



## SAFETY DATA SHEET

### HD Curtain Cleaner

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

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

##### 1.1. Product identifier

**Product name** HD Curtain Cleaner  
**Product number** 216-3

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

**Identified uses** Cleaning agent. - Wheel Cleaner  
**Uses advised against** This product is not recommended for any industrial, professional or consumer use other than the Identified uses above. For professional use only.

##### 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

**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) If you urgently need medical help or advice but it's not a life-threatening situation, call 111 free from any phone to speak to an NHS adviser. The 24-hour NHS 111 service can give you healthcare advice or direct you to the local service that can help you best. If NHS 111 does not yet cover your area, you can call NHS Direct in England or Wales on 08 45 46 47\* or NHS 24 in Scotland on 0845 24 24 24\* (UK Only) The NHS 111 service will also be available via the harmonised European number for medical advice 116 117\* Calls to 084 numbers are charged at a higher rate than standard calls on BT's most popular call plan (BT Unlimited Weekend). Mobile and other providers costs will vary and you should check the costs of calls with your provider

#### SECTION 2: Hazards identification

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

###### Classification

###### Physical hazards

Met. Corr. 1 - H290

###### Health hazards

Skin Corr. 1B - H314 Eye Dam. 1 - H318

###### Environmental hazards

Not Classified

###### Classification (67/548/EEC or 1999/45/EC)

C;R34.

###### Human health

Corrosive. Prolonged contact causes serious eye and tissue damage.

###### Environmental

Environmental hazard.

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### 2.2. Label elements

#### Pictogram



#### Signal word

Danger

#### Hazard statements

H290 May be corrosive to metals.  
H314 Causes severe skin burns and eye damage.

#### Precautionary statements

P260 Do not breathe vapour/spray.  
P264 Wash contaminated skin thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P362+P364 Take off contaminated clothing and wash it before reuse.

#### Contains

SODIUM HYDROXIDE, 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts

#### Detergent labelling

< 5% amphoteric surfactants

#### Supplementary precautionary statements

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P390 Absorb spillage to prevent material damage.  
P405 Store locked up.  
P406 Store in corrosive resistant/... container with a resistant inner liner.  
P501 Dispose of contents/container in accordance with national regulations.

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>SODIUM HYDROXIDE</b>	<b>2-5%</b>
CAS number: 1310-73-2 EC number: 215-185-5 REACH registration number: 01-2119457892-27-xxxx Substance with a Community workplace exposure limit.	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Met. Corr. 1 - H290	C;R35
Skin Corr. 1A - H314	
Eye Dam. 1 - H318	
<b>1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts</b>	<b>2-5%</b>
CAS number: 0000000-00-0 EC number: 931-296-8 REACH registration number: 01-2119488533-30-XXXX	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Eye Dam. 1 - H318	Xi;R36.
Aquatic Chronic 3 - H412	

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<b>2-BUTOXYETHANOL</b> <span style="float: right;"><b>2-5%</b></span> <b>CAS number:</b> 111-76-2 <b>EC number:</b> 203-905-0 <b>REACH registration number:</b> 01-2119475108-36-xxxx Substance with a Community workplace exposure limit.	
<b>Classification</b> Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn;R20/21/22 Xi;R36/38
<b>2-(2-BUTOXYETHOXY)ETHANOL</b> <span style="float: right;"><b>0.7-1.0%</b></span> <b>CAS number:</b> 112-34-5 <b>EC number:</b> 203-961-6 <b>REACH registration number:</b> 01-2119475104-44-XXXX Substance with a Community workplace exposure limit.	
<b>Classification</b> Eye Irrit. 2 - H319	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xi;R36

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**

##### **General information**

CAUTION! First aid personnel must be aware of own risk during rescue!

##### **Inhalation**

Remove affected person from source of contamination. Get medical attention if any discomfort continues.

##### **Ingestion**

Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any discomfort continues.

##### **Skin contact**

Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention if any discomfort continues.

##### **Eye contact**

Remove any contact lenses and open eyelids wide apart. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention. Show this Safety Data Sheet to the medical personnel.

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

##### **General information**

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

##### **Inhalation**

Coughing, chest tightness, feeling of chest pressure.

##### **Ingestion**

May cause chemical burns in mouth and throat. May cause discomfort if swallowed. May cause stomach pain or vomiting.

##### **Skin contact**

Burning pain and severe corrosive skin damage. May cause serious chemical burns to the skin.

##### **Eye contact**

May cause blurred vision and serious eye damage. Severe irritation, burning and tearing.

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

##### **Notes for the doctor**

No specific recommendations. If in doubt, get medical attention promptly.

