

MATERIAL SAFETY DATA SHEET

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

TOLL FREE HELPLINE: 1800 209 2095

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FOR EMERGENCY AND GENERAL INFORMATION

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SECTION 1 - PRODUCT IDENTIFICATION

Product Name: Crew[®] Stαinless Steel Cleαner & Polish

Application of the product: Professional product for stainless steel polish

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: 64742-47-8 distillates (petroleum), hydrotreated light Xn: R 65-66 330%

EINECS: 265-149-8

Ingredients according to EC Detergents Regulation 648/2004:

>30% aliphatic hydrocarbons

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: Remove from source from exposure. Obtain medical attention if symptoms develop.

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) tan medical attention.

SECTION 5 - FIRE FIGHTING MEASURES

Suitable extinguishing media: CO2, extinguishing powder or water jet. Fight larger fires with water jet or alcoholresistant foam.

Protective equipment: No special measures required.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Protection of personnel: Not required.

Environmental precautions: No special measures required.

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

collected material according to the regulations.

Additional information: No dangerous materials are released.



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SECTION 7 - HANDLING AND STORAGE

Handling (see also sections 8 and 15)

Information for safe handling: Ensure good ventilation/exhaustion at the workplace. Prevent the formation of aerosols.

Information about protection against explosions and fires: No special measures required.

Storage:

Requirements for storage rooms and containers: No special measures required.

Storage in one common storage facility: Not required. **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 : Do not inhale gases fumes / aerosols. Use only in well-ventilated areas.

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 of the skin may be necessary. **Eye protection**: Safety glasses are not normally required. However, their use is recommended in those cases where handling the undiluted product involves a risk of splashing.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES_

General information:

Form: Liquid
Colour: Milky, White
Odour: Characteristic

Change in condition:

Melting point/Melting range: Not determined

Boiling point/Boiling range: >90°C (aqueous base product) **Flash point:** Since it is water based no flash point

Spontaneous combustion: Product is not self igniting **Danger of explosion:** Product is not explosive.

Density at 25°C: 0.90 - 0.96 g/cm³

Solubility in / Miscibility with Water: Not miscible or difficult to mix.

pH-value: 6.5 - 8.0

SECTION 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.



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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**: Unlikely to be irritant in normal use.

inhalation: Can cause irritation.

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

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.

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.

Ingredients responsible for the classification:

distillates (petroleum), hydrotreated light

Safety phrases:

23 Do not breathe spray.

51 Use only in well-ventilated areas.

Page 4 of 4



MATERIAL SAFETY DATA SHEET

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

Product Name: Crew Stainless Steel Cleaner & Polish

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 use on request.

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.

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

65 Harmful: may cause lung damage if swallowed.

66 Repeated exposure may cause skin dryness or cracking.

Department issuing material safety data sheet:

Contact:

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