



**SAFETY DATA SHEET**  
**Hazsafe XLS**

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1. Product identifier**

Product name Hazsafe XLS  
Product No. 228-1

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

Identified uses Traffic Film Remover  
Uses advised against None

**1.3. Details of the supplier of the safety data sheet**

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  
Contact Person Mr. Russell Butler

**1.4. Emergency telephone number**

Mob: +44 (0) 7808 971321 (24hrs)  
Tel: +44 (0) 1543 481616 (09:00 - 17:00)  
Fax: +44 (0) 1543 481549 (09:00 - 17:00)

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1. Classification of the substance or mixture**

Classification (1999/45/EEC) Not classified.

**2.2. Label elements**

Detergent Labelling: < 5% non-ionic surfactants  
amphoteric surfactants  
Risk Phrases NC Not classified.  
Safety Phrases P13 Safety data sheet available for professional user on request.

**2.3. Other hazards**

This product does not contain any PBT or vPvB substances.

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

**3.2. Mixtures**

C9-11 Alcohol 6EO	2-5%
CAS-No.: 68439-46-3	EC No.:
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Dam. 1 - H318	Classification (67/548/EEC) Xn;R22. Xi;R41.

## Hazsafe XLS

DISODIUM METASILICATE		2-5%
CAS-No.: 6834-92-0	EC No.: 229-912-9	
Classification (EC 1272/2008) Skin Corr. 1B - H314 STOT Single 3 - H335	Classification (67/548/EEC) C;R34 Xi;R37	
ALKYL AMIDO PROPYL DIMETHYLAMINE BETAINE		1-2%
CAS-No.: 61789-40-0	EC No.: 263-058-8	
Classification (EC 1272/2008) Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36.	
SODIUM HYDROXIDE		< 1%
CAS-No.: 1310-73-2	EC No.: 215-185-5	
Classification (EC 1272/2008) Skin Corr. 1A - H314	Classification (67/548/EEC) C;R35	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: FIRST AID MEASURES

### **4.1. Description of first aid measures**

#### Inhalation

Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

#### Ingestion

Remove victim immediately from source of exposure. Rinse mouth thoroughly. Drink plenty of water. Get medical attention if any discomfort continues.

#### Skin contact

Remove affected person from source of contamination. Rinse the skin immediately with lots of water. Get medical attention if irritation persists after washing.

#### Eye contact

Promptly wash eyes with plenty of water while lifting the eye lids. Make sure to remove any contact lenses from the eyes before rinsing. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

#### General information

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

#### Inhalation.

No specific symptoms noted.

#### Ingestion

May cause discomfort if swallowed. May cause stomach pain or vomiting.

#### Skin contact

Prolonged skin contact may cause redness and irritation.

#### Eye contact

Prolonged contact may cause redness and/or tearing.

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

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

## SECTION 5: FIREFIGHTING MEASURES

### **5.1. Extinguishing media**

#### Extinguishing media

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

### **5.2. Special hazards arising from the substance or mixture**

## Hazsafe XLS

Hazardous combustion products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

Specific hazards

Oxides of: Carbon. Nitrogen.

### **5.3. Advice for firefighters**

Special Fire Fighting Procedures

No specific fire fighting procedure given.

Protective equipment for fire-fighters

Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### **6.1. Personal precautions, protective equipment and emergency procedures**

For personal protection, see section 8.

### **6.2. Environmental precautions**

Do not discharge onto the ground or into water courses. To prevent release, place container with damaged side up.

### **6.3. Methods and material for containment and cleaning up**

Stop leak if possible without risk. Large Spillages: Absorb in vermiculite, dry sand or earth and place into containers. Flush area clean with lots of water. Be aware of potential for surfaces to become slippery. Do not contaminate water sources or sewer. Small quantities may be flushed to drains with plenty of water.

### **6.4. Reference to other sections**

For personal protection, see section 8. For waste disposal, see section 13.

## SECTION 7: HANDLING AND STORAGE

### **7.1. Precautions for safe handling**

Avoid spilling, skin and eye contact.

### **7.2. Conditions for safe storage, including any incompatibilities**

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

Storage Class

Chemical storage.

### **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
DISODIUM METASILICATE	WEL				2 mg/m <sup>3</sup>	
SODIUM HYDROXIDE	WEL				2 mg/m <sup>3</sup>	

WEL = Workplace Exposure Limit.

### **8.2. Exposure controls**

Protective equipment



Process conditions

Provide eyewash station.

Engineering measures

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

**Hazsafe XLS****Respiratory equipment**

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

**Hand protection**

Use protective gloves made of: Polyvinyl chloride (PVC). Rubber (natural, latex). 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 if skin becomes wet or contaminated. 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**

Appearance	Liquid
Colour	Light (or pale). Straw.
Odour	Mild.
Solubility	Soluble in water. Miscible with water
Initial boiling point and boiling range	~ 100 760 mm Hg
Melting point (°C)	~ 0
Relative density	~ 1.052 (20°C)
Vapour density (air=1)	
Not applicable.	
Vapour pressure	
Not applicable.	
Evaporation rate	
Not available.	
pH-Value, Conc. Solution	~ 13
pH-Value, Diluted Solution	~ 10 @ 1%
Viscosity	1 cSt
Decomposition temperature (°C)	
Not available.	
Odour Threshold, Lower	
Not available.	
Odour Threshold, Upper	
Not available.	
Flash point (°C)	
Not applicable.	
Auto Ignition Temperature (°C)	
Not applicable.	
Flammability Limit - Lower(%)	
Not applicable.	
Flammability Limit - Upper(%)	
Not applicable.	
Partition Coefficient (N-Octanol/Water)	
Not available.	
Oxidising properties	
Not applicable.	
Comments	Information declared as "Not available" or "Not applicable" is not considered to be justified for enabling proper control measures to be taken.

