

Safety data sheet
According to 453/2010/EC & 1272/2008/EC (CLP)

Printing Date: 24.05.2016

Version Number: 1.0

Revision Date: 24.05.2016

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier:**Trade name: Pieri Cire E-31**1.2 Relevant identified uses of the substance or mixture, and uses advised against:**

Relevant identified uses of the substance or mixture: Construction Chemical.

Identified uses advised against: No further relevant information available.

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.gcpat.comFurther information obtainable from: msds.gcp@gcpat.com**1.4 Emergency telephone number:**

+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**

Flam. Liq. 3 H226 Flammable liquid and vapour.

STOT SE 3 H336 May cause drowsiness or dizziness.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

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

GHS02 GHS07 GHS08

Signal word Danger

Hazard-determining components of labelling:

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

Hazard statements

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

H304 May be fatal if swallowed and enters airways.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

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

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P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P273 Avoid release to the environment.
 P243 Take precautionary measures against static discharge.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

Hazard description: Flammable

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:

Description: For further information, please refer to the product technical data sheet.

Dangerous components:

919-857-5	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H336	50-100%
CAS: 61791-53-5 EINECS: 263-186-4 Reg.nr.: 01-2119974117-33-XXXX	Amines, N-tallow alkyltrimethylènedi-, oleates STOT RE 2, H373 Aquatic Acute 1, H400; Aquatic Chronic 2, H411 Skin Irrit. 2, H315; Eye Irrit. 2, H319	0.1-1.0%
CAS: 40027-38-1 EINECS: 254-754-2	N-alkyl"oleyl"propylene diamine dioleate STOT RE 2, H373 Aquatic Acute 1, H400; Aquatic Chronic 2, H411 Skin Irrit. 2, H315; Eye Irrit. 2, H319	0.1-0.3%
CAS: 68603-75-8 EC number: 614-637-2 Reg.nr.: 01-2119557904-29-XXXX	Amines, N-tallow alkyltrimethylenedi-, propoxylated Skin Corr. 1B, H314 Aquatic Acute 1, H400; Aquatic Chronic 1, H410 Acute Tox. 4, H302	0.1-0.3%

Additional information:

CAS: 64742-48-9 contains <0.1% (w/w) Benzene.

For the wording of the listed hazard 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:

Harmful: may cause lung damage if swallowed.

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

No further relevant information available.

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

Foam.

Carbon dioxide.

CO₂, sand, extinguishing powder. Do not use water.

Fire-extinguishing powder.

For safety reasons unsuitable extinguishing agents: Water jet.**5.2 Special hazards arising from the substance or mixture:** No further relevant information available.**5.3 Advice for firefighters:****Protective equipment:** Wear self-contained respiratory protective device.**Additional information:**

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

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: Inform respective authorities in case of seepage into water course or sewage system.**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.

Flammable mixtures with air can be formed in emptied containers. Do not puncture, cut, drill, heat or weld uncleaned drums.

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:

Keep ignition sources away - Do not smoke.

Use only in explosion protected area.

Protect against electrostatic charges.

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Use explosion-proof apparatus / fittings and spark-proof tools.

Empty containers may retain hazardous residue, both liquid and vapour. Do not cut, drill, grind or weld on or near container, whether empty or full.

7.2 Conditions for safe storage, including any incompatibilities:

STORAGE

Further information about storage conditions:

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 SDS 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.

Respiratory protection:

Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.

If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).

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.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

GENERAL INFORMATION

Appearance:

Form: Liquid.

