

Safety Data Sheet

Printing date 03/27/2017

Version Number 1.5

Reviewed on 03/27/2017

1 Identification**Product identifier**Trade name: *EXP 2074*

SDS ID Number: SD30739

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

Other Country Contact Information:For products distributed beyond the country Manufacturer/Supplier identified above
Consult Section 16 for additional emergency contact information.www.graceconstruction.com**Information department:**

Environmental Health & Safety

USA: +1-617-876-1400 (24 hours)

+1-800-354-5414 (8AM - 5PM) Not functional within Massachusetts

CAN: 1-905-683-8561 (24 hours)

Email address: msds.gcp@gcpat.com

CAN: +1-905-683-8561 (24 hours)

Emergency telephone number: +44 (0)1235 239 670 / +44 (0)1235 239 671 (Arabic - Dedicated Number)**Transport Emergency:** Chemtrec +1-800-424-9300 (24 hours)**2 Hazard(s) identification****Classification of the substance or mixture**

The product is not classified according to the Globally Harmonized System (GHS).

Label elements:**GHS label elements** Not applicable.**Hazard pictograms** Not applicable.

Not applicable.

Hazard statements Not applicable.**Inhalation:**

May cause respiratory tract irritation.

Not expected to cause respiratory irritation.

Eye Contact: May be slightly irritating to the eyes.**Skin Contact:** May be irritating to the skin on prolonged contact**3 Composition/information on ingredients****Chemical characterization: Mixture****Hazardous components:**

770-35-4 | 1-Phenoxypropan-2-ol

1.0-3.0%

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4 First-aid measures

Description of first aid measures

General information: Get medical advice/attention if you feel unwell.

After inhalation:

If symptoms develop, supply fresh air. If required, provide artificial respiration and seek immediate medical treatment.

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.

Information for doctor:

Most important symptoms and effects, both acute and delayed No further relevant information available.

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

5 Fire-fighting measures

Extinguishing media

Suitable extinguishing agents:

Foam

Carbon dioxide

Fire-extinguishing powder

Special hazards arising from the substance or mixture

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

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.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Environmental precautions:

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

In case of seepage into the ground inform responsible authorities.

Methods and material for containment and cleaning up: Send for recovery or disposal in suitable receptacles.

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.

Protective Action Criteria for Chemicals

PAC-1:

None of the ingredients is listed.

PAC-2:

None of the ingredients is listed.

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PAC-3:

None of the ingredients is listed.

7 Handling and storage

Handling:**Precautions for safe handling**

Keep away from food, drink and animal feedingstuffs.

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

Keep only in original container.

Use only outdoors or in a well-ventilated area.

Information about protection against explosions and fires: No special measures required.

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.

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 creation were used as basis.

Exposure controls**Personal protective equipment:**

General protective and hygienic measures: The usual precautionary measures for handling chemicals should be followed.

Breathing equipment:

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 break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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Eye protection:

Safety glasses with side shield protection.



A face shield should also be worn if there is potential exposure to splash or spray.

Body protection:

Use personal protective equipment as required.

Take off contaminated clothing.

9 Physical and chemical properties**Information on basic physical and chemical properties****General Information****Appearance:**

Form:	Liquid
Color:	Whitish
Odor:	Light
Odor threshold:	Not determined.

pH-value (~) at 20 °C (68 °F): 10**Change in condition****Melting point/Melting range:** Undetermined.**Flash point:** Not applicable.**Flammability (solid, gaseous):** Not applicable.**Decomposition temperature:** Not determined.**Auto igniting:** Not determined.**Danger of explosion:** Product does not present an explosion hazard.**Lower:** Not determined.**Upper:** Not determined.**VOC Content (max):** Not determined.**Density: (~) at 20 °C (68 °F)** 1 g/cm³ (8.345 lbs/gal)**Vapor 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.**Other information** No further relevant information available.**10 Stability and reactivity****Reactivity** Stable under normal conditions.**Chemical stability****Thermal decomposition:** No decomposition if used according to specifications.**Possibility of hazardous reactions** No dangerous reactions known.**Conditions to avoid** No further relevant information available.