**9.2. Other information**

Volatile Organic Compound (VOC) 0 g/litre

**SECTION 10: STABILITY AND REACTIVITY****10.1. Reactivity**

No specific reactivity hazards associated with this product.

## Hazsafe XLS

### 10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

### 10.3. Possibility of hazardous reactions

Hazardous Polymerisation

Will not polymerise.

### 10.4. Conditions to avoid

Avoid contact with acids. Reacts strongly with concentrated acids and chloro-hydrocarbons.

### 10.5. Incompatible materials

Materials To Avoid

Strong acids. Strong oxidising substances.

### 10.6. Hazardous decomposition products

No specific hazardous decomposition products noted.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Skin corrosion/irritation - animal Data

Scientifically unjustified.

Skin corrosion/irritation - Human skin model test

Scientifically unjustified.

Skin corrosion/irritation - Extreme pH  $\geq 11.5$

Not irritating.

Classification based on Conventional Method, and In Vitro Approaches - Corrosive or Irritant by measuring pH and Acid/Alkali Reserve.

General information

This product has low toxicity. Only large volumes may have adverse impact on human health.

Inhalation

May cause irritation to the respiratory system.

Ingestion

May cause discomfort if swallowed.

Skin contact

May cause defatting of the skin, but is not an irritant.

Eye contact

Spray and vapour in the eyes may cause irritation and smarting.

Health Warnings

Serious long-term effects are not known to be related to this type of product.

Medical Symptoms

No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.

<b>Name</b>	<b>DISODIUM METASILICATE</b>
Toxic Dose 1 - LD 50	600-1350 mg/kg (oral rat)
Toxic Dose 2 - LD 50	770 mg/kg (oral-mouse)
<b>Name</b>	<b>C9-11 Alcohol 6EO</b>
Toxic Dose 1 - LD 50	2000 mg/kg (oral rat)
Toxic Conc. - LC 50	5 mg/l/4h (inh-rat)
Other Health Effects	
This substance has no evidence of carcinogenic properties.	

## SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product is not expected to be hazardous to the environment. The product is not expected to be hazardous to waste water treatment processes. The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms.

### 12.1. Toxicity

Acute Toxicity - Fish

Not determined.

Acute Toxicity - Aquatic Invertebrates

Not determined.

**Hazsafe XLS**

Acute Toxicity - Aquatic Plants

Not determined.

Acute Toxicity - Microorganisms

Not determined.

Acute Toxicity - Terrestrial

Not determined.

**12.2. Persistence and degradability**

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. The product is biodegradable, but it must not be discharged into drains without permission from the authorities.

**12.3. Bioaccumulative potential**

Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating.

**12.4. Mobility in soil**

Mobility:

The product is soluble in water.

**12.5. Results of PBT and vPvB assessment**

This product does not contain any PBT or vPvB substances.

**12.6. Other adverse effects**

<b>Name</b>	<b>DISODIUM METASILICATE</b>
-------------	------------------------------

Ecotoxicity

The product is not expected to be toxic to aquatic organisms.

LC 50, 96 Hrs, Fish mg/l	3185
--------------------------	------

EC 50, 48 Hrs, Daphnia, mg/l	4857
------------------------------	------

Mobility

The product is soluble in water.

Bioaccumulative potential

The product is not bioaccumulating.

Degradability

The product is biodegradable.

<b>Name</b>	<b>C9-11 Alcohol 6EO</b>
-------------	--------------------------

LC 50, 96 Hrs, Fish mg/l	10
--------------------------	----

EC 50, 48 Hrs, Daphnia, mg/l	10
------------------------------	----

IC 50, 72 Hrs, Algae, mg/l	10
----------------------------	----

Mobility

The product is soluble in water.

Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating.

Degradability

The product is biodegradable.

**SECTION 13: DISPOSAL CONSIDERATIONS**

General information

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

**13.1. Waste treatment methods**

Dispose of waste and residues in accordance with local authority requirements. Recover and reclaim or recycle, if practical.

**SECTION 14: TRANSPORT INFORMATION**

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**14.1. UN number**

Not applicable.

**14.2. UN proper shipping name**

Not applicable.

**Hazsafe XLS****14.3. Transport hazard class(es)**

Not applicable.  
Transport Labels

No transport warning sign required.

**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards**

Environmentally Hazardous Substance/Marine Pollutant  
No.

**14.6. Special precautions for user**

Not applicable.

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

**SECTION 15: REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Uk Regulatory References

Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments. Chemicals (Hazard Information & Packaging) Regulations.

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations.

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

EU Legislation

Dangerous Preparations Directive 1999/45/EC. Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. 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 with amendments.

National Regulations

Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.

Water hazard classification

WGK 2

**15.2. Chemical Safety Assessment**

No chemical safety assessment has been carried out.

**SECTION 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 Comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision Date 28/03/2011

Revision 6

Supersedes date 07/02/2011

Risk Phrases In Full

R34	Causes burns.
R35	Causes severe burns.
R22	Harmful if swallowed.
R36	Irritating to eyes.
R37	Irritating to respiratory system.
R41	Risk of serious damage to eyes.

**Hazsafe XLS**

## Hazard Statements In Full

H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H314	Causes severe skin burns and eye damage.
H302	Harmful if swallowed.
H335	May cause respiratory irritation.

## 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.