volumes of water to dilute the swallowed chemical.

SKIN: Rinse the skin immediately with lots of water.

EYES: Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use: Foam. Alcohol resistant foam. Dry chemicals, sand, dolomite etc.

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SPECIAL FIRE FIGHTING PROCEDURES:

Use water to keep fire exposed containers cool and disperse vapours. Move container from fire area if it can be done without risk.

UNUSUAL FIRE & EXPLOSION HAZARDS:

May explode when heated or when exposed to flames or sparks.

HAZARDOUS DECOMPOSITION PRODUCTS:

Fire creates: Vapors/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEANUP METHODS:

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Keep combustibles away from spilled material. Absorb with inert, damp, noncombustible material, then flush area with water.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS:

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact.

USAGE DESCRIPTION:

Empty contents into windscreen washer bottle and dilute with water as instructed on container.

STORAGE PRECAUTIONS:

Flammable/combustible - Keep away from oxidizers, heat and flames. Keep containers tightly closed.

STORAGE CRITERIA:

Flammable liquid storage.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME	CAS No	STD	LT EXP (8 hrs)	ST EXP (15 min)
ETHANOL	64-17-5	OES	1000 ppm	No std.
METHANOL	67-56-1	OES	200 ppm(Sk)	250 ppm(Sk)

INGREDIENT COMMENTS:

OES = Occupational Exposure Standard.

PROTECTIVE EQUIPMENT:



PROTECTIVE GLOVES:

Chemical resistant gloves required for prolonged or repeated contact.

EYE PROTECTION:

Wear approved chemical safety goggles where eye exposure is reasonably probable.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear. Liquid.	COLOUR:	Blue.
ODOUR/TASTE:	Lemon. Alcohol.		
SOLUBILITY DESCRIPTION:	Miscible with water.		
BOILING POINT (°C):	~80 @ 760mmHg	MELTING POINT (°C):	-- 57
SPECIFIC GRAVITY (Water=1):	0.845 - 0.865 @ 20 °C	EVAPORATION RATE:	>1.92(BuAc=1)
VOLATILE BY VOL.(%):	80	pH-VALUE:	6.5 - 9.0
CONCENTRATION (%M):	10	FLASH POINT (°C):	19
FLASH POINT METHOD:	CC (Closed cup).		
AUTO IGNITION TEMPERATURE (°C):	>365	FLAMMABILITY LIMIT (lower %):	3.50
FLAMMABILITY LIMIT (upper %):	19		

10 STABILITY AND REACTIVITY

STABILITY:

SHELF LIFE: = 3 to 5 years

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CONDITIONS TO AVOID: Avoid heat, flames and other sources of ignition. Avoid contact with strong oxidisers.

MATERIALS TO AVOID: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:
Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

11 TOXICOLOGICAL INFORMATION

HEALTH WARNINGS: Gas or vapour is harmful on prolonged exposure or in high concentration. Irritant of eyes and mucous membranes. Narcotic effect. Repeated exposure may cause chronic eye irritation. Defatting, drying and cracking of skin.

MEDICAL SYMPTOMS: Irritation of eyes and mucous membranes. Dilated pupils. Rhinitis (inflammation of the nasal mucous membranes). Nausea, vomiting. Drowsiness, dizziness, disorientation, vertigo. Confusion, agitation and/or excitation.

12 ECOLOGICAL INFORMATION

DEGRADABILITY: Believed to be mostly biodegradable. Will slowly evaporate. Leaches from soil into ground water.

ACUTE FISH TOXICITY: LC50 not known.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Dispose of in accordance with Local Authority requirements. Do not allow runoff to sewer, waterway or ground.

14 TRANSPORT INFORMATION

LABEL FOR CONVEYANCE:



ROAD:

UN No:	1170	ADR CLASS No:	3
HAZARD CLASS (ADR):	Class 3: Flammable liquids.	HAZARD No. (ADR):	33
ADR PACK GR:	II	HAZCHEM CODE:	2YE
ADR LABEL No:	3		
CEFIC TEC(R) No:	30GF1-I+II		
PROPER SHIPPING NAME I:	ETHANOL SOLUTION		
ROAD TRANSPORT NOTES:	Requires UN Packaging and outer flammable sticker.		

RAIL:

RAIL TRANSPORT CLASS No:	3	RID PACK GR:	II
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SEA:

UN SEA:	1170	SEA TRANSPORT CLASS No:	3
SEA PACK GR:	II	EmS No.:	F-E, S-D
MFAG Table No:	See Guide	MARINE POLLUTANT:	No.

AIR:

UN AIR:	1170	AIR TRANSPORT CLASS No:	3
AIR PACK GR:	II		

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15 REGULATORY INFORMATION

LABEL FOR SUPPLY:



HIGHLY FLAMMABLE

RISK PHRASES:	R-11	Highly flammable.
SAFETY PHRASES:	S-16 S-2 S-46	Keep away from sources of ignition - No Smoking. Keep out of reach of children. If swallowed seek medical advice immediately and show this container label.
UK REGULATORY REFERENCES:	Carriage of Dangerous Goods by Road and Rail (Classification, Packaging and Labelling) Regulations as amended.	
STATUTORY INSTRUMENTS:	Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.	
APPROVED CODE OF PRACTICE:	Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations L62.	
GUIDANCE NOTES:	Occupational Exposure Limits EH40. CHIP for everyone HSG(108).	

16 OTHER INFORMATION

REVISION COMMENTS:	Revision of Safety Phrases. Transport data amended. Amendments to sections: 14, 15, 16.	
REVISION DATE:	02-2004	
REVISION No. /REPLACES SDS ISSUED:	6 / 05-2002 1167	
SDS No.:	1167	
R-PHRASES (Full Text):	R-11	Highly flammable.
	R-41	Risk of serious damage to eyes.
	R-23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
	R-36/38	Irritating to eyes and skin.
	R-39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.