



INVENTED TO LAST

كيماويات السعودية

Saudi Chem

HAZM 101

GUN-KLEEN

MATERIAL SAFETY DATA SHEET

SECTION 1:

Identification of the Substance/
Mixture and of the Company/
Undertaking

1.1. Product Identifier:

Product name: HAZM 101
Product Code: SC-700A1.2 Relevant Identified Uses of the Substance or Mixture and Uses
Advised Against:

Cleaning agent

1.3. Details of the Supplier of the Safety Data Sheet:

Company: Saudi Chem Co.
Address: P.O. Box 70108
Al Khobar 31952
Kingdom of Saudi Arabia
Telephone: +966 13 812 1166 | +966 13 847 6467
Fax: +966 13 847 6985
Email: solutions@saudichem.com

SECTION 2:

Hazards Identification

2.1. Classification of the substance or mixture

Classification (CHIP): Xi: R36/38
Classification (CLP): Skin Irrit. 2: H315 / Eye Irrit. 2: H320Most important adverse
effects: Irritating to eyes and skin

2.2. Label elements

Label elements under CLP (1272/2008):

Hazard statements:
H315: Causes skin irritation.
H320: Causes eye irritation.
Signal words: Warning
Hazard pictograms: 
GHS07: Exclamation
Precautionary statements:
P102: Keep out of reach of children
P264: Wash hands thoroughly after handling.
P280: Wear protective gloves / eye protection /
face protection.
P301+312: IF SWALLOWED:
Call a POISON CENTER or doctor/physician
if you feel unwell.
P101: If medical advice is needed, have product container
or label at hand.
P305+351+338: IF IN EYES:
Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do.
Continue rinsing.
P233: Keep container tightly closed.
P234: Keep only in original container.

Label elements under CHIP (1999/45/EC):

Hazard symbols: 
Xi: Irritant.
Risk phrases:
R36/38: Irritating to eyes and skin.
Safety phrases:
S2: Keep out of the reach of children.
S24/25: Avoid contact with skin and eyes.
S26: In case of contact with eyes, rinse immediately with
plenty of water and seek medical advice.
S28: After contact with skin, wash immediately with
plenty of water.

2.3. Other hazards

PBT: This product is not identified as a PBT substance.

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SECTION 3:

Composition/information on ingredients

3.2. Mixtures 67/548/EEC / 1999/45/EC

Chemical Name	CAS No.	Conc. (%w/w)	Classification
Nonionic Surfactant	68439-45-2	1 - 5 %	Xn: R22; Xi: R41 Eye Dam. 1, H318; Acute Tox. 4, H302
Sodium Metasilicate	10213-79-3	1 - 5 %	C: R34; Xi; R37 Skin Corr. 1B: H314; STOT SE 3: H335
Anionic Surfactant	1300-72-7	5 - 15 %	Xi; R36 Eye Irrit. 2, H319
2-Butoxy Ethanol	111-76-2	5 - 15 %	Xn; R20/21/22, Xi; R36/38 Acute tox, Inh 4, H332; Acute tox, Dermal 4, H312; Acute tox, Oral 4, H302; Eye irrit, 2, H319; Skin irrit, 2), H315

SECTION 4:

First aid measures

4.1. Description of first aid measures

Inhalation	May cause irritation to respiratory system. Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.
Eye contact	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Ingestion may cause nausea and vomiting. May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

SECTION 5:

Firefighting measures

5.1. Extinguishing media

Water spray, Alcohol resistant foam. Carbon dioxide (CO₂). Dry powder. Cool fire exposed containers with water spray.

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for fire-fighters

Wear protective equipment. Self-contained breathing apparatus.

SECTION 6:

Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with the eyes and skin. Ensure adequate ventilation of the working area. Wear suitable protective equipment.

6.2. Environmental precautions

Do not allow product to enter drains or any water course. Prevent further spillage if safe. Advise local authorities if large spills cannot be contained.

