

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 22.02.2011

Version number 2

Revision: 12.05.2009

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

- **Product identifier**
- **Identification of the substance/preparation:** *Refresh Floor Protector*
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the preparation** Maintenance product
- **Details of the supplier of the safety data sheet**
- **Company/undertaking identification:**
 Karndean International Pty.Ltd.
 835 Stud Road
 3180 Knoxfield Victoria / Australia
 phone: 0061-3-9763-5588, fax: 0061-3-9763-1625
- **Further information obtainable from:**
 Department for product development
 E-Mail: labor@dr-schutz.com, www.dr-schutz.com
- **Emergency telephone number:**
 CC-Dr. Schutz GmbH, Steinbrinksweg 30, D-31840 Hessisch Oldendorf
 Tel. +49 (0)5152 9779-0 (Mo.-Do. 8.00-17.00 Uhr, Fr. 8.00-14-00 Uhr)

2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
 The product is not classified according to the CLP regulation.
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
 The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
 Void
- **Information concerning particular hazards for human and environment:**
 Heightened danger of slipping when the product is spilled on the floor.
- **Label elements**
- **Hazard-determining components of labelling:** Void
- **Labelling according to EU guidelines:**
- **Code letter and hazard designation of product:**
 The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).
- **Safety phrases:**
 1/2 Keep locked up and out of the reach of children.
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

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

Dangerous components:

CAS: 111-90-0	2-(2-ethoxyethoxy)ethanol	1-5%
EINECS: 203-919-7		

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

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4 First aid measures

- **Description of first aid measures**
- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:** No special measures required.
- **After skin contact:**
Rinse with warm water.
After each cleaning use treatment creams, for very dry skin greasy ointments.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth and then drink plenty of water.
Do not induce vomiting; call for medical help immediately.

5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture** Danger of forming toxic pyrolysis products.
- **Advice for firefighters**
- **Protective equipment:**
Do not inhale explosion gases or combustion gases.
Wear self-contained respiratory protective device.
- **Additional information**
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Avoid contact with the eyes.
Avoid close or long term contact with the skin.
Particular danger of slipping on leaked/spilled product.
- **Environmental precautions:**
Prevent from spreading (e.g. by damming-in or oil barriers).
Do not allow to enter sewers/ 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 the material collected according to regulations.
- **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.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
Follow instructions on the label and in the Technical Product Information Sheet.
Avoid contact with the eyes.
Avoid close or long term contact with the skin.

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- **Information about fire - and explosion protection:**
No special precautions are necessary if used correctly.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in unopened original receptacles.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:**
Store in cool, dry conditions in well sealed receptacles.
Protect from frost.
Protect from heat and direct sunlight.
Store under lock and key and out of the reach of children.
- **Specific end use(s)** None

8 Exposure controls/personal protection

- **Control parameters**
- **Exposure limit values:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Exposure controls**
- **Occupational exposure controls:**
- **General protective and hygienic measures:**
Do not eat, drink, smoke or sniff while working.
Be sure to clean skin thoroughly after work and before breaks.
Keep away from foodstuffs, beverages and feed.
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Not required.
- **Protection of hands:**
Avoid direct contact with the chemical/ the product/ the preparation by organizational measures.
To avoid skin problems reduce the wearing of gloves to the required minimum.
- **Material of gloves**
Nitrile rubber, NBR
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 through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**
Where there is a danger of the eyes coming into contact with splashes of liquid (i.e. when refilling larger quantities), safety goggles according to EN 166 (i.e. goggles with side shields) are recommended.
- **Body protection:** Not required.
- **Limitation and supervision of exposure into the environment**
Follow instructions for use, dosage and waste disposal.

9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

Form:	Fluid
Colour:	Whitish

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· Odour:	Pleasant
· pH-value at 20°C:	7.7
· Change in condition Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.
· Flash point:	> 61 °C (Seta Flash Closed Cup)
· Flammability (solid, gaseous):	Undetermined.
· Self-igniting:	Product is not selfigniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Density at 20°C:	1.017 g/cm ³
· Solubility in / Miscibility with water:	Fully miscible.
· Viscosity: Kinematic at 20°C:	20-25 s (ISO 2431, 3 mm)

10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Conditions to avoid:**
Protect from frost.
No decomposition if used and stored according to specifications.
- **Incompatible materials:** No dangerous reactions known.
- **Hazardous decomposition products:** Danger of forming toxic pyrolysis products.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.
- **Repeated dose toxicity** Undetermined.
- **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)** Undetermined.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** Undetermined.
- **Persistence and degradability**
Elimination of contained polymers is possible through precipitation or flocculation.
The solvent is biodegradable

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- **Behaviour in environmental systems:**
- **Bioaccumulative potential** Undetermined.
- **Ecotoxic effects:**
- **Behaviour in sewage processing plants:**
Technically correct releases of minimal concentrations to adapted biological sewage plants, will not disturb the biodegradability of activated sludge. Before allowing large quantities to be fed into sewage plants, obtain the approval of the responsible authorities.
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow to reach ground water/water course. Do not allow undiluted product or large quantities of it to reach sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**
Must be specially treated adhering to official regulations.
Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

· **European waste catalogue**

20 01 30 | detergents other than those mentioned in 20 01 29

- **Uncleaned packaging:**
- **Recommendation:**
Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning. Packagings that may not be cleansed are to be disposed of in the same manner as the product.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

14 Transport information

- **Land transport ADR/RID (cross-border):**
- **ADR/RID class:** -

- **Maritime transport IMDG:**
- **IMDG Class:** -

- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

- **UN "Model Regulation":** -
- **Special precautions for user** Not applicable.

15 Regulatory information

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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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.

· **Training hints** ---

· **Recommended restriction of use** ---

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

· **Sources** Safety data sheet for raw materials, eur-lex.europa.eu

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