




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

- **Product identifier**
- **Trade name:** Ampreg 22 Resin
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the preparation** Epoxy resin
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**

GURIT (UK) Ltd. ST. CROSS BUSINESS PARK NEWPORT IOW PO30 5WU UNITED KINGDOM TEL. +44 (0)1983 828000 FAX. +44 (0)1983 828100 OUT OF HOURS EMERGENCY +44 (0) 2392 241208	GURIT ASIA PACIFIC 1A/81 BASSETT ST. MONA VALE, 2103,NSW AUSTRALIA A.C.N. 070 155 485 +61 (0)2 9979 7248 +61 (0)2 9979 6378
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- **Informing department:** Product safety department.
- **Emergency telephone number:** Contact as above

2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
 -  Xi; Irritant
R36/38: Irritating to eyes and skin.
 -  Xi; Sensitising
R43: May cause sensitisation by skin contact.
 -  N; Dangerous for the environment
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **Information concerning particular hazards for human and environment:**
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.
- **Label elements**
- **Labelling according to EU guidelines:**
The product has been classified and labelled in accordance with EC Directives / Ordinance on Hazardous Materials (GefStoffV)
- **Code letter and hazard designation of product:**
Xi Irritant
N Dangerous for the environment
- **Hazard-determining components of labelling:**
bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700)
Diglycidylether of Bisphenol F
C12/C14 Alkylglycidylether
1,2,3trimethylolpropanetriglycidylether
Stoddard solvent
- **Risk phrases:**
36/38 Irritating to eyes and skin.
43 May cause sensitisation by skin contact.
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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- **Safety phrases:**

20 When using do not eat or drink.

24 Avoid contact with skin.

37/39 Wear suitable gloves and eye/face protection.

45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

53 Avoid exposure - obtain special instructions before use.

57 Use appropriate container to avoid environmental contamination.

- **Special labelling of certain preparations:**

Contains epoxy constituents. See information supplied by the manufacturer.

- **Other hazards**

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**

- **Description:** Mixture of the substances listed below with harmless additions.

- **Dangerous components:**

CAS: 25068-38-6 NLP: 500-033-5	bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700) ☒ Xi R36/38; ☒ Xi R43; ☒ N R51/53	50-100%
CAS: 9003-36-5	Diglycidylether of Bisphenol F ☒ Xi R36/38; ☒ Xi R43; ☒ N R51/53	2.5-10%
CAS: 68609-97-2 EINECS: 271-846-8	C12/C14 Alkylglycidylether ☒ Xi R38; ☒ Xi R43	2.5-10%
CAS: 30499-70-8	1,2,3trimethylolpropanetriglycidylether ☒ Xi R36/38; ☒ Xi R43 R52/53	0.5-2.5%
CAS: 8052-41-3 EINECS: 232-489-3	Stoddard solvent ☒ Xn R65; ☒ N R51/53 R10-66-67	< 0.5%

- **Additional information** For the wording of the listed risk phrases refer to section 16.

4 First aid measures

- **Description of first aid measures**

- **After inhalation**

Supply fresh air and call for doctor for safety reasons.

In case of unconsciousness bring patient into stable side position for transport.

- **After skin contact**

Instantly wash with water and soap and rinse thoroughly.

Instantly rinse with water.

- **After eye contact**

Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

- **After swallowing**

Do not induce vomiting; instantly call for medical help.

A person vomiting while lying on their back should be turned onto their side.

Administer medicinal carbon

Rinse out mouth and then drink plenty of water.

- **Information for doctor**

- **Most important symptoms and effects, both acute and delayed**

No further relevant information available.

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- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents**
Use fire fighting measures that suit the environment.
Water haze
Foam
Fire-extinguishing powder
Carbon dioxide
- **Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
- **Advice for firefighters**
- **Protective equipment:** Wear full protective suit.
- **Additional information** Collect contaminated fire fighting water separately. It must not enter drains.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:**
Inform respective authorities in case product reaches water or sewage system.
Do not allow to enter drainage system, surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of contaminated material as waste according to item 13.
- **Reference to other sections**
See Section 8 for information on personal protection equipment.

