

Material Safety Data Sheet
According to 91/155 EC

Printing date 22.11.2002

Reviewed on 22.11.2002

1 Identification of substance:

- Product details:
- Trade name: ALTO Super Blast P
- Manufacturer/Supplier:
ALTO Deutschland GmbH
Guido-Oberdorfer-Straße 2-8 Telefon: +49 7306/72-0
D - 89287 Bellenberg Telefax: +49 7306/72-316
- Informing department: Department cleaning and care agents
- Emergency information:
National Poisons
Information Service (L)
Medical Toxicology Unit
Avonley Road
Tel:0171/635 91 91
Fax:0171/771 53 09

2 Composition/Data on components:

- Chemical characterization:
CAS No. Designation:
7732-18-5 water, distilled, conductivity or of similar purity
- Identification number(s): void
- EINECS Number: 231-791-2

3 Hazards identification

- Hazard designation: void
- Information pertaining to particular dangers for man and environment
void

4 First aid measures

- General information No special measures required.
- After inhalation Supply fresh air; consult doctor in case of symptoms.
- After skin contact The product is not skin irritating.
- After eye contact
Rinse opened eye for several minutes under running water.
- After swallowing In case of persistent symptoms consult doctor.

5 Fire fighting measures

- Suitable extinguishing agents
CO2, extinguishing powder or water spray jet with softener additives or
with alcohol-resistant foam.
- Protective equipment: No special measures required.

6 Accidental release measures

- Person-related safety precautions: see point 8
- Measures for environmental protection: -
- Measures for cleaning/collecting:
Absorb with liquid-binding material (sand, diatomite, acid binders,
universal binders, sawdust).
- Additional information: No dangerous materials are released.

7 Handling and storage

- Handling

(Contd. on page 2)

Material Safety Data Sheet
According to 91/155 EC

Printing date 22.11.2002

Reviewed on 22.11.2002

Trade name: ALTO Super Blast P

(Contd. of page 1)

- Information for safe handling: No special measures required.
- Information about protection against explosions and fires:
No special measures required.
- Storage
- Requirements to be met by storerooms and containers:
No special requirements.
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions:
Store paper sacks in a dry place.
- Storage class
- Class according to regulation on inflammable liquids: Void

8 Exposure controls and personal protection

Components with limit values that require monitoring at the workplace:
Not required.

- Personal protective equipment
- General protective and hygienic measures
The usual precautionary measures should be adhered to general rules for handling chemicals.
- Breathing equipment: Not required.
- Protection of hands:
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- Material of gloves
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- Penetration time of glove material
- Eye protection: Safety glasses recommended during refilling.

9 Physical and chemical properties:

- General Information
- Form: granular
- Colour: Black
- Odour: not applicable
- Change in condition
- Melting point/Melting range: 0 ° C
- Boiling point/Boiling range: Not determined
- Flash point: Not applicable
- Danger of explosion: Product is not explosive.
- Vapour pressure: at 20 ° C 23 hPa
- Density at 20 ° C 2.6 g/cm³ DIN ISO 787
- Solubility in / Miscibility with
- Water: insoluble

(Contd. on page 3)

Material Safety Data Sheet
According to 91/155 EC

Printing date 22.11.2002

Reviewed on 22.11.2002

Trade name: ALTO Super Blast P

(Contd. of page 2)

10 Stability and reactivity

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

11 Toxicological information

- Acute toxicity:
- Primary irritant effect:
 - on the skin: No irritant effect.
 - on the eye: No irritant effect.
- Sensitization: No sensitizing effect known.
- Additional toxicological information:
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
The material is not subject to classification according to EC lists in the last version.

12 Ecological information:

- Information about elimination (persistence and degradability):
- Other information:
No ecologically negative effects known. Insoluble in water so that it can be removed from waste water by sedimentation

13 Disposal considerations

- Product:
- Recommendation
Can be deposited together with domestic refuse, observing the regulations of the pollution control authorities.
- Uncleaned packagings:
- Recommendation: In accordance with the statutory provisions

14 Transport information

- Land transport ADR/RID (cross-border)
- ADR/RID Class: -
- Maritime transport IMDG:
- Marine pollutant: No

15 Regulatory information

- Designation according to EC guidelines:
The material is not subject to classification according to EC lists and other sources of literature known to us.
Observe the normal safety regulations when handling chemicals
The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).
- National regulations

(Contd. on page 4)

Material Safety Data Sheet
According to 91/155 EC

Printing date 22.11.2002

Reviewed on 22.11.2002

Trade name: ALTO Super Blast P

(Contd. of page 3)

- Classification according to VbF: Void

16 Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Department issuing data specification sheet:
Department cleaning and care agents
