

[104] KINETIC - Alkaline Snow Foam

High-performance alkaline snow foam concentrate

Product name	Modulus [104] Kinetic
Product description	Alkaline Snow Foam
Product form	Liquid / Mixture
UFI	SN80-F0DK-U009-X3X7
SDS version	1.0
Revision date	21/05/2026
Prepared by	Modulus Group Limited

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

1.1 Product identifier	Modulus [104] Kinetic
Product form	Liquid / Mixture
UFI	SN80-F0DK-U009-X3X7
Synonyms	Alkaline Snow Foam; High-performance snow foam concentrate
1.2 Relevant identified uses	Automotive cleaning product for pre-wash and snow foam application.
Uses advised against	Use only as directed on the product label. Do not mix with other chemicals.
1.3 Supplier	Modulus Group Limited 66 Paul Street London England EC2A 4NA
1.4 Emergency telephone number	Modulus: 07789940713 UK NPIS: 0344 892 0111

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture	Skin Corrosion, Category 1 Serious Eye Damage, Category 1 Specific Target Organ Toxicity - Single Exposure, Category 3
2.2 Label elements	
Hazard pictograms	GHS05 - Corrosion GHS07 - Exclamation mark
Signal word	DANGER
Hazard statements	H314: Causes severe skin burns and eye damage. H335: May cause respiratory irritation.
Precautionary statements	P260: Do not breathe mist/vapours/spray. P280: Wear protective gloves/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 or 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 or doctor/physician.
2.3 Other hazards	Large quantities may affect aquatic environments due to high pH values.
2.4 Unknown acute toxicity	No data available.

SECTION 3: Composition/information on ingredients

3.1 Substance	Not applicable. This product is a mixture.
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3.2 Mixture - hazardous or relevant components

Component	CAS No.	Concentration	Classification
Alcohol Ethoxylate	68439-46-3	10 - 30%	Acute Tox. 4 (Oral); Eye Dam. 1
Lauramine Oxide	1643-20-5	1 - 15%	Skin Irrit. 2; Eye Dam. 1; Aquatic Acute 1
Butyl Glycol	111-76-2	1 - 10%	Acute Tox. 4; Skin Irrit. 2; Eye Irrit. 2
Sodium Metasilicate	6834-92-0	1 - 5%	Met. Corr. 1; Skin Corr. 1B; STOT SE 3

Full text of H-phrases: see Section 16.

SECTION 4: First aid measures

Inhalation	Move exposed person to fresh air. If irritation persists, seek medical attention.
Skin contact	Immediately flush with water for at least 15 minutes while removing contaminated garments. Seek medical assistance.
Eye contact	Rinse open eyes under running water for a minimum of 15 minutes, lifting eyelids. Remove contact lenses if applicable. Seek immediate emergency ophthalmologist care.

Ingestion	Wash out mouth thoroughly with water. Do not induce vomiting. Seek emergency medical attention immediately.
Most important symptoms/effects	Causes severe skin burns and eye damage. May cause respiratory irritation.
Immediate medical attention / special treatment	Treat symptomatically. Have product container or label available.

SECTION 5: Firefighting measures

Suitable extinguishing media	Use media appropriate for surrounding fire: water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special hazards	Thermal decomposition can release toxic carbon and nitrogen oxides.
Advice for firefighters	Wear full self-contained breathing apparatus and protective chemical suits.

SECTION 6: Accidental release measures

Personal precautions	Wear appropriate PPE including safety goggles and chemical-resistant gloves. Keep unprotected personnel away.
Environmental precautions	Prevent entry into surface waters or public sewer systems.
Containment and clean-up	Absorb spill with inert material such as sand, earth or vermiculite. Transfer to suitable closed plastic container for disposal.
Reference to other sections	See Section 8 and Section 13.

SECTION 7: Handling and storage

Safe handling	Use in well-ventilated areas. Avoid direct contact with skin and eyes. Do not eat, drink or smoke when handling.
Storage	Store in tightly sealed original containers in a cool, dry, well-ventilated space. Protect from frost and freezing temperatures.
Incompatible packaging materials	None known. Recommended storage material: HDPE plastic.
Incompatible materials	Strong acids and strong oxidizing agents.

SECTION 8: Exposure controls/personal protection

Control parameters	Butyl Glycol (2-Butoxyethanol): UK WEL 8-hour TWA 25 ppm (123 mg/m ³); 15-minute STEL 50 ppm (246 mg/m ³).
Engineering controls	Ensure eyewash stations and safety showers are close to the workstation. Provide adequate local exhaust ventilation.
Eye protection	Tightly fitting safety goggles or face shield.
Hand protection	Chemical-resistant nitrile or PVC gloves.
Skin protection	Protective overalls or apron to shield against splashes.
Respiratory protection	Use suitable respiratory protective device if aerosol mists or vapours are generated.

SECTION 9: Physical and chemical properties

Physical state	Liquid
Appearance	Viscous liquid (liquid base).
Odour	Characteristic mild aroma.
pH	12.6 - 13.0 (concentrate)
Boiling point	>100 C
Flash point	Non-flammable.
Specific gravity	Approximately 1.05 - 1.08 g/cm ³
Solubility in water	100% soluble.

SECTION 10: Stability and reactivity

Reactivity	Stable under normal conditions.
Chemical stability	Stable under normal conditions.
Conditions to avoid	Extreme heat and freezing temperatures.
Incompatible materials	Strong acids and strong oxidizing agents.
Hazardous decomposition products	None known under standard storage conditions.

SECTION 11: Toxicological information

Acute oral toxicity	Harmful if swallowed in concentrated form.
Skin corrosion	Causes severe skin burns.
Eye damage	Causes serious eye damage. Risk of irreversible eye injury.
Carcinogenicity	No component present is identified as a known or suspected carcinogen.

SECTION 12: Ecological information

Ecotoxicity	Large quantities may affect aquatic environments due to high pH values.
Persistence and degradability	The surfactant elements meet standard regulatory requirements for primary biodegradability.
Bioaccumulative potential	No data available.
Mobility in soil	Product is fully water soluble.
Other adverse effects	Avoid release to the environment.

SECTION 13: Disposal considerations

Disposal methods	Dispose of waste concentrate as hazardous chemical waste via a licensed professional waste disposal contractor in accordance with local regulations.
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SECTION 14: Transport information

UN number	Not regulated as dangerous goods.
Proper shipping name	Not regulated as dangerous goods.
Transport hazard class	Not applicable.
Packing group	Not applicable.
Environmental hazards	No.
Special precautions	Always transport in upright, tightly sealed original containers. Ensure personnel handling packages know what to do in the event of accidental spillage.

SECTION 15: Regulatory information

Safety, health and environmental regulations	Classified and labelled according to UK CLP regulations. Compliant with UK REACH provisions.
Detergents Regulation	Contains 15% or over but less than 30% non-ionic surfactants (Alcohol Ethoxylate), less than 5% amphoteric surfactants (Lauramine Oxide), and amphoteric/chelating agents.

SECTION 16: Other information

Date of preparation	21/05/2026
Revision date	N/A (Version 1.0)
Full H phrases	H314: Causes severe skin burns and eye damage. H335: May cause respiratory irritation.

Disclaimer: This information is based on current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not be construed as guaranteeing any specific property of the product.