7 Handling and storage

- **Handling**
- **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Keep container tightly sealed.
Protect from heat and direct sunlight.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the compilation were used as basis.

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- **Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures**
 Keep away from foodstuffs, beverages and food.
 Take off immediately all contaminated clothing
 Wash hands during breaks and at the end of the work.
 Avoid contact with the eyes and skin.
- **Breathing equipment:**
 Use breathing protection in case of insufficient ventilation.
 Filter P3.
- **Protection of hands:**
- **Material of gloves**
 The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
 The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:**
 Nitrile rubber, NBR
- **As protection from splashes gloves made of the following materials are suitable:**
 Nitrile rubber, NBR
- **Eye protection:**



Tightly sealed safety glasses.

- **Body protection:** Protective work clothing.

9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form:	Fluid
Colour:	Yellowish
Odour:	Weak, characteristic

- **Change in condition**

Melting point/Melting range: Not determined
Boiling point/Boiling range: Not determined

Flash point:	126°C
Ignition temperature:	460.0°C
Self-inflammability:	Product is not selfigniting.
Danger of explosion:	Product is not explosive.
Vapour pressure at 20°C:	0.1 hPa
Density at 20°C	1.150 g/cm ³
Solubility in / Miscibility with Water:	Not miscible or difficult to mix

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· Viscosity: dynamic at 20°C:	3915 mPas
· Solvent content: Organic solvents: Water:	0.1 % 0.0 %
· Solids content:	0.0 %
· Other information	No further relevant information available.

10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** Danger of toxic pyrolysis products

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
 - **on the skin:** Irritant to skin and mucous membranes.
 - **on the eye:** Irritant effect.
- **Sensitization:** Sensitization possible by skin contact.
- **Additional toxicological information:**
The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:
Irritant

12 Ecological information

- **Toxicity**
- **Acquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water.
Do not allow product to reach ground water, water bodies or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

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13 Disposal considerations

- **Waste treatment methods**

- **European waste catalogue**

08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 04 00	wastes from MFSU of adhesives and sealants (including waterproofing products)
08 04 09	waste adhesives and sealants containing organic solvents or other dangerous substances

- **Uncleaned packagings:**

- **Recommendation:**

Packagings that cannot be cleaned are to be disposed of in the same manner as the product.

14 Transport information

- **UN-Number**

- **ADR, IMDG, IATA**

UN3082

- **UN proper shipping name**

- **ADR**

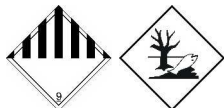
3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight \leq 700))

- **IMDG, IATA**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight \leq 700))

- **Transport hazard class(es)**

- **ADR, IMDG, IATA**



- **Class**

9 Miscellaneous dangerous substances and articles.

- **Label**

9

- **Packing group**

- **ADR, IMDG, IATA**

III

- **Environmental hazards:**

- **Marine pollutant:**

Yes

- **Special marking (ADR):**

Symbol (fish and tree)

- **Special marking (IATA):**

Symbol (fish and tree)

- **Special precautions for user**

Warning: Miscellaneous dangerous substances and articles.

- **Kemler Number:**

90

- **EMS Number:**

F-A,S-F

- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

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15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **National regulations**
- **Water hazard class:** Water hazard class 2 (Self-assessment): hazardous for water.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

R10 Flammable.

R36/38 Irritating to eyes and skin.

R38 Irritating to skin.

R43 May cause sensitisation by skin contact.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

Training hints

Training in the safe use of this product should be given and reference made to COSHH Regulations

- **Department issuing data specification sheet:** Health, Safety & Environmental department.
- **Contact:** SIMON RHODES
- * **Data compared to the previous version altered.**

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