



SAFETY DATA SHEET

Smartbus Extra (g)

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 Smartbus Extra (g)
Product number 237-3

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

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

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

Manufacturer

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 Irrit. 2 - H315 Eye Dam. 1 - H318

Environmental hazards

Not Classified

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

Xi;R38,R41.

Smartbus Extra (g)**2.2. Label elements****Pictogram****Signal word**

Danger

Hazard statements

H290 May be corrosive to metals.
 H315 Causes skin irritation.
 H318 Causes serious eye damage.

Precautionary statements

P264 Wash contaminated skin thoroughly after handling.
 P280 Wear protective gloves.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 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.
 P501 Dispose of contents/container in accordance with national regulations.

Contains

C9-C11 Alcohol ethoxylate (6), 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, < 5% non-ionic surfactants, < 5% perfumes, < 5% phosphates, Contains d-LIMONENE

Supplementary precautionary statements

P332+P313 If skin irritation occurs: Get medical advice/attention.
 P390 Absorb spillage to prevent material damage.
 P406 Store in corrosive resistant/... container with a resistant inner liner.

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**

C9-C11 Alcohol ethoxylate (6) CAS number: 68439-46-3 EC number: – REACH registration number: Polymer	2-5%
Classification Acute Tox. 4 - H302 Eye Dam. 1 - H318	Classification (67/548/EEC or 1999/45/EC) Xn;R22. Xi;R41.
Tetrapotassium Pyrophosphate CAS number: 7320-34-5 EC number: 230-785-7	2-5%
Classification Eye Irrit. 2 - H319	Classification (67/548/EEC or 1999/45/EC) Xi;R36.
SODIUM HYDROXIDE CAS number: 1310-73-2 EC number: 215-185-5 REACH registration number: 01-2119457892-27-xxxx Substance with a Community workplace exposure limit.	1-2%
Classification Met. Corr. 1 - H290 Skin Corr. 1A - H314 Eye Dam. 1 - H318	Classification (67/548/EEC or 1999/45/EC) C;R35

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1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18(even numbered) acyl derivs., hydroxides, inner salts		1-2%
CAS number: 0000000-00-0 EC number: 931-296-8 REACH registration number: 01-2119488533-30-XXXX		
Classification	Classification (67/548/EEC or 1999/45/EC)	
Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	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****Inhalation**

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

Ingestion

Remove affected person from source of contamination. Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if a large quantity has been ingested. Show this Safety Data Sheet to the medical personnel. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues. Consult a physician for specific advice.

Skin contact

Remove affected person from source of contamination. Remove contaminated clothing. Rinse immediately with plenty of water. Use suitable lotion to moisturise skin. Get medical attention if irritation persists after washing.

Eye contact

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. 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 discomfort if swallowed. May cause stomach pain or vomiting.

Skin contact

Prolonged contact may cause redness, irritation and dry skin.

Eye contact

May cause blurred vision and serious eye damage.

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 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

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

SECTION 6: Accidental release measures

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.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Avoid spilling. Avoid contact with skin and eyes. Good personal hygiene procedures should be implemented. Follow instructions and ensure correct dilution of this product before use.

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. Keep above the chemical's freezing point to avoid rupturing the container.

Storage class

Chemical storage.

7.3. Specific end use(s)

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

Occupational exposure limits

SODIUM HYDROXIDE

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

WEL = Workplace Exposure Limit

Smartbus Extra (g)**C9-C11 Alcohol ethoxylate (6) (CAS: 68439-46-3)****Ingredient comments**

No exposure limits known for ingredient(s).

Tetrapotassium Pyrophosphate (CAS: 7320-34-5)**Ingredient comments**

No exposure limits known for ingredient(s).

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

8.2. Exposure controls**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

Wear protective gloves made of the following material: Rubber (natural, latex). Polyvinyl chloride (PVC). It is recommended that gloves are made of the following material: Nitrile rubber. 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. It should be noted that liquid may penetrate the gloves. Frequent changes are recommended. Use thin cotton gloves inside the rubber gloves if allergy risk.

Other skin and body protection

Provide eyewash station.

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. 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. If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Combination filter, type A2/P3. Gas mask with canister providing protection against the chemical of concern (chin-style or front- or back-mounted).

SECTION 9: Physical and Chemical Properties**9.1. Information on basic physical and chemical properties****Appearance**

Liquid.

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Colour

Fluorescent. Green.

Odour

Lemon.

Odour threshold

Not available. Not available.

pH

pH (concentrated solution): ~ 13.6 pH (diluted solution): ~ 10.2 @ 1%

Melting point

~ 0°C

Initial boiling point and range

~100°C @°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

~1.050 @ (20°C)°C

Solubility(ies)

Soluble in water. Miscible with water.

Partition coefficient

Not available.

Auto-ignition temperature

Not applicable.

Decomposition Temperature

Not available.

Viscosity

~ 1 cSt @ °C

Oxidising properties

Not applicable.

