



# Safety data sheet

## Kema GF-154L Glas cleaner

### 1. Identification of the substance/preparation and of the company/undertaking

Revision: 25-03-2010/ HN Replaces: 08-05-2006	Distributor: <b>ITW Chemical Products Scandinavia</b> <b>Priorsvej 36</b> <b>8600 Silkeborg</b>
<b>Product use:</b> Glass Cleaner.	<b>Tel:(+45) 86 82 64 44 Fax:(+45) 86 82 64 64</b> <b>Emergency telephone number: + 45 86 82 64 44</b> <b>Emergency telephone number between 8 and 15.30 ;</b> <b>Monday to Friday.</b> <b>Contact person:Marlene Hesselberg</b> <b>Email: info@itw-scan.com</b>
<b>Article no.:</b> 8032 (5L), 8038 (200L)	

### 2. Hazards identification

The product shall not be classified as hazardous according to the national classification and labelling rules.
<b>Additional information</b> Material may cause slight irritation on prolonged or repeated contact. The product releases vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication.

### 3. Composition/information on ingredients

Einecs no.	CAS No.	Substances	Classification	w/w%
-	-	Water	-	70-80
215-647-6	1336-21-6	ammonia 24 %	C;R34 N;R50	< 1
200-578-6	64-17-5	ethanol	F;R11	10-20
200-661-7	67-63-0	Propan-2-ol	F;R11 Xi;R36 R67	5-10

Please see section 16 for the full text of the R-phrases

### 4. First aid measures

<b>Inhalation</b> Seek fresh air. Seek medical advice if symptoms persist.
<b>Ingestion</b> Wash out mouth thoroughly and drink plenty of water. Seek medical advice if symptoms persist.
<b>Skin</b> Wash skin with soap and water. Remove contaminated clothing. Use a moisture cream.
<b>Eyes</b> Flush immediately with water (preferably using eye wash equipment) for at least 5 minutes. Open eye wide. Remove any contact lenses. Seek medical advice if symptoms persist.
<b>Burns</b> Flush with water until pain ceases. Remove clothing that is not stuck to the skin – seek medical advice/transport to hospital. If possible, continue flushing until medical attention is obtained.
<b>Other information</b> When obtaining medical advice, show the safety data sheet or label.

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### 5. Fire-fighting measures

The product is not directly flammable. Avoid inhalation of vapour and flue gases – seek fresh air. Extinguish with powder, foam, carbon dioxide or water mist. Do not use water stream, as it may spread the fire. Use water or water mist to cool non-ignited stock. Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases – seek fresh air. Fire fighters should wear self-contained breathing apparatus.

### 6. Accidental release measures

Use the same personal protective equipment as stated in section 8. Ventilate the area. Contain and absorb spill with sand, cat litter or other absorbent material and transfer to suitable waste containers. See section 13 for instructions on disposal. Prevent spillage from entering drains and/or surface water. Notify proper authorities in case of contamination of soil or aquatic environment or discharge to drains.

### 7. Handling and storage

#### Handling

Contains organic solvents. Please see item 8 for information on personal protection.

#### Storage

Keep container tightly closed to avoid spillage and contamination of the product. Store in a cool place in the original packing. Storage temperature should be controlled to between 5 and 30 °C.

### 8. Exposure controls/ personal protection

#### Precautions for use

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

#### Respiratory protection

In most cases a mask with a filter insert for hydrocarbon solvents is adequate, as the product normally is used only for a short period of time.

#### Gloves and protective clothing

Wear protective gloves made of nitrile rubber, butyl rubber

#### Eye protection

Wear safety goggles if there is a risk of eye splash.

#### Occupational exposure limits

Ingredients	Exposure limit	Remarks

The exposure limits stated are in accordance with EH40/2002 Occupational Exposure Limits 2002.

#### Control methods

Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.

### 9. Physical and chemical properties

Appearance: Clear foaming liquid.  
Odour: Cleaning agent.  
Relative density (g/ml): 0,93 g/ml  
Solubility in water (g/100 ml): Soluble.

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### 10. Stability and reactivity

Stabile under recommended storage and handling conditions. The self life for the product is at least 2 years from date of production. Hazardous decomposition products: Carbon monoxide, carbon dioxide, smoke and oxides of nitrogen.

Reacts with strong oxidizing agents.

### 11. Toxicological information

#### **Acute**

##### **Inhalation**

The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication.

##### **Ingestion**

Ingestion of large quantities may cause discomfort. May cause chemical pneumonia if vomited.

##### **Skin contact**

Degreases and dries the skin. Repeated exposure may cause skin dryness or cracking.

##### **Eye contact**

May cause eye irritation. Splashes in the eyes can cause redness and stinging.

#### **Long-term effects**

None known.

### 12. Ecological information

Do not discharge large quantities of concentrated spills and residue into drains.

#### **Ecotoxicity**

The product contains small quantities of environmentally hazardous substances.

#### **Mobility**

No data available.

#### **Persistence and degradability**

No data available.

#### **Bioaccumulative potential**

The product will leach into soil.

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### 13. Disposal considerations

Wasters, including emptied containers, are controlled wasters and should be disposed in accordance with regulation made by the local authorities.

Remains of the product should be disposed of in accordance with regulations made by the local authorities: EWC-code 07 01 04.

### 14. Transport information

The product is not covered by the rules for transport of dangerous goods by road and sea according to ADR and IMDG.

### 15. Regulatory information

**Hazard designation:** It has been assessed that the product shall not be classified as hazardous according to the national classification and labelling rules.

**Other labelling**

Safety data sheet available for professional user on request.

**Chemical safety assessment**

Chemical safety assessment has not been performed.

### 16. Other information

**Restrictions on use**

**Training requirement**

No special training is required, but a thorough knowledge of this data safety sheet should be a prerequisite condition.

**Line of business**

Industry

**Packaging**

Bulk.

**Sources used**

**Other information**

The product should only be use for the stated application or applications.  
The information in this MSDS are based on our present state of knowledge and on current EEC and national laws. The users own working conditions are beyond our knowledge and control. The information in this MSDS are meant as a description of the safety requirements of our product: it may not be considered as a guarantee of the products' properties.

**Full text of the R-phrases that are stated in section 3.**

R11 Highly flammable.  
R34 Causes burns.  
R36 Irritating to eyes.  
R50 Very toxic to aquatic organisms.  
R67 Vapours may cause drowsiness and dizziness.

**Amendments have been made in the following sections**

1, 2, 3, 8, 11, 15 and 16

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