### **SECTION 5: Firefighting measures**

#### **5.1. Extinguishing media**

##### **Suitable extinguishing media**

The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

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

##### **Specific hazards**

The product is non-combustible. Irritating gases or vapours. Thermal decomposition or combustion products may include the

## HD Curtain Cleaner

following substances: Acrid smoke or fumes. Oxides of the following substances: Carbon. Nitrogen. No unusual fire or explosion hazards noted.

### **Hazardous combustion products**

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

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

#### **Protective actions during firefighting**

Avoid breathing fire gases or vapours. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

#### **Special protective equipment for firefighters**

Use air-supplied respirator, gloves and protective goggles. Use protective equipment appropriate for surrounding materials.

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## **SECTION 6: Accidental release measures**

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

#### **Personal precautions**

For personal protection, see Section 8.

### **6.2. Environmental precautions**

#### **Environmental precautions**

Do not discharge into drains or watercourses or onto the ground. To prevent release, place container with damaged side up. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

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

#### **Methods for cleaning up**

Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Stop leak if possible without risk. Dike far ahead of larger spills for later disposal. 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. Flush contaminated area with plenty of water. Take care as floors and other surfaces may become slippery. Flush contaminated area with plenty of water. The requirements of the local water authority must be complied with if contaminated water is flushed directly to the sewer. Wash thoroughly after dealing with a spillage.

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

#### **Reference to other sections**

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

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## **SECTION 7: Handling and storage**

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

#### **Usage precautions**

Avoid spilling. Avoid contact with skin and eyes. Read and follow manufacturer's recommendations. Eye wash facilities and emergency shower must be available when handling this product. Good personal hygiene procedures should be implemented.

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

#### **Storage precautions**

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

#### **Storage class**

Corrosive storage.

### **7.3. Specific end use(s)**

#### **Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

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## **SECTION 8: Exposure Controls/personal protection**

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### **8.1. Control parameters**

#### **Occupational exposure limits**

### HD Curtain Cleaner

#### SODIUM HYDROXIDE

Short-term exposure limit (15-minute): WEL 2 mg/m3

#### 2-BUTOXYETHANOL

Long-term exposure limit (8-hour TWA): WEL 25 ppm 123 mg/m3

Short-term exposure limit (15-minute): WEL 50 ppm 246 mg/m3

Sk

#### 2-(2-BUTOXYETHOXY)ETHANOL

Long-term exposure limit (8-hour TWA): WEL 10 ppm 67.5 mg/m3

Short-term exposure limit (15-minute): WEL 15 ppm 101.2 mg/m3

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

#### SODIUM HYDROXIDE (CAS: 1310-73-2)

DNEL Consumer - Inhalation; Short term : 1 mg/m3  
Industry - Inhalation; Short term : 1 mg/m3  
Industry - Inhalation; Long term : 1 mg/m3

#### 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-N-C8-18(even numbered) acyl derivs., hydroxides, inner salts (CAS: 0000000-00-0)

##### Ingredient comments

No exposure limits known for ingredient(s).

DNEL Professional - Dermal; systemic effects: 12.5 mg/kg/day  
Professional - Inhalation; systemic effects: 44 mg/m3  
Consumer - Dermal; systemic effects: 7.5 mg/kg/day  
Consumer - Oral; systemic effects: 7.5 mg/kg/day

PNEC - Fresh water; 0.0135 mg/l  
- Marine water; 0.00135 mg/l  
- Sediment (Freshwater); 1 mg/kg  
- Sediment (Marinewater); 0.1 mg/kg  
- Soil; 0.8 mg/kg  
- STP; 3000 mg/l

#### 2-BUTOXYETHANOL (CAS: 111-76-2)

##### Ingredient comments

Due to the hazardous nature of ingredients, exposure should be minimal.

DNEL Industry - Dermal; Short term : 89 mg/kg/day  
Industry - Inhalation; Short term : 246 mg/m3  
Industry - Dermal; Long term : 75 mg/kg/day  
Industry - Inhalation; Long term : 98 mg/m3  
Consumer - Dermal; Short term : 44.5 mg/kg/day  
Consumer - Inhalation; Short term : 123 mg/m3  
Consumer - Oral; Short term : 13.4 mg/kg/day  
Consumer - Dermal; Long term : 38 mg/kg/day  
Consumer - Inhalation; Long term : 49 mg/m3

PNEC - Fresh water; 8.8 mg/l  
- Marine water; 0.88 mg/l  
- Sediment (Freshwater); 8.14 mg/kg  
- Soil; 2.8 mg/kg  
- STP; 463 mg/l

#### 2-(2-BUTOXYETHOXY)ETHANOL (CAS: 112-34-5)

DNEL Industry - Inhalation; : 101.2 mg/m<sup>3</sup>  
Industry - Dermal; : 20 mg/kg/day  
Consumer - Inhalation; : mg/m<sup>3</sup>  
Consumer - Dermal; : 10 mg/kg/day  
Consumer - Oral; : 1.25 mg/kg/day

PNEC - Fresh water; 1 mg/l  
- Marine water; 0.1 mg/l  
- Sediment (Freshwater); 4 mg/kg  
- Sediment (Marinewater); 0.4 mg/kg  
- Soil; 0.4 mg/kg

### 8.2. Exposure controls

## HD Curtain Cleaner

### Protective equipment



### Appropriate engineering controls

No specific ventilation requirements. This product must not be handled in a confined space without adequate ventilation.

### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

### Hand protection

Use protective gloves. Wear protective gloves made of the following material: Polyvinyl chloride (PVC). Rubber (natural, latex). Neoprene. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

### Other skin and body protection

Provide eyewash station. Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.

### Hygiene measures

Provide eyewash station. Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Use appropriate hand lotion to prevent defatting and cracking of skin. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

### Respiratory protection

No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

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## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

Viscous liquid.

#### Colour

Brown.

#### Odour

Mild.

#### Odour threshold

Not available. Not available.

#### pH

pH (concentrated solution): ~ 13.8 pH (diluted solution): 12.4 @ 1%

#### Melting point

~ 0°C

#### Initial boiling point and range

~ 100°C @ 760 mm Hg

#### Flash point

Not applicable.

#### Evaporation rate

Not available.

#### Upper/lower flammability or explosive limits

Not applicable. : :

#### Vapour pressure

Not applicable.

#### Vapour density

Not applicable.

#### Relative density

~ 1.080 @ @ 20°C

#### Solubility(ies)

Soluble in water. Miscible with water.

#### Partition coefficient

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: < 0

### Auto-ignition temperature

Not applicable.

### Decomposition Temperature

Not available.

### Viscosity

~ 1 cSt @ 20°C

### Oxidising properties

Does not meet the criteria for classification as oxidising.

### Comments

Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.

## 9.2. Other information

### Volatile organic compound

This product contains a maximum VOC content of 24 g/litre.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

#### Stability

Stable at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

Will not polymerise.

### 10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time. Reactions with the following materials may generate heat: Strong acids.

### 10.5. Incompatible materials

#### Materials to avoid

Strong oxidising agents. Strong acids.

### 10.6. Hazardous decomposition products

No specific hazardous decomposition products noted.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

ATE oral (mg/kg)

57,777.77777778

#### Acute toxicity - dermal

ATE dermal (mg/kg)

48888.88888889

#### Acute toxicity - inhalation

ATE inhalation (vapours mg/l)

488.88888889

#### Skin corrosion/irritation

##### Human skin model test

Scientifically unjustified.

#### Extreme pH

= 11.5 Classification based on Conventional Method, and In Vitro Approaches - Corrosive or Irritant by measuring pH and Acid/Alkali Reserve. Corrosive

### General information

This product has low toxicity. Only large quantities are likely to have adverse effects on human health.

### Inhalation

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May cause respiratory system irritation.

### Ingestion

Swallowing concentrated chemical may cause severe internal injury. May cause chemical burns in mouth, oesophagus and stomach.

### Skin contact

Corrosive. Prolonged contact causes serious tissue damage.

### Eye contact

Contact with concentrated chemical may very rapidly cause severe eye damage, possibly loss of sight.

### Route of entry

Ingestion. Skin and/or eye contact

### Medical symptoms

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

#### Toxicological information on ingredients.

##### 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-N-C8-18(even numbered) acyl derivs., hydroxides, inner salts

#### Other health effects

There is no evidence that the product can cause cancer.

#### Acute toxicity - oral

##### Acute toxicity oral (LD50 mg/kg)

7,783

##### Species

Rat

#### Acute toxicity - dermal

##### Acute toxicity dermal (LD50 mg/kg)

2066

##### Species

Rat

#### Skin sensitisation

Not sensitising.

#### Reproductive toxicity

##### Reproductive toxicity - development

Developmental toxicity: - NOAEL: 1,000 mg/kg, Oral, Rat

#### Specific target organ toxicity - single exposure

##### STOT - single exposure

Not classified as a specific target organ toxicant after a single exposure.

#### Specific target organ toxicity - repeated exposure

##### STOT - repeated exposure

NOAEL 300 mg/kg, Oral, Rat Not classified as a specific target organ toxicant after repeated exposure.

## SECTION 12: Ecological Information

### Ecotoxicity

The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment. The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms. The product is not expected to be hazardous to wastewater treatment processes. The product does not contain organic complexing agents with a DOC level of degradation of < 80% after 28 days. The product does not contain organically bound halogen.

#### Ecological information on ingredients.

##### 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-N-C8-18(even numbered) acyl derivs., hydroxides, inner salts

#### Ecotoxicity

The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

### 12.1. Toxicity

#### Acute toxicity - fish



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Not determined.