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Colour:	Amber.
Odour:	Characteristic.
Odour threshold:	Not determined.
pH-value (~):	Not determined.
Change in conditions:-	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	150 °C
Flash point:	39 °C
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	240 °C
Decomposition temperature:	Not determined.
Self-igniting:	Product is not self-igniting.
Danger of explosion:	In use, may form flammable/explosive vapour-air mixture.
EXPLOSION LIMITS	
Lower:	0.6 Vol %
Upper:	7.0 Vol %
Vapour pressure at 20 °C:	1 hPa
Density at 20 °C:	0.8 g/cm ³
Relative density:	Not determined.
Vapour density:	Not determined.
Evaporation rate:	Not determined.
Solubility in/Miscibility with:-	
Water:	Not miscible or difficult to mix.
Partition coefficient (n-octanol/water):	Not determined.
VISCOSITY	
Dynamic:	Not determined.
Kinematic:	Not determined.
SOLVENT CONTENT	
VOC (EC):	66.00 %
Molecular weight	Not applicable.
9.2 Other information:	No further relevant information available.

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 Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

Dermal	LD50	>5000 mg/kg (rat)
	LD50	>3000 mg/kg (rabbit)

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Oral	LD50	1255 mg/kg (rat) (OECD 401)
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LC50, 96h 0.079 mg/l (fish) (OECD 203)

Primary irritant effect:-**Skin corrosion/irritation** Based on available data, the classification criteria are not met.**Serious eye damage/irritation** Based on available data, the classification criteria are not met.**Ingestion:** Harmful: may cause lung damage if swallowed.**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.**Germ cell mutagenicity** Based on available data, the classification criteria are not met.**Carcinogenicity** Based on available data, the classification criteria are not met.**Reproductive toxicity** Based on available data, the classification criteria are not met.**STOT-single exposure**

May cause drowsiness or dizziness.

STOT-repeated exposure Based on available data, the classification criteria are not met.**Aspiration hazard**

May be fatal if swallowed and enters airways.

SECTION 12: Ecological information**12.1 Toxicity:****AQUATIC TOXICITY****61791-53-5 Amines, N-tallow alkyltrimethylènedi-, oleates**

EC50, 72h 0.09 mg/l (alg)

CL50, 96h 0.9 mg/l (fish)

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

EC50, 72h 0.28 mg/l (algae)

Biodegradability 61% - 28 days (OECD 301 F)

68603-75-8 Amines, N-tallow alkyltrimethylènedi-, propoxylated

EC50, 72h 0.028 mg/l (algae) (OECD 201)

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:** Harmful to aquatic life with long lasting effects.**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.

European waste catalogue:

07 00 00 WASTES FROM ORGANIC CHEMICAL PROCESSES

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07 01 00	wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals
07 01 04*	other organic solvents, washing liquids and mother liquors

UNCLEANED PACKAGING**Recommendation:** Disposal must be made according to official regulations.**SECTION 14: Transport information****14.1 UN-Number**
ADR, IMDG, IATA

UN1268

14.2 UN proper shipping name
ADR, IMDG, IATA

PETROLEUM PRODUCTS, N.O.S.

14.3 Transport hazard class(es)
ADR, IMDG, IATAClass
Label3 Flammable liquids.
3**14.4 Packing group**
ADR, IMDG, IATA

III

14.5 Environmental hazards:

Not applicable.

14.6 Special precautions for user:Danger code (Kemler):
Stowage CategoryWarning: Flammable liquids.
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A**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:**

Not Regulated

Transport/Additional information:**ADR**Limited quantities (LQ)
Excepted quantities (EQ)5L
Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 mlTransport category
Tunnel restriction code3
D/E**IMDG**Limited quantities (LQ)
Excepted quantities (EQ)5L
Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

See Section 2 for hazard identification.

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

Seveso category P5c FLAMMABLE LIQUIDS

Qualifying quantity (tonnes) for the application of lower-tier requirements 5,000 t

Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

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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.

H304 May be fatal if swallowed and enters airways.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

Department issuing SDS:

GRACE Construction Products. ZA des Foulletons, 39140 Larnaud

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

Product Stewardship Department

GCP Applied Technologies

580-581 Ipswich Road,

Slough, Berkshire.

SL1 4EQ

Tel: +44 (0)1753 490 000

Fax: +44 (0)1753 490 051

The first date of preparation: 10.11.2015**Number of revision times and the latest revision date:** 1.0 / 24.05.2016

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