

MATERIAL SAFETY DATA SHEET

MSDS Revision No: 07
Revision Date: 01/01/02

Product name 5 Litre Alma Lemon Gel Floor Cleaner

Section 1 Identification of the substance / preparation and company

Date: 1st January 2002

Product Type Floor Cleaner
Physical Form Stiff Gel
Container Type 5 Litre HDPE, 28mm Wadded Cap

Company name Alma Hygiene Limited
Company address 280 Bannow Road
Cabra
Dublin 7
Ireland


Telephone (01) 836-3636
Fax (01) 838-9160

Section 2 Composition / information on ingredients

<u>NAME</u>	<u>RANGE</u>	<u>CAS No's</u>	<u>Risk Phrases</u>	<u>Classification</u>
Non-ionic Surfactants	0-5%		R36/38	Xi
1,8(9)-para-Menthadlene	0-3%	5989-27-5	R36/38	Xi
Propan-2-ol	0-3%	67-63-0		

Section 3 Hazard Identification

General Flammable. Irritating to eyes and skin.

Hazard Symbol  Irritant

Health Effects - Eyes Contact with eyes can cause irritation.

Health Effects - Skin Repeated or prolonged contact may produce defatting of the skin leading to irritation and dermatitis.

Health Effects - Ingestion Irritation of mouth, throat and digestive tract.

Health Effects - Inhalation Should not occur in normal use.

Risk Phrases R36/38 – Irritating to eyes and skin.

Safety Phrases S2 – Keep out of reach of children.
S24/25 – Avoid contact with skin and eyes.

Section 4 First-aid Measures

EYE: Immediately flood the eye with plenty of water for at least 10 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.

SKIN : Wash skin with soap and water.

INGESTION: Wash out mouth with water. Do not induce vomiting. Obtain medical attention.

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Section 5 *Fire Fighting measures*

Extinguishing Media Use water spray, foam, dry chemical or carbon dioxide.
Unsuitable Extinguishing Media Do not use water jet.
Special Hazards of product In fire conditions this product will burn to give a complex mixture of combustion and decomposition products. These are irritating to the eyes and nasal passages.
Protective Equipment for fire-fighting Wear self contained breathing apparatus.

Section 6 *Accidental release measures*

Personal Precautions Wear appropriate protective clothing.
Environmental Precautions Try to prevent the material from entering drains or water courses.
Spillage's Even a small spillage can present a slipping hazard. Contain and absorb using earth, sand or other inert material. Small spillage's may be flushed with large quantities of water.

Section 7 *Handling and Storage*

Handling Avoid contact with eyes, skin and clothing.
Storage Protect from frost.

Section 8 *Exposure Control/Personal Protection*

Occupational Exposure Standards
1,8(9)-para-Menthadiene UK EH40: OES 100ppm (560mg/m³) 8h TWA.
UK EH40: OES 150ppm (840mg/m³) 15min TWA.
Propan-2-ol UK EH40: OES 400ppm (980mg/m³) 8h TWA.
UK EH40 OES 500ppm (1225mg/m³) 15min TWA.
Respiratory Protection Respiratory protection not normally required. Respiratory protection if there is risk of breathing mists or vapours from heated material.
Hand Protection PVC or rubber gloves.
Eye Protection Wear glasses or goggles if splashing is likely.
Body Protection Protective overalls.

Section 9 *Physical and chemical properties*

Physical State	Stiff Opaque Gel	Thermal Stability	Stable @ 0&40C
Colour	Yellow	pH	9.0-10
Odour	Citrus	Specific Gravity@20C	From 0.940 to 1.040
Flash point at 0C	27		

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Section 10 Stability and Reactivity

Stability The material is stable under normal conditions of use
Conditions to Avoid Protect from Frost.
Hazardous Decomposition Products Combustion will generate: Oxides of Carbon. Acid smoke and irritating fumes.

Section 11 Toxicological information

Eye May cause significant eye irritation
Skin Prolonged contact may cause some irritation
Ingestion May be harmful if swallowed, causing some irritation of the mouth and upper respiratory tract
Inhalation Slight irritation possible with prolonged exposure

Section 12 Ecological Information

Mobility The Product will dissolve slowly in water.
Persistence / degradability The Product is expected to be partially or slowly biodegradable.


Section 13 Disposal Considerations

Product Disposal Dispose of via an authorised waste disposal contractor to an approved waste disposal site, observing all national and local authority regulations

Section 14 Transport Information

UN Number 1993
Road/rail (ARD/RID) Class 3. - 31 degrees Celsius
Sea (IMO/IMDG) Class 3.3

Section 15 Regulatory Information

Labelling Information  Irritant
R phrases R36/38 – Irritating to eyes and skin.
S phrases S2 – Keep out of reach of children.
S24/25 – Avoid contact with skin and eyes.

Section 16 Further Information

For further information please contact our Technical Department on ++ 353 1 868-3477