

[102] OVERRIDE - Alkaline Wheel and Tyre Cleaner

Automotive Wheel Cleaner / Tyre and Rubber Degreaser

Product name	Modulus [102] OVERRIDE
Product description	Alkaline Wheel and Tyre Cleaner
Product form	Liquid / Mixture
UFI	SN80-F0DK-U009-VRE2
SDS version	1.0
Revision date	17/04/2026
Prepared by	Modulus Group Limited

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

1.1 Product identifier	Modulus [102] OVERRIDE
Product form	Liquid / Mixture
UFI	SN80-F0DK-U009-VRE2
Synonyms	Alkaline Wheel Cleaner Tyre and Rubber Degreaser Non-Acid Wheel Decontaminant
1.2 Relevant identified uses	PC35: Washing and cleaning products (Automotive). For use as a high-performance alkaline wheel and tyre cleaner.
Uses advised against	Use only as directed on the product label. Do not mix with other chemicals. Avoid use on sensitive surfaces without testing first.
1.3 Supplier	Modulus Group Limited 66 Paul Street London England EC2A 4NA
1.4 Emergency telephone number	07789940713

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture	Skin Irritation, Category 2 Eye Irritation, Category 2
2.2 Label elements	
Hazard pictograms	GHS07 - Exclamation mark
Signal word	WARNING
Hazard statements	H315: Causes skin irritation. H319: Causes serious eye irritation.
Precautionary statements	P264: Wash hands and exposed skin thoroughly after handling. P280: Wear protective gloves and eye protection. P261: Avoid breathing spray/mists.
2.3 Other hazards	None under normal conditions. May be slippery if spilled.
2.4 Unknown acute toxicity	0%

SECTION 3: Composition/information on ingredients

3.1 Substance	Not applicable. This product is a mixture.
---------------	--

3.2 Mixture - hazardous or relevant components

Component	CAS No.	Concentration	Classification
Alcohol Ethoxylate	68439-46-3	10 - 20%	Acute Tox. 4 (Oral), H302; Eye Dam. 1, H318
Sodium Metasilicate	6834-92-0	<5%	Met. Corr. 1, H290; Skin Corr. 1B, H314; STOT SE 3, H335
Butyl Glycol	111-76-2	5 - 10%	Acute Tox. 4 (Oral), H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319
Lauramine Oxide	1643-20-5	5 - 10%	Skin Irrit. 2, H315; Eye Dam. 1, H318; Aquatic Acute 1, H400
EDTA (Tetrasodium)	64-02-8	1 - 5%	Acute Tox. 4 (Oral), H302; Eye Dam. 1, H318
Water (Deionised)	7732-18-5	Balance	Not Classified

Full text of H-phrases: see Section 16.

SECTION 4: First aid measures

General first aid	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice and show the label where possible.
Inhalation	Remove person to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.

Skin contact	Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.
Ingestion	Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor.
Most important symptoms/effects	Inhalation: May cause respiratory irritation if inhaled as a fine mist. Skin contact: Causes skin irritation. Redness or itching. Eye contact: Causes serious eye irritation. Redness, stinging and watering.
Immediate medical attention / special treatment	Treat symptomatically.

SECTION 5: Firefighting measures

Suitable extinguishing media	Foam, dry powder, carbon dioxide, water spray or sand.
Unsuitable extinguishing media	Do not use a heavy water stream as this may spread the chemical.
Special hazards	Not flammable. Explosion hazard not applicable. Thermal decomposition generates irritating vapours including carbon oxides and nitrogen oxides.
Advice for firefighters	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Wear self-contained breathing apparatus (SCBA) and protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions	Wear recommended PPE including chemical-resistant gloves and safety glasses. Evacuate unnecessary personnel. Ensure adequate ventilation.
For non-emergency personnel	Evacuate unnecessary personnel. Wear chemical-resistant gloves and safety glasses.
For emergency personnel	Ventilate area. Equip cleanup crew with proper protection.
6.2 Environmental precautions	Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.
6.3 Methods and materials	Soak up spills with inert solids such as sand or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. Small spills can be diluted with plenty of water and mopped up.
6.4 Reference to other sections	See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: Handling and storage

7.1 Precautions for safe handling	Ensure good ventilation in the workspace. Avoid breathing spray mists. Wash hands and other exposed areas with mild soap and water before eating, drinking, smoking and when leaving work. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.
Safety gear	Use nitrile gloves and eye protection to prevent skin drying and eye irritation from splashes or mists.
7.2 Conditions for safe storage	Keep only in the original container. Keep container closed when not in use. Store in a cool, well-ventilated place away from direct sunlight. Store between 5°C and 30°C to prevent surfactant separation or freezing.
Incompatible products/materials	Strong acids. Strong oxidizing agents. Avoid prolonged storage in contact with reactive metals such as aluminium and zinc. Keep away from heat to preserve shelf life.
7.3 Specific end use(s)	Automotive cleaning. For use as a high-performance alkaline wheel and tyre cleaner. Use only as directed on the product label.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters	Butyl Glycol (CAS 111-76-2): UK WEL TWA: 25 ppm (123 mg/m3). UK WEL STEL: 50 ppm (246 mg/m3).
8.2 Appropriate engineering controls	Avoid all unnecessary exposure. Ensure adequate ventilation, especially when spraying in confined areas.
Eye/face protection	Wear safety glasses with side shields or chemical goggles. Eye protection is essential when using trigger sprayers to prevent mist contact.
Hand protection	Wear chemical-resistant gloves. Nitrile rubber is recommended.
Skin/body protection	Wear suitable protective clothing. Nitrile, PVC or synthetic aprons are suitable for high-volume use.
Respiratory protection	Not required under normal use. In case of insufficient ventilation or spraying in confined areas, wear suitable respiratory

	equipment or ensure a high level of natural ventilation.
Environmental exposure controls	Avoid unnecessary release into the environment. Do not allow concentrated product to enter surface water drains.
General hygiene	Wash hands thoroughly after handling. Remove contaminated clothing and wash before reuse. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