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 0 g/litre.

SECTION 10: Stability and reactivity

10.1. Reactivity

The following materials may react strongly with the product: Strong acids. Chlorohydrocarbons. Strong oxidising agents.

10.2. Chemical stability**Stability**

No particular stability concerns. Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Not applicable. Will not polymerise.

10.4. Conditions to avoid

There are no known conditions that are likely to result in a hazardous situation. Avoid excessive heat for prolonged periods of time.

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10.5. Incompatible materials

Materials to avoid

Strong acids. Strong oxidising agents.

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Other health effects

There is no evidence that the product can cause cancer. IARC Not Listed. OSHA Not Regulated. NTP Not Listed.

Acute toxicity - oral

ATE oral (mg/kg)

10,638.29787234

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. Irritating.

General information

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

Inhalation

May cause respiratory system irritation.

Ingestion

May cause discomfort if swallowed.

Skin contact

Irritating to skin.

Eye contact

Irritating to eyes. Risk of serious damage to eyes.

Acute and chronic health hazards

No specific long-term effects known.

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.

Medical considerations

Skin disorders and allergies.

Toxicological information on ingredients.

C9-C11 Alcohol ethoxylate (6)

Other health effects

There is no evidence that the product can cause cancer.

Tetrapotassium Pyrophosphate

Other health effects

There is no evidence that the product can cause cancer. IARC Not Listed. NTP Not Listed. ACGIH Carcinogen List.

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SODIUM HYDROXIDE

Other health effects

There is no evidence that the product can cause cancer.

Acute toxicity - oral**Acute toxicity oral (LD50 mg/kg)**

2,000

Species

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**

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

Aspiration hazard

Not anticipated to present an aspiration hazard, based on chemical structure.

Skin contact

Not a skin sensitiser.

Route of entry

Skin absorption Ingestion. Skin and/or eye contact

Target organs

No specific target organs known.

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

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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.

SODIUM HYDROXIDE

Ecotoxicity

The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

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

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.

C9-C11 Alcohol ethoxylate (6)

Acute toxicity - fish

LC , 96 hours: 10 mg/l, Fish

Acute toxicity - aquatic invertebrates

EC , 48 hours: 10 mg/l, Daphnia magna

Acute toxicity - aquatic plants

IC , 72 hours: 10 mg/l, Algae

SODIUM HYDROXIDE

Acute toxicity - fish

LC50, 48 hours: ~ 189 mg/l, Leuciscus idus (Golden orfe) LC , 96 hours: 125 mg/l, Fish

Acute toxicity - aquatic invertebrates

EC , 48 hours: > 100 mg/l, Daphnia magna EC , 48 hours: 40-240 mg/l, Daphnia magna

Acute toxicity - aquatic plants

Not known.

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

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Persistence and degradability

The product is biodegradable. 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.

C9-C11 Alcohol ethoxylate (6)

Persistence and degradability

The product is biodegradable. This surfactant complies 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.

Tetrapotassium Pyrophosphate

Persistence and degradability

The product is biodegradable.

SODIUM HYDROXIDE

Persistence and degradability

The product is biodegradable.

Stability (hydrolysis)

Not applicable.

Biological oxygen demand

~ 0 g O2/g substance

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

Not available.

Ecological information on ingredients.

C9-C11 Alcohol ethoxylate (6)

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

Tetrapotassium Pyrophosphate

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

SODIUM HYDROXIDE

The product is not bioaccumulating.

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 is soluble in water.

Smartbus Extra (g)**Ecological information on ingredients.****C9-C11 Alcohol ethoxylate (6)****Mobility**

The product is soluble in water.

Tetrapotassium Pyrophosphate**Mobility**

The product is soluble in water.

SODIUM HYDROXIDE**Mobility**

The product is soluble in water.

Henry's law constant

The product contains mainly inorganic substances which are not biodegradable.

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.

12.5. Results of PBT and vPvB assessment

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

Ecological information on ingredients.**C9-C11 Alcohol ethoxylate (6)**

This substance is not classified as PBT or vPvB according to current EU criteria.

Tetrapotassium Pyrophosphate

This substance is not classified as PBT or vPvB according to current EU criteria.

SODIUM HYDROXIDE

This substance is not classified as PBT or vPvB according to current EU criteria.

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

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

Ecological information on ingredients.**Tetrapotassium Pyrophosphate**

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

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. 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. Packaging: Reuse or recycle products wherever possible.

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

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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	III
IMDG packing group	III
ICAO packing group	III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

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.

Health and environmental listings

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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 rbutler@autosmart.co.uk Tel +44 (0)1543 481616

Revision date 11/11/2014

Revision 15

Supersedes date 10/11/2014

SDS status Approved.

Risk phrases in full

R22 Harmful if swallowed.
R35 Causes severe burns.
R36 Irritating to eyes.
R38 Irritating to skin.
R41 Risk of serious damage to eyes.

Hazard statements in full

H290 May be corrosive to metals.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
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.