SAFETY DATA SHEET
Interchar 1190 White

Section 1. Identification

Interchar 1190 White : GHS product identifier
HFA190 : Product code

Identified uses

Professional application of coatings and inks

<table>
<thead>
<tr>
<th>Uses advised against</th>
<th>Reason</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Other Uses</td>
<td>Supplier’s details</td>
</tr>
</tbody>
</table>

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PO Box 37
Dammam 31411
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Tel: +966 3 812 1044 Fax: +966 3 812 1169

+966 3 812 1044 : Emergency telephone number (with hours of operation)

+966 55 388 0087 : National advisory body/ Poison Centre (For use only by licensed medical professionals.)

sdsfellinguk@akzonobel.com : e-mail address of person responsible for this SDS

Section 2. Hazards identification

Not classified. : Classification of the substance or mixture

GHS label elements

No signal word. : Signal word
No known significant effects or critical hazards. : Hazard statements

Precautionary statements

Not applicable. : Prevention
Not applicable. : Response
Not applicable. : Storage
Dispose of contents and container in accordance with all local, regional, national and international regulations. : Disposal
Wear appropriate respirator when ventilation is inadequate. : Supplemental label elements
None known. : Other hazards which do not result in classification

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Section 3. Composition/information on ingredients

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

<table>
<thead>
<tr>
<th align="left">Description of necessary first aid measures</th>
<th align="left">Eye contact</th>
</tr>
</thead>
<tbody>
<tr>
<td align="left">Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.</td>
<td align="left"></td>
</tr>
<tr>
<td align="left">Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.</td>
<td align="left">Inhalation</td>
</tr>
<tr>
<td align="left">In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.</td>
<td align="left"></td>
</tr>
<tr>
<td align="left">Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.</td>
<td align="left">Skin contact</td>
</tr>
<tr>
<td align="left">Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.</td>
<td align="left">Ingestion</td>
</tr>
</tbody>
</table>

Most important symptoms/effects, acute and delayed

**Potential acute health effects**

- No known significant effects or critical hazards.: Eye contact
- Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.: Inhalation
- No known significant effects or critical hazards.: Skin contact
- No known significant effects or critical hazards.: Ingestion

**Over-exposure signs/symptoms**

- No specific data.: Eye contact
- No specific data.: Inhalation
- No specific data.: Skin contact
- No specific data.: Ingestion

**Indication of immediate medical attention and special treatment needed, if necessary**

- In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.: Notes to physician
- No specific treatment.: Specific treatments
- No action shall be taken involving any personal risk or without suitable training.: Protection of first-aiders

See toxicological information (Section 11)
Section 5. Firefighting measures

**Extinguishing media**

Use an extinguishing agent suitable for the surrounding fire.

None known.

In a fire or if heated, a pressure increase will occur and the container may burst.

Decomposition products may include the following materials:
- carbon dioxide
- carbon monoxide
- nitrogen oxides
- metal oxide/oxides

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**Section 6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

**Methods and material for containment and cleaning up**

Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

**Section 7. Handling and storage**

**Precautions for safe handling**

Put on appropriate personal protective equipment (see Section 8).

**Protective measures**
Section 7. Handling and storage

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

None.

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection

Use chemical resistant gloves classified under Standard EN 374: Protective gloves against chemicals and micro-organisms.

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

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## Section 9. Physical and chemical properties

### Appearance

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>White</td>
</tr>
<tr>
<td>Odour</td>
<td>Ammonia</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>Not available</td>
</tr>
<tr>
<td>Relative density</td>
<td>Insoluble in the following materials: cold water.</td>
</tr>
<tr>
<td>Vapour density</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility</td>
<td>1.41</td>
</tr>
<tr>
<td>Boiling point</td>
<td>Insoluble in water</td>
</tr>
<tr>
<td>Flash point</td>
<td>Insoluble in water</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Insoluble in water</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not available</td>
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<tr>
<td>Lower and upper explosive (flammable) limits</td>
<td>Not available</td>
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<tr>
<td>Auto-ignition temperature</td>
<td>Vapour pressure</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Vapour density</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Relative density</td>
</tr>
</tbody>
</table>

### Section 10. Stability and reactivity

### Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### Conditions to avoid

No specific data.

### Incompatible materials

No specific data.

### Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### Section 11. Toxicological information

### Information on toxicological effects

### Acute toxicity

Not available.

### Irritation/Corrosion

Not available.

### Sensitisation

Not available.

### Mutagenicity

Not available.
Section 11. Toxicological information

Not available.

Carcinogenicity
Not available.

Reproductive toxicity
Not available.

Teratogenicity
Not available.

Specific target organ toxicity (single exposure)
Not available.

Specific target organ toxicity (repeated exposure)
Not available.

Aspiration hazard
Not available.

Not available.

Information on likely routes of exposure

Potential acute health effects
No known significant effects or critical hazards.
Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
No known significant effects or critical hazards.
No known significant effects or critical hazards.

Eye contact
Inhalation
Skin contact
Ingestion

Symptoms related to the physical, chemical and toxicological characteristics
No specific data.
No specific data.
No specific data.
No specific data.

Eye contact
Inhalation
Skin contact
Ingestion

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Short term exposure
Not available.

Not available.

Long term exposure
Not available.

Potential chronic health effects
Not available.

No known significant effects or critical hazards.
No known significant effects or critical hazards.
No known significant effects or critical hazards.
No known significant effects or critical hazards.
No known significant effects or critical hazards.

Potential immediate effects
Potential delayed effects

General
Carcinogenicity
Mutagenicity
Teratogenicity
Developmental effects
Fertility effects
Section 11. Toxicological information

Numerical measures of toxicity

Acute toxicity estimates
Not available.

Section 12. Ecological information

Toxicity
Not available.

Persistence and degradability
Not available.

Bioaccumulative potential
Not available.

Mobility in soil
Not available.

Section 13. Disposal considerations

The generation of waste should be avoided or minimised wherever possible.

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spill material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

<table>
<thead>
<tr>
<th>IATA</th>
<th>IMDG</th>
<th>UN</th>
<th>UN number</th>
<th>Transport hazard class(es)</th>
<th>Packing group</th>
<th>Environmental hazards</th>
</tr>
</thead>
<tbody>
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</table>

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Section 14. Transport information

| – | – | – | Additional information |
|----------------------------------|----------------------------------|
| Not applicable. | IMDG Code Segregation group |

**Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Not available.

**Section 15. Regulatory information**

No known specific national and/or regional regulations applicable to this product (including its ingredients).

: Safety, health and environmental regulations specific for the product

**Section 16. Other information**

**Justification**

<table>
<thead>
<tr>
<th>Justification</th>
<th>Classification</th>
</tr>
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<tbody>
<tr>
<td>Not classified.</td>
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**History**

<table>
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<th>Date</th>
<th>Date of printing</th>
<th>Date of issue/Date of revision</th>
<th>Date of previous issue</th>
<th>Version</th>
<th>Key to abbreviations</th>
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</tbody>
</table>

**ATE** = Acute Toxicity Estimate

**BCF** = Bioconcentration Factor

**GHS** = Globally Harmonized System of Classification and Labelling of Chemicals

**IATA** = International Air Transport Association

**IBC** = Intermediate Bulk Container

**IMDG** = International Maritime Dangerous Goods

**LogPow** = logarithm of the octanol/water partition coefficient

**MARPOL** = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

**UN** = United Nations

Not available.

Indicates information that has changed from previously issued version.

**Notice to reader**

IMPORTANT NOTE: the information contained in this data sheet (as may be amended from time to time) is not intended to be exhaustive and is presented in good faith and believed to be correct as of the date on which it is prepared. It is the user's responsibility to verify that this data sheet is current prior to using the product to which it relates.

Persons using the information must make their own determinations as to the suitability of the relevant product for their purposes prior to use. Where those purposes are other than as specifically recommended in this safety data sheet, then the user uses the product at their own risk.

MANUFACTURER'S DISCLAIMER: the conditions, methods and factors affecting the handling, storage, application, use and disposal of the product are not under the control and knowledge of the manufacturer.
Section 16. Other information

Therefore the manufacturer does not assume responsibility for any adverse events which may occur in the handling, storage, application, use, misuse or disposal of the product and, so far as permitted by applicable law, the manufacturer expressly disclaims liability for any and all loss, damages and/or expenses arising out of or in any way connected to the storage, handling, use or disposal of the product. Safe handling, storage, use and disposal are the responsibility of the users. Users must comply with all applicable health and safety laws.

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