SAFETY DATA SHEET
NO.66 CLEAN ALL

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

1.1. Product identifier

Product name NO.66 CLEAN ALL

Product number 66005, 66025, 66200, 661000

Internal identification 66/RC6/280710

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

Identified uses Detergent for use on motor vehicles.

1.3. Details of the supplier of the safety data sheet

Supplier

Autoglym
Works Road
Letchworth
Herts
SG6 1LU
UK
sds@autoglym.com

1.4. Emergency telephone number

Emergency telephone +44 (0) 1462 489498 (24Hrs)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Met. Corr. 1 - H290

Health hazards Skin Corr. 1C - H314 Eye Dam. 1 - H318

Environmental hazards Not Classified

2.2. Label elements

Pictogram

Signal word Danger

Hazard statements

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

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Precautionary statements	P260 Do not breathe vapour/ spray. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. 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. P310 Immediately call a POISON CENTER/ doctor.
Contains	Disodium Metasilicate Pentahydrate, 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts, Sodium Hydroxide
Detergent labelling	5 - < 15% amphoteric surfactants, < 5% non-ionic surfactants
Supplementary precautionary statements	P501 Dispose of contents/ container in accordance with national regulations.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

3-Butoxypropan-2-ol **1-5%**

CAS number: 5131-66-8 | EC number: 225-878-4 | REACH registration number: 01-2119475527-28-XXXX

Classification
Skin Irrit. 2 - H315
Eye Irrit. 2 - H319

Classification (67/548/EEC or 1999/45/EC)
Xi;R36/38

Disodium Metasilicate Pentahydrate **1-5%**

CAS number: 6834-92-0 | EC number: 229-912-9 | REACH registration number: 01-2119449811-37-XXXX

Classification
Skin Corr. 1B - H314
Eye Dam. 1 - H318
STOT SE 3 - H335

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts **1-5%**

CAS number: — | EC number: 931-296-8 | REACH registration number: 01-2119488533-30-XXXX

Classification
Eye Dam. 1 - H318
Aquatic Chronic 3 - H412

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Sodium Hydroxide		**1-5%**
CAS number: 1310-73-2	EC number: 215-185-5	REACH registration number: 01-2119457892-27-XXXX

Classification	**Classification (67/548/EEC or 1999/45/EC)**
Skin Corr. 1A - H314 Eye Dam. 1 - H318	C;R35

Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides		**<1%**
CAS number: 85409-23-0	EC number: 287-090-7	
M factor (Acute) = 10		

Classification
Acute Tox. 4 - H302
Skin Corr. 1B - H314
Eye Dam. 1 - H318
Aquatic Acute 1 - H400

Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides		**<1%**
CAS number: 68391-01-5	EC number: 269-919-4	
M factor (Acute) = 10		

Classification
Acute Tox. 4 - H302
Skin Corr. 1B - H314
Eye Dam. 1 - H318
Aquatic Acute 1 - H400

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 and keep warm and at rest in a position comfortable for breathing.

Ingestion IF SWALLOWED: Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention.

Skin contact After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Get medical attention if irritation persists after washing.

Eye contact Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 15 minutes and get medical attention.

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

Inhalation Corrosive to the respiratory tract. May cause coughing and difficulties in breathing. Congestion of the lungs may occur, producing severe shortness of breath. Coughing, chest tightness, feeling of chest pressure.

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Ingestion	Causes burns. Burning sensation in mouth. Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.
Skin contact	This product is corrosive. Severe skin irritation.
Eye contact	This product is corrosive. May cause chemical eye burns. May cause serious eye damage. Profuse watering of the eyes.

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire.
Unsuitable extinguishing media	None known.

5.2. Special hazards arising from the substance or mixture

Specific hazards	The product is not flammable.
Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Hydrogen chloride (HCl). Phosgene ($COCl_2$).

5.3. Advice for firefighters

Protective actions during firefighting	No specific firefighting precautions known.
Special protective equipment for firefighters	Use protective equipment appropriate for surrounding materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions	The product is not expected to be hazardous to the environment. The product is biodegradable but it must not be discharged into drains without permission from the authorities.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Take care as floors and other surfaces may become slippery. Absorb spillage with sand or other inert absorbent. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

6.4. Reference to other sections

Reference to other sections	For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions	Read label before use. For personal protection, see Section 8. Do not breathe mist. Use only in well-ventilated areas.
Advice on general occupational hygiene	Do not eat, drink or smoke when using this product. Provide eyewash station. Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

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Storage precautions Store in a cool and well-ventilated place. Store in a closed container.

Storage class Corrosive storage.

7.3. Specific end use(s)

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

8.2. Exposure controls

Protective equipment

Appropriate engineering controls Provide adequate ventilation.

Eye/face protection Wear eye protection.

Hand protection For exposure up to 8 hours, wear gloves made of the following material: Nitrile rubber. The breakthrough time for any glove material may be different for different glove manufacturers.

Other skin and body protection Wear protective clothing.

Respiratory protection If ventilation is inadequate, suitable respiratory protection must be worn.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance Clear liquid.

Colour Yellow.

pH pH (concentrated solution): 13.52

Initial boiling point and range 100°C @

Flash point Not applicable.

Upper/lower flammability or explosive limits Not applicable.

Relative density ~ 1.0528

Solubility(ies) Completely soluble in water.

Auto-ignition temperature Not applicable.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity The reactivity data for this product will be typical of those for the following class of materials: Mineral acids. Oxidising agents.

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10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions The following materials may react with the product: Strong acids.

10.4. Conditions to avoid

Conditions to avoid Avoid heat.

10.5. Incompatible materials

Materials to avoid Avoid contact with the following materials: Strong alkalis. Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products Thermal decomposition or combustion products may include the following substances: Hydrogen chloride (HCl). Phosgene ($COCl_2$).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation

Human skin model test Corrosive to skin.

Serious eye damage/irritation

Serious eye damage/irritation Corrosivity to eyes is assumed.

SECTION 12: Ecological Information

12.1. Toxicity

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

12.2. Persistence and degradability

Persistence and degradability The product is readily biodegradable.

Phototransformation Not known.

Stability (hydrolysis) Not known.

Biodegradation Expected to be readily biodegradable.

Biological oxygen demand Not determined.

Chemical oxygen demand Not determined.

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Dispose of waste product or used containers in accordance with local regulations

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1760

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UN No. (IMDG)	1760
UN No. (ICAO)	1760
UN No. (ADN)	1760

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	CORROSIVE LIQUID, N.O.S. (Sodium Hydroxide)
Proper shipping name (IMDG)	CORROSIVE LIQUID, N.O.S. (Sodium Hydroxide)
Proper shipping name (ICAO)	CORROSIVE LIQUID, N.O.S. (Sodium Hydroxide)
Proper shipping name (ADN)	CORROSIVE LIQUID, N.O.S. (Sodium Hydroxide)

14.3. Transport hazard class(es)

ADR/RID class	8
ADR/RID classification code	C9
ADR/RID label	8
IMDG class	8
ICAO class/division	8
ADN class	8

Transport labels

14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ADN 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
ADR transport category	3
Emergency Action Code	2X
Hazard Identification Number (ADR/RID)	80
Tunnel restriction code	(E)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

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Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation

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).
Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended).

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date	23/04/2015
Revision	2
SDS number	20899
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. H335 May cause respiratory irritation. H400 Very toxic to aquatic life. H412 Harmful to aquatic life with long lasting effects.
Signature	Daniel Higgs