

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
 Name : James Laminate Cleaner Protect & Restore  
 Product code : 7210.0\_76068RV54  
 Type of product : Detergent  
 Product group : Trade product

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Main use category : Professional use, Consumer use  
 Use of the substance/mixture : The data given here is based on the product properties as mentioned in section 1.1. and is provided on the assumption, that the product will be used in the manner and for the purposes for which the manufacturer indicates.  
 Use of the substance/mixture : Cleaner  
 Floor cleaner.  
 Function or use category : Cleaning/washing agents and additives

| Title            | Use descriptors                   |
|------------------|-----------------------------------|
| Professional use | SU22, PC35, PROC8a, PROC10, ERC8a |
| Consumer use     | SU21, PC35, ERC8a                 |

Full text of use descriptors: see section 16

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

James  
 Mercuriusplein 1  
 5971 LW Grubbenvorst - Nederland  
 T +31 (0) 773278000  
[info@james.eu](mailto:info@james.eu)

#### 1.4. Emergency telephone number

Emergency number : See Section 1.3; Only during office hours

| Country        | Organisation/Company  | Address                           | Emergency number |
|----------------|---|-----------------------------------|------------------|
| United Kingdom | National Poisons Information Service (Birmingham Centre)<br>City Hospital | Dudley Road<br>B18 7QH Birmingham | 0844 892 0111    |

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Eye Irrit. 2 H319

Full text of classification categories and H statements : see section 16

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) : Warning  
 Hazard statements (CLP) : H319 - Causes serious eye irritation  
 Precautionary statements (CLP) : P102 - Keep out of reach of children  
 P280 - Wear eye protection

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P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P337+P313 - If eye irritation persists: Get medical advice/attention

### 2.3. Other hazards

Other hazards not contributing to the classification : None under normal conditions. The information in this section applies to the undiluted product.

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

| Name                              | Product identifier  | %     | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|-----------------------------------|---|-------|---|
| Alcohol(C9-11)EO(5-15)            | (CAS No) 68439-46-3<br>(REACH-no) 01-2119980051-45                    | 1 - 5 | Acute Tox. 4 (Oral), H302<br>Eye Dam. 1, H318                   |
| Diethylene glycol monoethyl ether | (CAS No) 111-90-0<br>(EC no) 203-919-7<br>(REACH-no) 01-2119475105-42 | 1 - 5 | Eye Irrit. 2, H319  |

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).  
First-aid measures after inhalation : Not expected to present a significant inhalation hazard under anticipated conditions of normal use. Allow breathing of fresh air. Allow the victim to rest.  
First-aid measures after skin contact : Rinse skin with water/shower.  
First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.  
First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation : Inhalation unlikely.  
Symptoms/injuries after skin contact : Not expected to present a significant skin hazard. The product is not considered to be irritating to the skin.  
Symptoms/injuries after eye contact : Causes serious eye irritation. Blurred vision. Burning sensation. Tears. Redness.  
Symptoms/injuries after ingestion : May cause a light irritation of the linings of the mouth, throat, and gastrointestinal tract.

### 4.3. Indication of any immediate medical attention and special treatment needed

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

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.  
Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Not combustible.

### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.  
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Material spilled on hard surface can present a serious slipping/falling hazard.

#### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

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### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.  
Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Do not flush into surface water. Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Dispose in a safe manner in accordance with local/national regulations. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Dispose of in accordance with relevant local regulations. Wash away remainder with plenty of water.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Normal precautions for the use of chemicals and cleaners should be taken care of. See information supplied by the manufacturer. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

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

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool, well ventilated place. Keep container tightly closed. Protect from freezing.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### James Laminate Cleaner Protect & Restore

DNEL/DMEL (additional information)

See [http://www.dguv.de/ifa/de/gestis/limit\\_values/index.jsp](http://www.dguv.de/ifa/de/gestis/limit_values/index.jsp): Information on ingredients.

### 8.2. Exposure controls

Personal protective equipment : Avoid contact with skin, eyes and clothing. Avoid all unnecessary exposure. Eye protection. Safety glasses.

Hand protection : Not required

Eye protection : Wear eye/face protection. Chemical goggles or safety glasses. Standard. EN 166. Eye protection should only be necessary where liquid could be splashed or sprayed

Skin and body protection : No special clothing/skin protection equipment is recommended under normal conditions of use

Respiratory protection : No special protection required where adequate ventilation is maintained



Other information : Do not eat, drink or smoke when using this product. The information in this section applies to the undiluted product.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Liquid  
Colour : White. milky.  
Odour : perfumed.  
Odour threshold : No data available  
pH : 8,4 (20°C)  
Relative evaporation rate (butylacetate=1) : No data available  
Melting point : No data available  
Freezing point : No data available

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|                                  |                                  |
|----------------------------------|----------------------------------|
| Boiling point                    | : > 100 °C                       |
| Flash point                      | : > 60 °C                        |
| Auto-ignition temperature        | : No data available              |
| Decomposition temperature        | : No data available              |
| Flammability (solid, gas)        | : No data available              |
| Vapour pressure                  | : No data available              |
| Relative vapour density at 20 °C | : No data available              |
| Relative density                 | : No data available              |
| Density                          | : 1,011 g/cm <sup>3</sup> (20°C) |
| Solubility                       | : Miscible with water.           |
| Log Pow                          | : No data available              |
| Viscosity, kinematic             | : No data available              |
| Viscosity, dynamic               | : < 10 mPa.s (20°C)              |
| Explosive properties             | : No data available              |
| Oxidising properties             | : No data available              |
| Explosive limits                 | : No data available              |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

### 10.2. Chemical stability

The product is stable at normal handling and storage conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Not established.

### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

| Diethylene glycol monoethyl ether (111-90-0) |                |
|--|----------------|
| LD50 oral rat                                | 5500 mg/kg     |
| LD50 dermal rat                              | 6000 mg/kg     |
| LD50 dermal rabbit                           | 8500 mg/kg     |
| LC50 inhalation rat (mg/l)                   | > 5,24 mg/l/4h |

|  |  |
|--|--|
| Skin corrosion/irritation                        | : Not classified<br>Based on available data, the classification criteria are not met<br>pH: 8,4 (20°C) |
| Serious eye damage/irritation                    | : Causes serious eye irritation.<br>pH: 8,4 (20°C)   |
| Respiratory or skin sensitisation                | : Not classified<br>Based on available data, the classification criteria are not met                   |
| Germ cell mutagenicity                           | : Not classified<br>Based on available data, the classification criteria are not met                   |
| Carcinogenicity                                  | : Not classified<br>Based on available data, the classification criteria are not met                   |
| Reproductive toxicity                            | : Not classified<br>Based on available data, the classification criteria are not met                   |
| Specific target organ toxicity (single exposure) | : Not classified<br>Based on available data, the classification criteria are not met                   |

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|  |  |
|--|--|
| Specific target organ toxicity (repeated exposure) | : Not classified<br>Based on available data, the classification criteria are not met |
| Aspiration hazard                                  | : Not classified<br>Based on available data, the classification criteria are not met |

| James Laminate Cleaner Protect & Restore            |   |
|---|---|
| Viscosity, kinematic                                | 9,89119683 mm <sup>2</sup> /s   |
| Potential adverse human health effects and symptoms | : Based on available data, the classification criteria are not met. With the product as such no toxicological tests have been done. According to the criteria of art. 3 from (EC) Nr. 1272/2008 [CLP] this product is classified as mentioned in section 2. Components that are toxic are mentioned in section 3. |

## SECTION 12: Ecological information

### 12.1. Toxicity

|                   |  |
|-------------------|--|
| Ecology - general | : With the product as such no ecological tests have been done. According to the criteria of art. 3 from (EC) Nr. 1272/2008 [CLP] this product is classified concerning the environment as mentioned in section 2. Components that are dangerous to the environment are mentioned in section 3. |
|-------------------|--|

| Diethylene glycol monoethyl ether (111-90-0) |   |
|--|---|
| LC50 fish 1                                  | 9400 mg/l (96h)                                     |
| EC50 Daphnia 1                               | 1982 (48h)  |
| EC50 other aquatic organisms 1               | 21400 mg/l (Algae, EC50, 96h, Lepomis macrochirus)) |

### 12.2. Persistence and degradability

| James Laminate Cleaner Protect & Restore |   |
|--|---|
| Persistence and degradability            | Not established. The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer. |

### 12.3. Bioaccumulative potential

| James Laminate Cleaner Protect & Restore     |                  |
|--|------------------|
| Bioaccumulative potential                    | Not established. |
| Diethylene glycol monoethyl ether (111-90-0) |                  |
| Log Pow                                      | -0,5             |

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

|                        |                                    |
|------------------------|------------------------------------|
| Additional information | : Avoid release to the environment |
|------------------------|------------------------------------|

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|                                   |  |
|-----------------------------------|--|
| Regional legislation (waste)      | : Disposal must be done according to official regulations.   |
| Waste disposal recommendations    | : This material and its container must be disposed of in a safe way, and as per local legislation. Product as it is : Dispose as hazardous waste. Empty containers can be dumped after cleaning according to local legislation. Recycling is preferred to disposal or incineration. Empty the packaging completely prior to disposal. Flush residue with large amounts of water. |
| Ecology - waste materials         | : Avoid release to the environment.  |
| European List of Waste (LoW) code | : 20 01 29* - detergents containing dangerous substances   |

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

| ADR                              | IMDG           | IATA           | ADN            | RID            |
|----------------------------------|----------------|----------------|----------------|----------------|
| 14.1. UN number                  |                |                |                |                |
| Not regulated for transport      |                |                |                |                |
| 14.2. UN proper shipping name    |                |                |                |                |
| Not applicable                   | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.3. Transport hazard class(es) |                |                |                |                |
| Not applicable                   | Not applicable | Not applicable | Not applicable | Not applicable |

