



## SAFETY DATA SHEET CLEARVIEW

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	CLEARVIEW
PRODUCT NO.	037
APPLICATION	Screenwash
SUPPLIER	Autosmart International Ltd Lynn Lane, Shenstone, nr Lichfield Staffordshire. WS14 0DH England www.autosmartinternational.com Tel: +44 (0) 1543 481616 (09:00 - 17:00) Fax: +44 (0) 1543 481549 (09:00 - 17:00) info@autosmartinternational.com
EMERGENCY TELEPHONE	Mob: +44 (0) 7808 971321 (24hrs) Tel: +44 (0) 1543 481616 (09:00 - 17:00) Fax: +44 (0) 1543 481549 (09:00 - 17:00)

### 2 HAZARDS IDENTIFICATION

Flammable. Harmful by inhalation, in contact with skin and if swallowed. Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

CLASSIFICATION T;R39/23/24/25. Xn;R20/21/22. R10.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
ETHANEDIOL	203-473-3	107-21-1	10-30%	Xn;R22
METHANOL	200-659-6	67-56-1	10-30%	F;R11 T;R23/24/25,R39/23/24/25

The Full Text for all R-Phrases are Displayed in Section 16

### 4 FIRST-AID MEASURES

#### INHALATION

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

#### INGESTION

Get medical attention immediately! DO NOT INDUCE VOMITING! Promptly get affected person to drink large volumes of water to dilute the swallowed chemical.

#### SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

#### EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. 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

Fire can be extinguished using: Foam. Dry chemicals, sand, dolomite etc. Carbon dioxide (CO<sub>2</sub>). Water spray, fog or mist.

#### SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours. Keep run-off water out of sewers and water sources. Dike for water control.

**CLEARVIEW****SPECIFIC HAZARDS**

Toxic gases/vapours/fumes of Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

**6 ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS**

For personal protection, see section 8.

**ENVIRONMENTAL PRECAUTIONS**

Do not discharge into drains, water courses or onto the ground.

**SPILL CLEAN UP METHODS**

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Do not contaminate water sources or sewer. Clean-up personnel should use respiratory and/or liquid contact protection.

**7 HANDLING AND STORAGE****USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame. During application and drying, solvent vapours will be emitted. Provide good ventilation.

**STORAGE PRECAUTIONS**

Flammable/combustible - Keep away from oxidisers, heat and flames. Store in tightly closed original container in a dry, cool and well-ventilated place.

**STORAGE CLASS**

Flammable liquid storage.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	LT - ppm	LT - mg/m <sup>3</sup>	ST - ppm	ST - mg/m <sup>3</sup>
ETHANEDIOL	WEL		52 mg/m <sup>3</sup> (Sk)		104 mg/m <sup>3</sup> (Sk)
METHANOL	WEL	200 ppm(Sk)	266 mg/m <sup>3</sup> (Sk)	250 ppm(Sk)	333 mg/m <sup>3</sup> (Sk)

**INGREDIENT COMMENTS**

WEL = Workplace Exposure Limits

**PROTECTIVE EQUIPMENT****ENGINEERING MEASURES**

No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation.

**RESPIRATORY EQUIPMENT**

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

**HAND PROTECTION**

Protective gloves should be used if there is a risk of direct contact or splash. Use protective gloves made of: Polyvinylidene chloride/Polyethylene (PVD/PE). Butyl rubber. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

**EYE PROTECTION**

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

**OTHER PROTECTION**

Provide eyewash station.

**HYGIENE MEASURES**

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

**9 PHYSICAL AND CHEMICAL PROPERTIES****APPEARANCE**

Liquid

**CLEARVIEW**

COLOUR	Blue		
ODOUR	Solvent.		
SOLUBILITY	Soluble in water Miscible with water.		
MELTING POINT (°C)	- 20	RELATIVE DENSITY	ca 1.000 20 °c
EVAPORATION RATE	< 1 BuAc=1	pH-VALUE, CONC. SOLUTION	10
FLASH POINT (°C)	42 CC (Closed cup).		

**10 STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions.

**CONDITIONS TO AVOID**

Avoid contact with acids and oxidising substances. Avoid excessive heat for prolonged periods of time.

**HAZARDOUS DECOMPOSITION PRODUCTS**

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

**11 TOXICOLOGICAL INFORMATION****TOXICOLOGICAL INFORMATION**

This material is toxic. No significant health hazards when used for designed purpose and application and when used in accordance with instructions.

**INHALATION**

Harmful by inhalation. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

**INGESTION**

Harmful if swallowed. May cause unconsciousness, blindness and possibly death. May cause nausea, headache, dizziness and intoxication.

**SKIN CONTACT**

Harmful in contact with skin. Irritating to skin. May be absorbed through the skin.

**EYE CONTACT**

May cause severe irritation to eyes.

**Other Health Effects**

This substance has no evidence of carcinogenic properties. IARC Not Listed.

**ROUTE OF ENTRY**

Inhalation. Skin absorption. Ingestion. Skin and/or eye contact.

**TARGET ORGANS**

Blood. Central nervous system. Eyes. Gastro-intestinal tract. Kidneys. Liver. Respiratory system, lungs.

**MEDICAL SYMPTOMS**

Irritation of eyes and mucous membranes. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo. Visual disturbances, incl. blurred vision.

**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

No data on possible environmental effects have been found.

**DEGRADABILITY**

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

**13 DISPOSAL CONSIDERATIONS****GENERAL INFORMATION**

The packaging must be empty (drop-free, when inverted)

**DISPOSAL METHODS**

Do not allow runoff to sewer, waterway or ground. Dispose of waste and residues in accordance with local authority requirements.

**14 TRANSPORT INFORMATION**

## CLEARVIEW



UK ROAD CLASS	3		
PROPER SHIPPING NAME	ALCOHOLS, FLAMMABLE, TOXIC, N.O.S. (METHANOL)		
UN NO. ROAD	1986	UK ROAD PACK GR.	III
ADR CLASS NO.	3	ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	III	HAZARD No. (ADR)	36
ADR LABEL NO.	3 & 6.1	HAZCHEM CODE	3W
CEFIC TEC(R) NO.	30GFT1-III	RID CLASS NO.	3
RID PACK GROUP	III	UN NO. SEA	1986
IMDG CLASS	3	IMDG PAGE NO.	94 (vol 2)
IMDG PACK GR.	III	EMS	F-E, S-D
MARINE POLLUTANT	No.	UN NO. AIR	1986
AIR CLASS	3	AIR SUB CLASS	6.1
AIR PACK GR.	III		

### 15 REGULATORY INFORMATION

#### LABELLING



Toxic

CONTAINS METHANOL

#### RISK PHRASES

R10	Flammable.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

#### SAFETY PHRASES

S23	Do not breathe vapour/spray.
S27	Take off immediately all contaminated clothing.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S38	In case of insufficient ventilation, wear suitable respiratory equipment.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
S60	This material and its container must be disposed of as hazardous waste.

#### STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

#### GUIDANCE NOTES

Workplace Exposure Limits EH40.

### 16 OTHER INFORMATION

#### GENERAL INFORMATION

This product has been manufactured under ISO 9001 and ISO 14001 Quality and Environmental Management Systems.

Only trained personnel should use this material.

REVISION DATE 30/08/2007

REV. NO./REPL. SDS GENERATED 1

## CLEARVIEW

### RISK PHRASES IN FULL

R11	Highly flammable.
R22	Harmful if swallowed.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

### 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.