### Acute toxicity - aquatic invertebrates

Not determined.

### Acute toxicity - aquatic plants

Not determined.

### Acute toxicity - microorganisms

Not determined.

### Acute toxicity - terrestrial

Not determined.

#### Ecological information on ingredients.

##### 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts

#### Acute toxicity - fish

LC50, 96 hours: ~ 1.11 mg/l, Pimephales promelas (Fat-head Minnow)

#### Acute toxicity - aquatic invertebrates

EC , 48 hours: 1.9 mg/l, Daphnia magna

#### Acute toxicity - aquatic plants

EC , 72 hours: 2.4 mg/l, Freshwater algae

#### Acute toxicity - microorganisms

EC , : 3,000 mg/l, Activated sludge

#### Chronic toxicity - fish early life stage

NOEC, : 0.135 mg/l, Onchorhynchus mykiss (Rainbow trout)

#### Chronic toxicity - aquatic invertebrates

NOEC, : 0.3 mg/l, Daphnia magna

### 12.2. Persistence and degradability

#### Persistence and degradability

The surfactant(s) contained in this product 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.

#### Ecological information on ingredients.

##### 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts

#### Persistence and degradability

The product is biodegradable.

### 12.3. Bioaccumulative potential

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

#### Partition coefficient

: < 0

#### Ecological information on ingredients.

##### 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts

The product does not contain any substances expected to be bioaccumulating. BCF: 71,

### 12.4. Mobility in soil

#### Mobility

The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces. The product contains volatile organic compounds (VOCs) which have a photochemical ozone creation potential.

#### Ecological information on ingredients.

##### 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts

#### Mobility

The product is soluble in water.

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### 12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

#### Ecological information on ingredients.

#### 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-N-C8-18(even numbered) acyl derivs., hydroxides, inner salts

This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

Not applicable.

## **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

#### **General information**

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

#### **Disposal methods**

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Reuse or recycle products wherever possible. Discharge of small quantities to the sewer with plenty of water may be permitted. The requirements of the local water authority must be complied with if contaminated water is flushed directly to the sewer. Larger quantities should be treated in a suitable plant or disposed of via a licensed waste disposal contractor.

## **SECTION 14: Transport information**

### 14.1. UN number

UN No. (ADR/RID)	1824
UN No. (IMDG)	1824
UN No. (ICAO)	1824

### 14.2. UN proper shipping name

Proper shipping name (ADR/RID)	SODIUM HYDROXIDE SOLUTION
Proper shipping name (IMDG)	SODIUM HYDROXIDE SOLUTION
Proper shipping name (ICAO)	SODIUM HYDROXIDE SOLUTION
Proper shipping name (ADN)	SODIUM HYDROXIDE SOLUTION

### 14.3. Transport hazard class(es)

ADR/RID class	8
ADR/RID subsidiary risk	
ADR/RID label	8
IMDG class	8
IMDG subsidiary risk	
ICAO class/division	8
ICAO subsidiary risk	
Transport labels	



### 14.4. Packing group

ADR/RID packing group	II
IMDG packing group	II
ICAO packing group	II

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

## HD Curtain Cleaner

No.

### 14.6. Special precautions for user

IMDG Code segregation group	18. Alkalis
EmS	F-A, S-B
Emergency Action Code	2W
Hazard Identification Number (ADR/RID)	80
Tunnel restriction code	(E)

### 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

#### 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.

#### EU legislation

Dangerous Preparations Directive 1999/45/EC. 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) (as amended). 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 (as amended). 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 (as amended).

#### Guidance

Workplace Exposure Limits EH40. Safety Data Sheets for Substances and Preparations.

#### Health and environmental listings

Regulation (EC) 689/2008 of the European Parliament and of the Council of 17 June 2008 concerning the export and import of dangerous chemicals (as amended).

#### Water hazard classification

WGK 1

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

### General information

Only trained personnel should use this material. This product has been manufactured under ISO 9001 and ISO 14001 Quality and Environmental Management Systems.

### Revision comments

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

Issued by	Prepared by Autosmart International Ltd, Lynn Lane, Shenstone, Lichfield, Staffordshire, WS14 0DH, Great Britain. www.autosmartinternational.com butler@autosmart.co.uk Tel +44 (0)1543 481616
Revision date	07/11/2014
Revision	8
Supersedes date	08/05/2013
SDS status	Approved.
Risk phrases in full	R20/21/22 Harmful by inhalation, in contact with skin and if swallowed. R34 Causes burns. R35 Causes severe burns. R36 Irritating to eyes. R36/38 Irritating to eyes and skin.

### Hazard statements in full

### **HD Curtain Cleaner**

- H290 May be corrosive to metals.
- H302 Harmful if swallowed.
- H312 Harmful in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H412 Harmful to aquatic life with long lasting effects.

#### **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.