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| ADR                                    | IMDG  | IATA                               | ADN                                | RID                                |
|--|---|------------------------------------|------------------------------------|------------------------------------|
| Not applicable                         | Not applicable  | Not applicable                     | Not applicable                     | Not applicable                     |
| <b>14.4. Packing group</b>             |   |                                    |                                    |                                    |
| Not applicable                         | Not applicable  | Not applicable                     | Not applicable                     | Not applicable                     |
| <b>14.5. Environmental hazards</b>     |   |                                    |                                    |                                    |
| Dangerous for the environment : No     | Dangerous for the environment : No<br>Marine pollutant : No | Dangerous for the environment : No | Dangerous for the environment : No | Dangerous for the environment : No |
| No supplementary information available |   |                                    |                                    |                                    |

### 14.6. Special precautions for user

#### - Overland transport

No data available

#### - Transport by sea

No data available

#### - Air transport

No data available

#### - Inland waterway transport

Carriage prohibited (ADN) : No

Not subject to ADN : No

#### - Rail transport

Carriage prohibited (RID) : No

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Detergent Regulation : Labelling of contents:

| Component                         | %   |
|-----------------------------------|-----|
| non-ionic surfactants, phosphates | <5% |
| BENZISOTHIAZOLINONE               |     |
| METHYLISOTHIAZOLINONE             |     |
| perfumes                          |     |

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

Raw materials information section 3.

See <http://esis.jrc.ec.europa.eu/index.php?PGM=dat> : Information on ingredients.

Health hazards

See Section 2 & 3 & 11.

Physical hazards

See Section 2 & 10.

Environmental hazards

See Section 2 & 3 & 12.

## SECTION 16: Other information

Abbreviations and acronyms:

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ABM: Algemene Beoordelings Methodiek (NL) / ADR: Accord Européen relatif au transport international des marchandises dangereuses par route / ALG: Allergen / AQTX: Aquatic Toxicity / Atm: Atmosphere (unit of pressure) / bw: bodyweight / C: Ceiling / CAR: Carcinogenic Effects / CAS No: Chemical Abstracts Service Number (see ACS – American Chemical Society) / CMRs: Carcinogenic, Mutagenic or toxic to Reproduction (substances) / CSR: Chemical Safety Report / Cc (cm3): Cubic Centimeter / DNEL: Derived No-Effect Level / EC50: half maximal effective concentration / ED50: Effective Dose 50 / ET50: Exposure Time 50 / I.V.: Intravenous / Kg: Kilogram / LC: Lethal Concentration / LC50: Median Lethal Concentration / LCLO: Lowest Lethal Airborne Concentration Tested (see also LC50, LD50) / LD: Lethal Dose / LD50: Median Lethal Dose LDLO: Lowest Lethal Dose Tested (see also LC50, LD50) / MAC: Maximum Allowable Concentration / MAK: Maximale Arbeitsplatz-Konzentration (Germany, Maximum Workplace Concentration, see OEL) / MSDS: Material Safety Data Sheet / NOAEL: No Observed Adverse Effect Level / NOEL: No Observable Effect Level / OEL: Occupational Exposure Limits / PBTs: Persistent, Bioaccumulative and Toxic substances / PEC: Predicted Environmental Concentration / PNEC: Predicted No-Effect Concentration / REACH: Registration, Evaluation, Authorisation and Restriction of Chemical substances / STEL: Short-Term Exposure Limit / STEV: Short-Term Exposure Value / STP: Sewage Treatment Plant TLM: Threshold Limit, Median / TLV-C: Threshold Limit Value-Ceiling / TLV®: Threshold Limit Value / TWA: Time-Weighted Average / WGK: Wassergefährdungsklasse (Water Hazard Class under German Federal Water Management Act) / g/gms: Grams / kJ/mol: Kilojoules per mole / kPa: KiloPascal (unit of pressure) / m3: Cubic Meter / mg: Milligram / ml: Milliliter / ml Hg: Milliliters of Mercury / n.o.s.: Not Otherwise Specified / nm: nanometer / ppb: Parts Per Billion / pph: parts per hundred (= percent) / ppm: Parts Per Million / ppt: parts per trillion / vPvBs: Very Persistent and Very Bioaccumulative substances

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None. DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Full text of H- and EUH-statements:

|                     |  |
|---------------------|--|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4  |
| Eye Dam. 1          | Serious eye damage/eye irritation, Category 1  |
| Eye Irrit. 2        | Serious eye damage/eye irritation, Category 2  |
| H302                | Harmful if swallowed   |
| H318                | Causes serious eye damage  |
| H319                | Causes serious eye irritation  |
| ERC8a               | Wide dispersive indoor use of processing aids in open systems  |
| PC35                | Washing and cleaning products (including solvent based products)   |
| PROC10              | Roller application or brushing   |
| PROC8a              | Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non dedicated facilities |
| SU21                | Consumer uses: Private households (= general public = consumers)   |
| SU22                | Professional uses: Public domain (administration, education, entertainment, services, craftsmen)                         |

SDS EU (REACH bijlage II)/15.1.0.3

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*