

Material Safety Data Sheet
According to 91/155 EC, 93/112/EC, 2001/58/EC

This International MSDS is for information only. It does not meet all applicable regulatory requirements and does not replace the relevant statutory

data sheet for your country.

Printing Date 13.01.2004

Reviewed on 12.11.2003

1 Product and company identification

- **Brandname:** PLEDGE MULTI SURFACE ORIGINAL
- **Application of the product:**
Professional cleaning/maintenance product for building care.
- **Manufacturer/Supplier:** JohnsonDiversey local operating company
- **Information department:** JohnsonDiversey local operating company
- **Emergency information:** JohnsonDiversey local operating company

2 Composition / Information on ingredients

- **Chemical characterization**
- **Description:** Active substance with propellant.
Hazardous ingredients:
64742-48-9 naphtha (petroleum), hydrotreated heavy 5-15 %
Xn; R 10-65-66
EINECS: 265-150-3
- **Ingredients according to 89/542/EEC**
aliphatic hydrocarbons 5 - 15%
non-ionic surfactants < 5%
preservatives
- **Additional information:**
The full text of the relevant risk phrases is given in section 16.

3 Hazards identification

- **Classification:**
Non-dangerous according to the classification systems of the relevant EC guidelines.
- **Hazards for man and the environment:**
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking.
9.9 % by mass of the contents are flammable
Keep out of the reach of children
- **Classification system**
The classification complies with current EC regulations on dangerous substances and preparations.

4 First aid measures

- **General information** No special measures required.
- **Inhalation**
Remove from source of exposure. Obtain medical attention if symptoms develop.
- **Skin contact** Not applicable.
- **Eye contact** Wash immediately with copious amounts of water.
- **Ingestion**

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Rinse out mouth and then drink one or two glasses of water (or milk).
 In case of persistent symptoms obtain medical attention.

5 Fire fighting measures

- **Suitable extinguishing media**
 CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **Protective equipment:** No special measures required.
- **Additional information** Cool endangered containers with water spray jet.

6 Accidental release measures

- **Protection of personnel:** Not required.
- **Environmental precautions:** No special measures required.
- **Method of disposal:**
 Absorb liquid components with liquid-binding material.
 Dispose of the collected material according to the regulations.
- **Additional information:** No dangerous materials are released.

7 Handling and storage

- **Handling (see also sections 8 and 15)**
- **Information for safe handling:**
 Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:**
 No special measures required.
- **Storage**
- **Requirements for storage rooms and containers:**
 Observe official regulations on storing packagings with pressurized containers.
- **Storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.

8 Exposure controls and personal protection

- **Additional information about design of technical systems:**
 No further data; see section 7.

 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 compilation were used as basis.
- **Personal protective equipment**

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- **General protective and hygienic measures**
Do not inhale gases / fumes / aerosols.
- **Breathing equipment:**
Personal protection is not normally required. However, inhalation of dust, vapour or aerosol should be avoided.
- **Protection of hands:**
Rinse and dry hands after use. For prolonged contact protection for the skin may be necessary.
- **Eye protection:** Not required.

9 Physical and chemical properties

- **General Information**
- **Form:** Aerosol
- **Colour:**
Milky
White
- **Odour:** Slightly perfumed
- **Change in condition**
- **Melting point/Melting range:** Value/Range Unit Method
Not determined
- **Boiling point/Boiling range:** Not applicable, as aerosol
- **Flash point:** Not applicable, as aerosol
- **Spontaneous combustion:** Product is not self igniting.
- **Danger of explosion:** Product is not explosive.
- **Density** Not determined
- **Solubility in / Miscibility with**
- **Water:** Fully miscible

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known
- **Hazardous decomposition products:**
No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity:**
- **LD50 (oral):**
Based on the toxicological classification the LD50 (oral) is estimated to be > 2000 mg/kg.
- **Primary irritant effect:**
- **skin contact:** Direct contact can damage skin by freezing.

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- **eye contact:** Direct contact can damage the eye by freezing.
- **inhalation:**
Unlikely to be irritant or harmful in normal use. Very high concentrations may cause asphyxia or narcosis.
- **ingestion:** Not applicable.
- **Additional toxicological information:**
The product is not subject to labelling requirements for toxicological properties or human health effects under the EC Dangerous Substances and Preparations Directives.
When used and handled according to instructions, the product is unlikely to have any harmful effects.

12 Ecological information

- **General notes:**
When used for its intended purpose this product should not cause adverse effects in the environment.

13 Disposal considerations

- **Product**
- **Recommendation:**
Only dispose totally empty aerosol dispensers, observing regulations of the local authorities.
- **European waste catalogue**
16 05 05: gases in pressure containers other than those mentioned in 16 05 04
- **Uncleaned packagings**
- **Recommendation:** Dispose of observing official regulations.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID Class:** 2 5A Gases.
- **Kemler Number:** -
- **UN-Number:** 1950
- **Packaging group:** -
- **Label** 2.2
- **Proper Shipping Name:** 1950 AEROSOLS
- **Maritime transport IMDG:**
- **IMDG Class:** 2
- **UN Number:** 1950
- **Label** 2.2
- **Packaging group:** -

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- **EMS Number:** F-D,S-U
- **Marine pollutant:** No
- **Proper Shipping Name:** AEROSOLS
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** 2
- **UN/ID Number:** 1950
- **Label** 2.2
- **Packaging group:** -
- **Proper Shipping Name:** AEROSOLS
- **Transport/Additional information:**
 Transport regulations include special provisions for certain classes of dangerous goods packed in limited quantities.

15 Regulatory information

- **Classification according to EC guidelines:**
 Non-dangerous according to the guidelines of the relevant EC Directives.
- **Safety phrases:**
 23 Do not breathe spray.
 51 Use only in well-ventilated areas.
- **Further indications on the label:**
 Rinse and dry hands after use. For prolonged contact protection for the skin may be necessary.
 Safety data sheet available for professional user on request. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
 Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking.
 9.9 % by mass of the contents are flammable
 Keep out of the reach of children

16 Other information

- The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract.
- **Text of risk phrases associated with ingredients listed in section 2**
 10 Flammable.
 65 Harmful: may cause lung damage if swallowed.
 66 Repeated exposure may cause skin dryness or cracking.
 - **Department issuing material safety data sheet:**
 JohnsonDiversey Europe BV, Professional & Regulatory Affairs, Research & Development - EMA region, Utrecht, The Netherlands

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· **Contact:**

For information to JohnsonDiversey operating companies: JohnsonDiversey Europe BV, Professional & Regulatory Affairs, Research & Development - EMA region, Utrecht, The Netherlands

· **International references:**

· **MSDS code:** MSDS4687

· **Version:** 1

· **MSDS review date:** 12.11.2003

· **Formulation code:** 781350/006

· **Clearance code:** SCJ-system clearance

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