Physical state	Liquid
Appearance	Clear, water-thin liquid
Odour	Mild, characteristic solvent odour
pH	11.5
Evaporation rate	No data available; estimated similar to water.
Melting point	Not applicable for this aqueous mixture.
Freezing point	Approximately 0°C (32°F), similar to water.
Boiling point	Approximately 100°C (212°F).
Flash point	No data available. Product is water-based and non-flammable.
VOC content	~95 g/L
Solubility	Completely miscible in water.
Viscosity	Water-thin (<10 mPa.s).
Metal corrosivity	Not classified as corrosive to metals at this concentration.

SECTION 10: Stability and reactivity

10.1 Reactivity	Stable under normal conditions.
10.2 Chemical stability	Stable under normal conditions of use.
10.3 Possibility of hazardous reactions	Stable under normal conditions. May react violently with strong acids. Contact with reactive metals such as aluminium, zinc or tin may produce flammable hydrogen gas.
10.4 Conditions to avoid	Do not mix with other chemicals. Avoid extreme temperatures, freezing or excessive heat.
10.5 Incompatible materials	Strong acids. Strong oxidizing agents. Reactive metals such as aluminium.
10.6 Hazardous decomposition products	Thermal decomposition can lead to the release of irritating gases and vapours such as carbon oxides (CO, CO ₂) and nitrogen oxides (NO _x).

SECTION 11: Toxicological information

Acute toxicity	Not classified. LD50 oral/dermal levels for the mixture are high.
Skin corrosion/irritation	Causes skin irritation (Category 2). May cause redness and dryness with prolonged contact.
Serious eye damage/irritation	Causes serious eye irritation (Category 2). May cause stinging, watering and redness.
Respiratory or skin sensitisation	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
STOT - Single exposure	May cause respiratory irritation if inhaled as a fine mist in enclosed spaces.
STOT - Repeated exposure	Not classified.
Aspiration hazard	Not classified.

SECTION 12: Ecological information

12.1 Toxicity	Large spills may be harmful to aquatic life due to high pH and surfactant load. Contains Lauramine Oxide, which is toxic to aquatic organisms.
12.2 Persistence and degradability	The surfactants contained in this mixture comply with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents.
12.3 Bioaccumulative potential	No bioaccumulation potential expected.
12.4 Mobility in soil	Soluble in water. Expected to have high mobility in soil.
12.5 Other adverse effects	None known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods	Dispose of in accordance with local and national regulations. Small amounts can be diluted with plenty of water and washed to a foul sewer if permitted by local water authorities. Do not discharge concentrated product into storm drains or watercourses.
Container disposal	Triple rinse the empty container with water. The cleaned plastic bottle is recyclable (HDPE/PET). Do not reuse the container for any other purpose.

SECTION 14: Transport information

Transport mode	Proper shipping name	Hazard class	Identification number	Packing group	Label codes / other
DOT	Not applicable.	Not regulated for transport.	Not applicable.	Not applicable.	ERG number: Not applicable.
IMDG	Not applicable.	Not applicable.	Not applicable.	Not applicable.	Subsidiary risks: Not applicable. Label codes: Not applicable. EmS-No. (Fire): Not applicable. EmS-No. (Spillage): S-C. MFAG Number: Not applicable.
IATA	Not applicable.	Not applicable.	Not applicable.	Not applicable.	Subsidiary risks: Not applicable. Label codes: Not applicable.

SECTION 15: Regulatory information

15.1 US Federal Regulations	TSCA Inventory: All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory. SARA Section 311/312 Hazard Classes: Health hazard - Skin corrosion or irritation; Serious eye damage or eye irritation. SARA Section 313: Contains Butyl Glycol (Glycol Ethers category), subject to reporting requirements.
15.2 US State Regulations	California Proposition 65: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. Right-to-Know: Contains Butyl Glycol (MA, NJ, PA) and Sodium Metasilicate (NJ, PA).

SECTION 16: Other information

Product code	102 OVERRIDE
Version	1.0
Revision date	17/04/2026
Prepared by	Modulus Group Limited
Training advice	Read the label and Safety Data Sheet before use.
Product use	For professional and consumer automotive detailing use.

Full text of H and P statements

Code	Phrase
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.
P261	Avoid breathing spray/mists.
P264	Wash hands and exposed skin thoroughly after handling.
P280	Wear protective gloves and eye protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Disclaimer: The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of its publication. It is designed only as guidance for safe handling, use, processing, storage and transportation. This information is based on current knowledge and is intended to describe the product for health, safety and environmental requirements only. It should not be construed as guaranteeing any specific property of the product.