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Incompatible materials: No further relevant information available.**Hazardous decomposition products:** Carbon monoxide and carbon dioxide**11 Toxicological information****Information on toxicological effects****Acute toxicity:****LD/LC50 values relevant for classification:****26530-20-1 2-octyl-2H-isothiazol-3-one**

Oral	LD50	500 mg/kg (rat)
Dermal	LD50	311 mg/kg (rabbit)
Inhalation	LC50, 4h	0.78 mg/l (rat)
	LC50, 96h	0.2 mg/l (rainbow trout)

Primary irritant effect:**on the skin:** No irritating effect expected**on the eye:** No irritating effect expected**IARC (International Agency for Research on Cancer) Human Carcinogenicity:
Group 1- Positive, Group 2A- Probable, Group 2B- Possible, Group 3- Not Classifiable**

None of the ingredients is listed.

NTP (National Toxicology Program)**K–Known to be carcinogenic, R–May reasonably be anticipated to be carcinogenic**

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12 Ecological information**Toxicity****Aquatic toxicity:****26530-20-1 2-octyl-2H-isothiazol-3-one**

EC20, 0.5h	10.4 mg/l (activated sludge) (TTC-Test (8901 macherey-nagel))
EC20, 3h	7.3 mg/l (activated sludge) (OECD 209)
EC50, 48h	0.42 mg/l (daphnia magna) (Noack 1998a)
LC/EC/IC50	0.5 mg/l (scenedesmus subspicatus) (IC50, 72h)
	IC50, 72h

Persistence and degradability No further relevant information available.**Behavior in environmental systems:****Bioaccumulative potential** No further relevant information available.**Mobility in soil** No further relevant information available.**Additional ecological information:****General notes:**

Not known to be hazardous to water.

Slightly hazardous for water

Results of PBT and vPvB assessment**PBT:** Not applicable.**vPvB:** Not applicable.**Other adverse effects** No further relevant information available.USGHS
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13 Disposal considerations**Disposal methods:****Recommendation:**

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

Uncleaned packagings:

Recommendation: Dispose of contents/container in accordance with local/regional/national/international regulations.

14 Transport information**UN-Number**

DOT, IMDG, IATA

Not applicable.

UN proper shipping name

DOT, IMDG, IATA

Not applicable.

Transport hazard class(es)

DOT, IMDG, IATA

Class

Not applicable.

Packing group

DOT, IMDG, IATA

Not applicable.

Environmental hazards:

Not applicable.

Special precautions for user

Not applicable.

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

Not applicable.

Transport/Additional information:

DOT

Remarks:

Not Regulated.

15 Regulatory information**SARA (Superfund Amendments and Reauthorization Act)****Section 302/304 (extremely hazardous substances):**

None of the ingredients is listed.

Section 313 Reportable Ingredients (Chemicals present below reporting threshold are exempt):

None of the ingredients is listed.

North America Chemical Inventory Status**TSCA (Toxic Substances Control Act - United States):**

Inventory listing could not be confirmed for one or more substances.

CEPA (Canadian DSL):

Inventory listing could not be confirmed for one or more substances.

California Proposition 65**Chemicals known to cause cancer:**

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

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Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

Carcinogenicity Categories**EPA (Environmental Protection Agency)**

None of the ingredients is listed.

TLV-ACGIH (THE American Conference of Governmental Industrial Hygienists)**Human Carcinogen - A1 Confirmed, A2 Suspected, A3 Unknown Relevance, A4 Not Classifiable**

None of the ingredients is listed.

NIOSH-Cancer (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

Volatile Organic Compounds (VOC) reported per the Emission Standards.

If no g/L value is provided this product is not subject to above standard.

European EINECS

Inventory listing could not be confirmed for one or more substances.

Philippines Inventory of Chemicals and Chemical Substances PICCS

Inventory listing could not be confirmed for one or more substances.

Inventory of Existing Chemical Substances manufactured or imported in China IECSC

Inventory listing could not be confirmed for one or more substances.

Australian Inventory of Chemical Substances AICS

Inventory listing could not be confirmed for one or more substances.

Japan Existing and New Chemical Substance List ENCS

Inventory listing could not be confirmed for one or more substances.

Korean Existing Chemical Inventory

Inventory listing could not be confirmed for one or more substances.

Non-hazardous Ingredients

7732-18-5 | Water

770-35-4 | 1-Phenoxypropan-2-ol

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.

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

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