

Safety Data Sheet
According to 1907/2006/EC, Article 31, 453/2010/EC

Printing Date: 02.06.2015

Version Number: 1.0

Revision Date: 02.06.2015

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier:**Trade name: *Pieri Cure & Fix***1.2 Relevant identified uses of the substance or mixture and uses advised against:**

Concrete Admixtures

Application of the substance/the preparation: Construction Chemical.

1.3 Details of the supplier of the safety data sheet:**Manufacturer/supplier:**GRACE Construction Products
ZA des Foulletons
39140 Larnaud

Tel : +(33) 3 84 48 48 60

Fax : +(33) 3 84 48 48 61

www.graceconstruction.comFurther information obtainable from: msds.gcp@grace.com**1.4 Emergency telephone number:**

Civil Defence: 997-Fire, 999-Police, 998-Ambulance

DEWA: 991-Electricity & Water

JAFZA: 881622-Fire, 8816846-Security DPA, 8833111-Emergency

+44 (0)1235 239 670 (Multi-lingual – 24 Hours)

+44 (0)1235 239 671 (Dedicated phone line for Arabic speaking countries - 24 Hours)

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture:****Classification according to Regulation (EC) No 1272/2008**

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

2.2 Label elements:**Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

Hazard pictograms

GHS07

Signal word Warning

Hazard statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P264 Wash thoroughly after handling.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P302+P352 IF ON SKIN: Wash with plenty of water.

P337+P313 If eye irritation persists: Get medical advice/attention.

P332+P313 If skin irritation occurs: Get medical advice/attention.

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Additional information:

Contains epoxy constituents. May produce an allergic reaction.

2.3 Other hazards:**Results of PBT and vPvB assessment:****PBT:** Not applicable.**vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients****3.2 Chemical characterization: Mixtures:****Dangerous components:**

	1-Phenoxypropan-2-ol	Flam. Liq. 3, H226 Eye Irrit. 2, H319	1,0-2,0%
CAS: 40027-38-1 EINECS: 254-754-2	N-alkyl"oleyl"propylene diamine dioleate	Acute Tox. 2, H310 Skin Corr. 1B, H314 Aquatic Acute 1, H400 Acute Tox. 4, H302	0,1-1,0%

Additional information: For the wording of the listed risk phrases refer to section 16.**SECTION 4: First aid measures****4.1 Description of first aid measures:****General information:** Get medical advice/attention if you feel unwell.**After inhalation:** No special measures required.**After skin contact:** Wash with plenty of soap and water.**After eye contact:** Rinse cautiously with water for several minutes.**After swallowing:**

Rinse mouth.

Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed:

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed:

No further relevant information available.

SECTION 5: Firefighting measures**5.1 Extinguishing media:****Suitable extinguishing agents:**

Foam.

Carbon dioxide.

Fire-extinguishing powder.

5.2 Special hazards arising from the substance or mixture:

Combustion products may include toxic gases such as carbon monoxide and smoke.

5.3 Advice for firefighters:**Protective equipment:** Wear self-contained respiratory protective device.**Additional information:** Collect contaminated fire fighting water separately. It must not enter the sewage system.UAE
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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

In case of seepage into the ground inform responsible authorities.

6.3 Methods and material for containment and cleaning up:

Send for recovery or disposal in suitable receptacles.

Dispose contaminated material as waste according to item 13.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling:

Keep away from foodstuffs, beverages and feed.

Do not eat, drink or smoke when using this product.

Store in a well-ventilated place. Keep container tightly closed.

Keep only in original container.

Use only outdoors or in a well-ventilated area.

Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities:

STORAGE

Information about storage in one common storage facility: No special measures required.

Further information about storage conditions:

Protect from frost.

Store in a dry place.

Keep cool.

7.3 Specific end use(s): No further relevant information available.

SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters:

Ingredients 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: Based on the lists valid at the date of MSDS creation.

8.2 Exposure controls:

PERSONAL PROTECTIVE EQUIPMENT

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

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Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Filter A.

Protection of hands: Protective gloves.**Material of gloves:** Nitrile rubber, NBR**Penetration time of glove material:**

The exact breakthrough time has to be determined by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Safety glasses with side shield protection.

Body protection:

Use personal protective equipment as required.

Take off contaminated clothing and wash before reuse.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

GENERAL INFORMATION**Appearance:**

Form:	Liquid.
Colour:	Light brown
Odour:	Characteristic.
Odour threshold:	Not determined.

pH-value (~) at 20 °C: 5,2

Change in conditions:-

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	> 100 °C
Flash point:	> 100 °C

Flammability (solid, gaseous): Not applicable.

Decomposition temperature: Not determined.

Self-igniting: Product is not self-igniting.

Danger of explosion: Product does not present an explosion hazard.

EXPLOSION LIMITS

Lower:	Not determined.
Upper:	Not determined.
VOC Content:	Not determined.

Vapour pressure: Not determined.

Density at 20 °C: 1 g/cm³

Relative density: Not determined.

Vapour density: Not determined.

Evaporation rate: Not determined.

Solubility in/Miscibility with:-

Water: Fully miscible.

Partition coefficient (n-octanol/water): Not determined.

VISCOSITY

Dynamic: Not determined.

Kinematic: Not determined.

Molecular weight Not applicable.

9.2 Other information: No further relevant information available.

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Additional information: These are typical values and do not constitute a specification.

SECTION 10: Stability and reactivity

10.1 Reactivity: Stable under normal conditions.

10.2 Chemical stability:

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

10.4 Conditions to avoid: No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: Carbon monoxide and carbon dioxide.

SECTION 11: Toxicological information

11.1 Information on toxicological effects:

ACUTE TOXICITY

LD/LC50 values relevant for classification:

40027-38-1 N-alkyl'oleyl'propylene diamine dioleate

Dermal	LD50	200-2000 mg/kg (rat)
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Primary irritant effect:-

on the skin: Causes skin irritation.

on the eye: Causes serious eye irritation.

SECTION 12: Ecological information

12.1 Toxicity:

AQUATIC TOXICITY No further relevant information available.

12.2 Persistence and degradability: No further relevant information available.

12.3 Bioaccumulative potential: No further relevant information available.

12.4 Mobility in soil: No further relevant information available.

ADDITIONAL ECOLOGICAL INFORMATION

General notes: Not known to be hazardous to 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.

SECTION 13: Disposal considerations

13.1 Waste treatment methods:

Recommendation:



Must not be disposed together with household garbage. Do not allow product to reach sewage system.

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UNCLEANED PACKAGING**Recommendation:** Disposal must be made according to official regulations.**SECTION 14: Transport information**

14.1 UN-Number ADR, ADN, IMDG, IATA	Not Regulated
14.2 UN proper shipping name ADR, ADN, IMDG, IATA	Not Regulated
14.3 Transport hazard class(es) ADR, ADN, IMDG, IATA Class	Not Regulated
14.4 Packing group ADR, IMDG, IATA	Not Regulated
14.5 Environmental hazards: Marine pollutant:	No.
14.6 Special precautions for user:	Not Regulated
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Not Regulated

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

See Section 2 for hazard identification.

National regulations:**Other regulations, limitations and prohibitive regulations:** All components EINECS listed or exempt.**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases:

H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H310 Fatal in contact with skin.
H314 Causes severe skin burns and eye damage.
H319 Causes serious eye irritation.
H400 Very toxic to aquatic life.

Department issuing MSDS:

GRACE Construction Products. ZA des Foulletons, 39140 Larnaud

Tel : +(33) 3 84 48 48 60, Fax : +(33) 3 84 48 48 61

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