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal.

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SECTION 7:

Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Use in a well-ventilated area.

7.2. Conditions for safe storage, including any incompatibilities

Keep out of the reach of children.

Store in cool, well ventilated area. Keep container tightly closed.

SECTION 8:

Exposure controls/
personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

Not applicable

8.2. Exposure controls

Respiratory protection: Do not breathe dust/fume/gas/mist/vapour/spray. Wear suitable respiratory equipment when necessary.

Hand protection: Chemical resistant gloves (PVC).

Eye protection: Avoid contact with eyes. In case of splashing, wear eye protection.

Protective equipment: Avoid contact with eyes and skin. Immediately remove all soiled and contaminated clothing. Wash all contaminated clothing before reuse.

SECTION 9:

Physical and chemical
properties

9.1. Information on basic physical and chemical properties

Appearance:	Liquid
Colour:	Blue
Odour:	Characteristic
Odour threshold:	Not determined.
pH-value at 20 °C:	13.0 ± 0.5
Melting point:	Not determined.
Boiling point:	Not determined.
Flash point:	Not determined.
Flammability (solid, gaseous):	Not applicable.
Auto-ignition temp.:	Not determined.
Decomposition temp.:	Not determined.
Self-igniting:	Not determined.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	Not determined.
Vapour pressure:	Not determined.
Density at 20 °C:	1.050 g/cm ³
Relative density:	Not determined.
Vapour density:	Not determined.
Evaporation rate:	Not determined.
Solubility in / Miscibility with water:	Fully miscible.
Oxidizing properties:	Not determined.
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic at 20 °C:	Not determined.
Kinematic:	Not determined.

9.2 Other information:

No further relevant information available.

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SECTION 10: Stability and reactivity

10.1 Reactivity:

Not determined.

10.2. Chemical stability

Stable under normal conditions.

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions:

Hazardous reactions will not occur under normal transport or storage conditions.

10.4 Conditions to avoid

Heat.

10.5 Incompatible materials:

Strong oxidizing agents. Strong acids.

10.6 Hazardous decomposition products:

In combustion emits toxic fumes.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity: Not determined

Primary irritant effect:

on the skin:

There may be irritation and redness at the site of contact.

on the eye:

There may be irritation and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. There may be permanent damage.

Sensitization:

No sensitizing effects known.

Additional toxicological information:

No further relevant information available.

SECTION 12: Ecological information

12.1 Toxicity

Not determined.

12.2 Persistence and degradability

The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) N° 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request or at the request of a detergent manufacturer.

12.3 Bioaccumulative potential

No further relevant information available.

12.4 Mobility in soil

Mobility:

Soluble in water.

12.5 Results of PBT and vPvB assessment

PBT:

Not applicable.

vPvB:

Not applicable.

12.6 Other adverse effects:

No further relevant information available.

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SECTION 13:

Disposal considerations

SECTION 14:

TRANSPORT INFORMATION

SECTION 15:

REGULATORY INFORMATION

SECTION 16:

OTHER INFORMATION

General information

Do not allow product to enter drains.

Uncleaned packaging:

Recommendation:

Disposal must be made according to official regulations. Dispose of as normal industrial waste.

Transport class:

This product does not require a classification for transport.

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

Labelling according to Regulation (EC) No 1272/2008

This safety data sheet is in compliance with the Regulation (EC) N° 1907/2006

Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

Revision:

This document differs from the previous version in the following areas:

Not applicable.

Full text of classifications [CLP/GHS]

H302:	Harmful if swallowed
H312:	Harmful in contact with skin
H314:	Causes severe skin burns and eye damage
H315:	Causes skin irritation.
H318:	Causes serious eye damage
H319:	Causes serious eye irritation
H320:	Causes eye irritation
H332:	Harmful if inhaled
H335:	May cause respiratory irritation

Further information:

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.

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