



SAFETY DATA SHEET

Multipurpose Cleaner

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

PRODUCT NAME	Multipurpose Cleaner
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
PRODUCT NO.	181
APPLICATION	Cleaning agent
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

Irritating to eyes and skin.

CLASSIFICATION (1999/45) Xi;R36/38.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
C9-11 ALCOHOL 6EO		68439-46-3	1-5%	Xn;R22. Xi;R41.
QUARternary COCO ALKYLAMINE ETHOXYLATE		68989-03-7	< 1%	Xi;R36. N;R51/53.
SODIUM HYDROXIDE	215-185-5	1310-73-2	< 1%	C;R35
Tetrapotassium Pyrophosphate	230-785-7	7320-34-5	1-5%	Xi;R36.

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. 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. Remove contaminated clothing. Rinse the skin immediately with lots of water. Use suitable lotion to moisturise skin. 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.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

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

Multipurpose Cleaner

SPECIFIC HAZARDS

Oxides of: Carbon. Nitrogen.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

For personal protection, see section 8.

ENVIRONMENTAL PRECAUTIONS

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

SPILL CLEAN UP METHODS

Wear necessary protective equipment. 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 allow spillage to enter storm drains, watercourses or onto the ground.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry and cool place. Keep in original container.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
SODIUM HYDROXIDE	WEL				2 mg/m ³	

WEL = Workplace Exposure Limit.

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

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.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. In case of inadequate ventilation or risk of inhalation of vapours, use suitable respiratory equipment with combination filter (type A2/P3).

HAND PROTECTION

Use protective gloves made of: Rubber (natural, latex). Polyvinyl chloride (PVC). 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.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid
COLOUR	Fluorescent. Green
ODOUR	Lemon
SOLUBILITY	Soluble in water. Miscible with water

Multipurpose Cleaner

BOILING POINT (°C)	ca 100	MELTING POINT (°C)	ca 0
RELATIVE DENSITY	ca 1.027 (20°C)	pH-VALUE, CONC. SOLUTION	13

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions.

CONDITIONS TO AVOID

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

HAZARDOUS DECOMPOSITION PRODUCTS

No specific hazardous decomposition products noted.

11 TOXICOLOGICAL INFORMATION**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

Irritating to skin.

EYE CONTACT

Irritating to eyes.

HEALTH WARNINGS

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

ROUTE OF ENTRY

Ingestion. Skin and/or eye contact.

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

No negative effects on the aquatic environment are known.

13 DISPOSAL CONSIDERATIONS**GENERAL INFORMATION**

The packaging must be empty (drop-free, when inverted) Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

DISPOSAL METHODS

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

14 TRANSPORT INFORMATION

PROPER SHIPPING NAME	CAUSTIC ALKALI LIQUID N.O.S. (SODIUM POLYPHOSPHATE, SODIUM HYDROXIDE)		
UN NO. ROAD	1719	ADR CLASS NO.	8
ADR CLASS	Class 8: Corrosive substances.	ADR PACK GROUP	III
HAZCHEM CODE	2R	UN NO. SEA	1719
IMDG CLASS	8	IMDG PAGE NO.	78 (vol 2)
IMDG PACK GR.	III		

15 REGULATORY INFORMATION**LABELLING**

Multipurpose Cleaner

Irritant

RISK PHRASES

R36/38 Irritating to eyes and skin.

SAFETY PHRASES

S2 Keep out of the reach of children.
 S23 Do not breathe vapour/spray.
 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.
 S37 Wear suitable gloves.
 S46 If swallowed, seek medical advice immediately and show this container or label.
 S51 Use only in well-ventilated areas.

DETERGENT LABELLING

< 5% Non-ionic surfactants
 Phosphates
 Perfumes

UK REGULATORY REFERENCES

Health and Safety at Work Act 1974.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

GUIDANCE NOTES

Workplace Exposure Limits EH40.

NATIONAL REGULATIONS

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.

16 OTHER INFORMATION

GENERAL INFORMATION

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

REVISION DATE 28/04/2010

REV. NO./REPL. SDS GENERATED 2

RISK PHRASES IN FULL

R35 Causes severe burns.
 R22 Harmful if swallowed.
 R36 Irritating to eyes.
 R41 Risk of serious damage to eyes.
 R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.