



SAFETY DATA SHEET NO.51 LIQUID CLAY

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

1.1. Product identifier

Product name NO.51 LIQUID CLAY
Product number 51005, 51025
Internal identification IFR/14/041115

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

Identified uses Preparation for the removal of contaminants from vehicle paintwork.

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 Not Classified
Health hazards Acute Tox. 4 - H302 Eye Irrit. 2 - H319 Skin Sens. 1 - H317
Environmental hazards Not Classified

2.2. Label elements

Pictogram



Signal word Warning
Hazard statements H302 Harmful if swallowed.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.

NO.51 LIQUID CLAY

Precautionary statements	<p>P102 Keep out of reach of children.</p> <p>P264 Wash hands thoroughly after handling.</p> <p>P280 Wear protective gloves, eye and face protection.</p> <p>P261 Avoid breathing spray.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</p> <p>P301+P312 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell.</p>
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Contains Sodium mercaptoacetate

Detergent labelling < 5% anionic surfactants, perfumes

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

Sodium mercaptoacetate	5-10%
CAS number: 367-51-1	EC number: 206-696-4
	REACH registration number: 01-2119968564-24-XXXX

Classification

Met. Corr. 1 - H290
 Acute Tox. 3 - H301
 Acute Tox. 4 - H312
 Skin Sens. 1 - H317

Alcohols, C12-14, ethoxylated, sulfates, sodium salts	1-5%
CAS number: 68891-38-3	EC number: 500-234-8
	REACH registration number: 01-2119488639-16-XXXX

Classification

Skin Irrit. 2 - H315
 Eye Dam. 1 - H318
 Aquatic Chronic 3 - H412

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: Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention immediately.
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.

NO.51 LIQUID CLAY

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 May cause respiratory system irritation.

Ingestion Headache. Dizziness. Fatigue. Gastrointestinal symptoms, including upset stomach.

Skin contact May cause sensitisation or allergic reactions in sensitive individuals.

Eye contact Irritating to eyes. May cause severe eye irritation. 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 (COCl₂).

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.

NO.51 LIQUID CLAY

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

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

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	Colourless.
Odour	Citrus.
Odour threshold	No information available.
pH	pH (concentrated solution): 6.3
Melting point	No information available.
Initial boiling point and range	100°C
Flash point	Not applicable.
Evaporation rate	No information available.
Evaporation factor	No information available.
Upper/lower flammability or explosive limits	Not applicable.
Vapour pressure	No information available.
Vapour density	No information available.
Relative density	~ 1.07

NO.51 LIQUID CLAY

Solubility(ies)	Miscible with water.
Partition coefficient	No information available.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	No information available.

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.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	The following materials may react with the product: Strong alkalis.
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10.4. Conditions to avoid

Conditions to avoid	Avoid heat.
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10.5. Incompatible materials

Materials to avoid	Avoid contact with the following materials: Strong alkalis. Strong oxidising agents.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Thermal decomposition or combustion products may include the following substances: Hydrogen chloride (HCl). Phosgene (COCl ₂).
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg)	1,029.6
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Acute toxicity - dermal

ATE dermal (mg/kg)	11,325.61
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Serious eye damage/irritation

Serious eye damage/irritation	Irritation of eyes is assumed.
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Skin sensitisation

Skin sensitisation	May cause sensitisation or allergic reactions in sensitive individuals.
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SECTION 12: Ecological Information

12.1. Toxicity

Toxicity	The product is not expected to be hazardous to the environment.
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12.2. Persistence and degradability

Persistence and degradability	The product is readily biodegradable.
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NO.51 LIQUID CLAY

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

Partition coefficient	No information available.
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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
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SECTION 14: Transport information

General	The product is not covered by international regulations 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)

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 MARPOL and the IBC Code

Transport in bulk according to Not applicable.

**Annex II of MARPOL 73/78
and the IBC Code**

SECTION 15: Regulatory information

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

NO.51 LIQUID CLAY

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	22/08/2017
Revision	1
SDS number	21823
Hazard statements in full	H290 May be corrosive to metals. H301 Toxic if swallowed. H302 Harmful if swallowed. H312 Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects.
Signature	Daniel Higgs

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.