



**SAFETY DATA SHEET**  
**Brushwash**

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

**1.1. Product identifier**

Product Name Brushwash  
Product No. 470-6

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

Identified uses Auto shampoo  
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.

**Environment**

The product is not expected to be hazardous to the environment.

**Physical And Chemical Hazards**

Considering the limited amount applied during use and the size of the container, the risk of adverse effects is considered small.

**2.2. Label elements**

**Detergent Labelling:**

5 - < 15%	Anionic surfactants
< 5%	Phosphates
Contains	Formaldehyde, METHYL-2H or METHYL-4 (3:1) Mixture of EC NO 220-239-6, TETRAMETHYLOLGLYCOLURIL

**Risk Phrases**

NC Not classified.

**Safety Phrases**

S24/25	Avoid contact with skin and eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**2.3. Other hazards**

This product does not contain any PBT or vPvB Substances.

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

**3.2. Mixtures**

## Brushwash

SODIUM DIHYDROGEN ORTHOPHOSPHATE		< 1%
CAS-No.: 7558-80-7	EC No.: 231-449-2	
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Not classified.	

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

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

Inhalation.

Get medical attention if any discomfort continues.

Ingestion

Rinse mouth thoroughly. Drink plenty of water. Get medical attention if any discomfort continues.

Skin Contact

Remove contaminated clothing. Rinse with water. Use suitable lotion to moisturise skin. Get medical attention if any discomfort continues.

Eye Contact

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

### 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.

Skin Contact

Prolonged contact may cause redness, irritation and dry skin.

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

Hazardous Combustion Products

When heated, vapours/gases hazardous to health may be formed.

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

Avoid breathing fire vapours. Keep run-off water out of sewers and water sources. Dike for water control. If risk of water pollution occurs, notify appropriate authorities.

Protective Measures In Fire

Face mask, protective gloves and safety helmet. Use protective equipment appropriate for surrounding materials.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

For personal protection, see section 8.

## Brushwash

### **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**

Read and follow manufacturer's recommendations. 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 above the chemical's freezing point to avoid rupturing the 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**

Ingredient Comments

No exposure limits noted for ingredient(s).

### **8.2. Exposure controls**

Protective Equipment



Process Conditions

Provide eyewash station.

Engineering Measures

No particular ventilation requirements.

Respiratory Equipment

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

Hand Protection

For prolonged or repeated skin contact use suitable protective gloves. 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. Use appropriate skin cream to prevent drying of skin. 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	Pink
Odour	Mild
Solubility	Soluble in water. Miscible with: Hydrocarbons.

**Brushwash**

Initial Boiling Point and Boiling Range:	~ 100 760 mm Hg
Melting Point (°C)	~ 0
Relative Density	~ 1.020 (20°C)
Vapour Density (Air=1)	
Not applicable.	
Vapour Pressure	
Not applicable.	
Evaporation Rate	
Not available.	
pH-Value, Conc. Solution	~ 7.0
pH-Value, Diluted Solution	~ 7.0 @ 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.

**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 excessive heat for prolonged periods of time.

**10.5. Incompatible materials**

Materials To Avoid

Strong acids.

**10.6. Hazardous decomposition products**

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## SECTION 11: TOXICOLOGICAL INFORMATION

**11.1. Information on toxicological effects**

Skin Corrosion/Irritation - Animal Data

Scientifically unjustified.

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Skin Corrosion/Irritation - Human Skin Model Test

Scientifically unjustified.

Skin Corrosion/Irritation - Extreme pH Moderate pH (> 2 and < 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

No specific health warnings noted.

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

Because of quantity and composition, the health hazard is small. Serious long-term effects are not known to be related to this type of product.

Route of entry

Ingestion.

Target Organs

No specific target organs noted.

Medical Symptoms

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

Medical Considerations

Skin disorders and allergies.

<b>Name</b>	<b>SODIUM DIHYDROGEN ORTHOPHOSPHATE</b>
Toxic Dose 1 - LD 50	8,290 mg/kg (oral rat)
Other Health Effects	
This substance has no evidence of carcinogenic properties.	

## SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

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 is not expected to be hazardous to waste water treatment processes.

### **12.1. Toxicity**

Acute Toxicity - Fish

Not determined.

Acute Toxicity - Aquatic Invertebrates

Not determined.

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**

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### Mobility:

The product is non-volatile. The product contains substances, which are water soluble and may spread in water systems.

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

This product does not contain any PBT or vPvB Substances.

### **12.6. Other adverse effects**

The product may contribute to an excessive enrichment of the aquatic environment with nutrients.

<b>Name</b>	<b>SODIUM DIHYDROGEN ORTHOPHOSPHATE</b>
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**Ecotoxicity**

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 contribute to an excessive enrichment of the aquatic environment with nutrients.

LC 50, 96 Hrs, Fish mg/l	3,200-6,400
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EC 50, 48 Hrs, Daphnia, mg/l	>1,000
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**Mobility**

The product is soluble in water.

**Bioaccumulative Potential**

No data available on bioaccumulation.

**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. Small amounts may be flushed with water to sewer. Larger volumes must be sent to approved plant for destruction.

## SECTION 14: TRANSPORT INFORMATION

General	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
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### **14.1. UN number**

Not applicable.

### **14.2 UN Proper shipping name**

Not applicable.

### **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**

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations.

## Brushwash

### EU Legislation

Dangerous Substance Directive 67/548/EEC. 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 11/05/2011

Revision 6

Supersedes Date 08/09/2010

### Risk Phrases In Full

NC Not classified.

### Hazard Statements In Full

### 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.