



MATERIAL SAFETY DATA SHEET

According to 91/155/EEC, 93/112/EC, 2001/58/EC

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FOR EMERGENCY AND GENERAL INFORMATION

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SECTION 1 - PRODUCT IDENTIFICATION

Product Name : Crew[®] Hygienic floor cleaner concentrate

Application of the product : Floor Cleaner Disinfectant for professional use.

SECTION 2 - HAZARDS IDENTIFICATION

Classification : Non-dangerous according to the classification systems of the relevant EC guidelines.

Hazards for man and the environment : void

Classification system : The classification complies with current EC regulations on dangerous substances and preparations.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization

Description : Mixture in water of non-dangerous ingredients and substances listed below.

Hazardous ingredients :

CAS: 68989-00-4 EINECS: 273-544-1	alkyldimethylbenzylammoniumchloride	C, N; R 22-34-50	2 - 5%
CAS : 69011-36-5 EINECS : polymer	alkyl alcohol ethoxylate	Xn; R 22-41	5-15%

Ingredients according to EC Detergents Regulation 648/2004 :

nonionic surfactants	5-15%
disinfectants	

Additional information : The full text of the relevant risk phrases is given in section 16.

SECTION 4 - FIRST AID MEASURES

General information : No special measures required.

Inhalation : No special measures required.

Skin contact : No special measures required.

Eye contact : Wash immediately with copious amounts of water.

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

SECTION 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.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Protection of personnel : Not required.

Environmental precautions : Dilute with plenty of water.



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Method of disposal : Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust). Dispose of the collected material according to the regulations.

SECTION 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.

SECTION 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 Protection equipment :

General protective and hygienic measures :

Keep away from foodstuffs, beverages and food.

Wash hands during breaks and at the end of the work.

Avoid contact with the eyes.

Breathing equipment : Personal protection is not normally required.

Protection of hands : Rinse and dry hands after use. For prolonged contact, protection for the skin may be necessary.

Eye protection : Tightly fitting safety glasses.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

General information :

Form: Liquid
Colour: Clear, Pink
Odour: Characteristic

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 25°C : 0.99 - 1.02 g/cm³
Solubility in / Miscibility with Water: Fully miscible
pH-value (Neat) : 6.5 - 7.5

SECTION 10 - STABILITY AND REACTIVITY

Thermal decomposition / conditions to be avoided : No decomposition if used according to specifications.



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Dangerous reactions : No dangerous reactions known.

Hazardous decomposition products : No dangerous decomposition products known.

SECTION 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 : Not applicable.

ingestion : Unlikely to be harmful unless excessive amount is ingested.

Additional toxicological information : When used and handled according to instructions, the product is unlikely to have any harmful effects.

SECTION 12 - ECOLOGICAL INFORMATION

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

SECTION 13 - DISPOSAL CONSIDERATIONS

Product :

Recommendation : Dispose of observing official regulations.

European waste catalogue :

16 03 06 organic wastes other than those mentioned in 16 03 05

Uncleaned packagings :

Recommendation : Dispose of observing official regulations.

Recommended cleaning agent : Water, if necessary with cleaning agent.

SECTION 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.

SECTION 15 - REGULATORY INFORMATION

Classification according to EC guidelines : Non-dangerous according to the guidelines of the relevant EC Directives.

SECTION 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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Product Name : Crew[®] Hygienic floor cleaner concentrate

Text of risk phrases associated with ingredients listed in section 3 :

- 22 Harmful if swallowed.
- 34 Causes burns.
- 41 Risk of serious damage to eyes.
- 50 Very toxic to aquatic organisms.

Department issuing material safety data sheet:

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** In case of local regulation change or formulation change this MSDS may undergo revision before the stated revision date.*