

Material Safety Data Sheet

According to 91/155 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 03.07.2002

Reviewed on 02.07.2002

1 Product and company identification

- **Brandname:** DICOLUBE D64 VL8
- **Application of the product:**
Professional cleaning/maintenance product for food & beverage industries.
- **Manufacturer/Supplier:** JohnsonDiversey
- **Information department:** JohnsonDiversey local operating company
- **Emergency information:** JohnsonDiversey local operating company

2 Composition / Information on ingredients

- **Chemical characterization**
- **Description:**
Mixture in water of non-dangerous ingredients and the substances listed below.

Hazardous ingredients:
90640-46-3 amines, N-C12-18-alkyltrimethylenedi-,
diacetates 5-15 %
Xi, N; R 38-41-50
EINECS: 292-565-7

alkyl alcohol ethoxylate < 5 %
Xn; R 22-41
Polymer
85711-39-3 amines, C12-18-alkyldimethyl, acetates < 5 %
Xi, N; R 38-41-50/53
EINECS: 288-298-0
- **Ingredients according to 89/542/EEC**
cationic surfactants 5 - 15%
non-ionic surfactants < 5%
- **Additional information:**
The full text of the relevant risk phrases is given in section 16.

3 Hazards identification

- **Classification:** Xi Irritant
- **Hazards for man and the environment:**
R 41 Risk of serious damage to eyes.
- **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** Not applicable.
- **Skin contact** Not applicable.
- **Eye contact**
Wash immediately with copious amounts of water and obtain medical attention.

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· **Ingestion** 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.

6 Accidental release measures

- **Protection of personnel:** Not required.
- **Environmental precautions:** Dilute with plenty of water.
- **Method of disposal:**
Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust).
Dispose of the collected material according to the regulations.

7 Handling and storage

- **Handling (see also sections 8 and 15)**
- **Information for safe handling:**
Use common rules for working with chemicals.
- **Information about protection against explosions and fires:**
No special measures required.
- **Storage**
- **Requirements for storage rooms and containers:**
According to local legislation.
- **Storage in one common storage facility:** According to local legislation.
- **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**
- **General protective and hygienic measures**
Take off immediately all contaminated clothing.
Wash hands during breaks and at the end of the work.
Avoid contact with the eyes.
- **Breathing equipment:** Personal protection is not normally required.

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- **Protection of hands:** In normal use hand protection is not required.
- **Eye protection:** Tightly fitting safety glasses.

9 Physical and chemical properties

· General Information

· **Form:** Liquid

· **Colour:**

Clear

Yellow

· **Odour:** Characteristic

·

Value/Range	Unit	Method
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· **Change in condition**

· **Melting point/Melting range:** Not determined

· **Boiling point/Boiling range:** Not determined

· **Flash point:** Not applicable

· **Spontaneous combustion:** Product is not self igniting.

· **Danger of explosion:** Product is not explosive.

· **Density** at 20 ° C 1.00 g/cm³

· **Solubility in / Miscibility with**

· **Water:** Fully miscible

· **pH-value:** 6.0 < pH <= 6.5

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:** Unlikely to be irritant in normal use.

· **eye contact:** Causes severe irritation.

· **inhalation:** Causes irritation.

· **ingestion:** Causes irritation.

· **Additional toxicological information:**

EC classification:

Irritant

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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:**

Must not be disposed of together with domestic waste. Do not allow undiluted product to reach sewage system.

· **European waste catalogue**

20 01 29: detergents containing dangerous substances

· **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:** -

· **Maritime transport IMDG:**

· **IMDG Class:** -

· **Air transport ICAO-TI and IATA-DGR:**

· **ICAO/IATA Class:** -

· **Transport/Additional information:**

Non-dangerous according to above regulations.

15 Regulatory information

· **Classification according to EC guidelines:**

The product has been classified and labelled in accordance with current EC Directives.

· **Symbol and hazard indication of product:** Xi Irritant

· **Risk phrases:** 41 Risk of serious damage to eyes.

· **Safety phrases:**

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

39 Wear eye/face protection.

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.

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· **Text of risk phrases associated with ingredients listed in section 2**

- 22 Harmful if swallowed.
- 38 Irritating to skin.
- 41 Risk of serious damage to eyes.
- 50 Very toxic to aquatic organisms.
- 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

· **Department issuing material safety data sheet:**

JohnsonDiversey Regulatory Group PP&I, Utrecht, The Netherlands

· **Contact:**

JohnsonDiversey Regulatory Group PP&I, Utrecht, The Netherlands, for information to JohnsonDiversey operating companies.

· **International references:**

· **MSDS code:** MSDS1860

· **Version:** 2

· **MSDS review date:** 28.06.2002

· **Formulation code:** VL08-02

· **Clearance code:** R57263

· *** Revisions are indicated by an asterisk (*) in the margin.**

This update concerns a re-issue related to the introduction of 99/45/EC and 2001/58/EC, and the 28th ATP of 76/768/EEC. In view of the large number of changes the individual revisions have not been indicated in this new version.