

Material Safety Data Sheet account to 91/155/EEC

ZESTRON

... ein Unternehmensbereich der Dr. O.K. Wack Chemie GmbH

Bunsenstrasse 6 : D- 85053 Ingolstadt, Germany
Telefon: +49 841 635-0; Fax: +49 841 635-40

Date printed: 09.12.04

ATRON SP 300 conc

Date revised: 09.12.04

1. Chemical product and company identification

- **Product information :** Alkaline cleaning agent concentrate for pallet cleaning
- **Tradename :** **ATRON SP 300 conc.**
- **Manufacturer/Supplier :** Dr. O. K. Wack Chemie GmbH
Bunsenstr. 6, 85053 Ingolstadt, **Tel.:** 0049/841/635 0
- **Customer information :** R&D Dept. / Safety department
- **Emergency information :** During business hours: + + 49-841-635-23

2. Composition/Information on ingredients

- **Chemical characterisation :** Alkaline cleaning agent

- **Hazardous ingredients :**

EU-No.	CAS-No.	Name	% Weight	Symbol	R-Phrases
205-483-3	141-43-5	2-Amino-ethanol	< 20	Xn	R 20-36/37/38*

*see paragraph 16

3. Hazards identification

- Indications of danger (symbols) :** none
Risk phrases : none
System of classification : The classification is in accordance with the actual EEC - Regulations.

4. First aid

- **General remarks:** Remove person from exposure. Remove contaminated clothing.
- **Inhalation:** Immediately remove to fresh air. If effects occur consult a physician.
- **Skin contact:** Immediately remove contaminated clothing. Wash contaminated areas with mild soap and water. If necessary consult a physician.
- **Eye contact:** Flush with excess amount of water for 15 min in the open eye lid. Use flowing water or shower. Consult a physician.
- **Ingestion:** Do not induce vomiting, immediately consult a physician.

5. Fire fighting measures

- **Extinguishing media :** Alcohol resistant foam, dry chemical, carbon dioxide, water spray
- **Non suitable media :** Water stream
- **Special protective equipment:** Self – contained breathing apparatus. In case of fire or heating formation of toxic gas possible.

6. Accidental release measures

- **Personal precautions :** Use sufficient ventilation . Wear protective gloves and chemical splash goggles.
- **Environmental protection measures :** Keep material out of sewers, storm drains, surface waters and soil.
- **Action to take for spills /leaks :** Soak up with liquid binding material (sand, kieselguhr). For disposal see No.13.

7. Handling and storage

- **Handling :**
- **Special precautions to be taken in handling :** Supply a sufficient ventilation or local exhaust system. Wear protective clothing.

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- Special precautions to be taken for fire- and explosion protection :

In case of fire spray container with water .

Heating leads to increased pressure and danger of bursting.

- Storage : Store in cool frost - free place and in a suitable collecting device. Keep container tightly closed.**8. Exposure controls/Personal protection****- Components with applicable exposure limits:**

<u>EU-No.</u>	<u>CAS-No.</u>	<u>Name of the component</u>	<u>%</u>	<u>Kind</u>	<u>Value</u>	<u>Dimens.</u>
205-483-3	141-43-5	2-Amino-ethanol	< 20	MAK	2	ml/m ³

- Additional information : These data are based on actual listings.**- Personal protective measures :****- General applicable protective measures :**

Supply a sufficient ventilation. Remove soiled clothing and wash it before reuse. Before breaks and after work wash the hands. Keep away from food, drinks and feeding stuff.

- Respiratory protection : Good general ventilation or local exhaust ventilation should be sufficient.**- Hand protection :** Chloroprene- or Nitrile-gloves**- Eye protection :** Chemical splash goggles**9. Physical and chemical properties****- State :** liquid**- Colour :** slight yellow**- Odour :** mild

<u>Value/range</u>	<u>Unit</u>	<u>Method</u>
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- Changes of state :**- Freezing-point :**

< -16 °C

< 3,2 °F

- Boiling point/boiling range :

168-229 °C

334,4-444,2 °F

- Flash point :

93 °C

199,4 °F

Pensky-Martens

- Ignition temperature :

not determined

- Explosion hazard:**- Explosion limits: lower:** not determined % by volume**upper:** not determined % by volume**- Vapour pressure (20°C) :** 0,16 mbar**- Density (20°C) :** 0,93+/-0.02 g/cm³

DIN 51757 ISO / R 758 - 1968

- Solubility in water : miscible**- pH - Value (10g/l) :** 11,0

DIN 19268

- Viscosity (20°C) : not determined cSt

DIN 51 562 ISO 3105

10. Stability and reactivity**- Conditions to be avoided :** No decomposition if used and stored as recommended.**- Substances to be avoided :** Strong oxidizing agents, acids**- Hazardous decomposition products :** No decomposition up to boiling point**11. Toxicological information****- Eye contact :** Irritating to eyes is possible.**- Skin contact :** Prolonged contact may cause skin irritation.**- Ingestion :** No data are available about oral toxicity.

The values of the constituents are higher than LD 50 (oral, rat) : 2000 mg/kg.

- Inhalation : Health hazards are unlikely.

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12. Ecological information

WGK (Germany) : 2 (Self classified according to the data of the constituents).

13. Disposal considerations

Classified in accordance to EU - Regulations 75/442/EWG and 91/689/EWG verified by EU - Regulations 2001/118/EG and 2001/119/EG (valid 01.01.2002) :

- **Disposal No. :** 140603 / other solvents and solvents mixture
- **Uncleaned containers :** Disposed as waste according to the local regulations.

14. Transport information

No dangerous good

Ground transportation ADR/RID

- **ADR/RID - class:** Not classified
- **UN-Number** Not classified
- **Item:** Not classified
- **Packaging classif.:** Not classified

Sea transportation

- **IMGD-Classif.:** Not classified
- **UN-Number:** Not classified
- **Packaging classif.:** Not classified
- **EMS-Number:** Not classified

Air transportation ICAO-TI and IATA-DGR:

- **ICAO/IATA-Classif.:** Not classif
- **UN-ID-Number:** Not classif
- **Packing Classif.:** Not classif

15. Regulatory information

- **EEC labelling :** none
- **Labelled hazardous components :** none
- **R-Phrases :** none
- **S-Phrases:**

Recomandation : S 24/25 : Avoid contact with skin and eyes.
S 51 : Use only in well-ventilated areas.

16. Additional information

Annex of R-phrases in 2 :

R 36/37/38 : Irritating to eyes, respiratory system and skin.

Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself. The contents and format of this MSDS are in accordance with EEC Commission Directive 91 / 155 / EEC.

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