

Material Safety Data Sheet

According to 91/155 EEC

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• * 1 Identification of substance:

• Product details:

- Trade name: BURNSTOP IMS 433 P
- Application of the substance / the preparation Fire retarding agent

• Manufacturer/Supplier:

Fire Resistant B.V.
Octant 245-d
3328 SM Dordrecht

• Information department:

Tel. :
Fax :
Product safety department.
@-mail :

- **Emergency information:** Not relevant

• * 2 Composition/Data on components:

• Chemical characterization

• Description:

Mixture of the substances listed below with nonhazardous additions.
Mixture of non hazardous components

Dangerous components:

Void

• Additional information

Product compositional ranges are shown for health, safety and environmental use and are not intended to form any part of a specification.
For the wording of the listed risk phrases refer to section 16.

- * **3 Hazards identification**

- **Hazard description:** · not applicable
- **Information pertaining to particular dangers for man and environment**

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

- **Classification system**

The classification was made according to the latest editions of the EU- lists, and expanded upon from company and literature data.

- * **4 First aid measures**

- **General information** No special measures required.
- **After inhalation**
Supply fresh air; consult doctor in case of complaints.
Seek medical treatment in case of complaints.
- **After skin contact** Immediately rinse with water.
- **After eye contact**
Rinse opened eye for several minutes under running water.
- **After swallowing** If symptoms persist consult doctor.

- * **5 Fire fighting measures**

- **Suitable extinguishing agents**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards caused by the material, its products of combustion or resulting gases:**
In case of fire, the following can be released:
Nitrogen oxides (NO_x)
- **Protective equipment:** No special measures required.

- * **6 Accidental release measures**

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:**
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Additional information:** No dangerous substances are released.

- * **7 Handling and storage**

- **Handling**
- **Information for safe handling:**
No special precautions are necessary if used correctly.
- **Information about protection against explosions and fires:**
No special measures required.
- **Storage**
- **Requirements to be met by storerooms and receptacles:**
No special requirements.
- **Information about storage in one common storage facility:**
Store away from oxidizing agents.
- **Further information about storage conditions:** Protect from frost.

• * **8 Exposure controls and personal protection**

- **Additional information about design of technical systems:**
No further data; see item 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 creation were used as basis.

- **Personal protective equipment**

- **General protective and hygienic measures**

The usual precautionary measures should be adhered to when handling chemicals.

- **Breathing equipment:** Not required.

- **Protection of hands:**

Not required.

For the permanent contact in work areas with heightened risk of injury (mechanical hazard) no recommendation for a suitable glove material can be given.

- **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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:** Safety glasses

• * **9 Physical and chemical properties:**

- **General Information**

- **Form:** Liquid

- **Colour:** According to product specification

- **Odour:** Characteristic

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<u>Method</u>	<u>Value/Range</u>	<u>Unit</u>
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- **Change in condition**
- **Melting point/Melting range:** undetermined
- **Boiling point/Boiling range:** undetermined

- **Flash point:** Not applicable

- **Self igniting:** Product is not selfigniting.

- **Danger of explosion:**
Product does not present an explosion hazard.

- **Vapour pressure:** at 20 ° C 23 hPa
- **Density:** at 20 ° C 1.15 g/cm³

- **Solubility in / Miscibility with**
- **Water:** Easily soluble

- **pH-value:** at 20 ° C 6

- ***10 Stability and reactivity**

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Dangerous reactions** Reacts with alkalis releasing ammonia
- **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:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
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.

- ***12 Ecological information:**

- **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- ***13 Disposal considerations**

- **Product:**

- **Recommendation**

On the basis of the necessary technical regulations and after consultation with the disposal agent and the relevant authorities, can be disposed of with domestic waste or incinerated with domestic waste.

- **European waste catalogue**

The EC waste catalog number (EAC) can only be determined after the type of use by the end-user is known for this product.

- **Uncleaned packagings:**

- **Recommendation:** Packaging can be reused or recycled after cleaning.

- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

- ***14 Transport information**

- **Land transport ADR/RID (cross-border) Free transport**

- **ADR/RID class:** -

- **Remarks:** Free transport

- **Inland shipping ADN:**

- **Remarks:** Free transport

- **Maritime transport IMDG: Free Transport**

- **IMDG Class:** -

- **UN Number:** Not UN regulated

- **Marine pollutant:** No

- **Remarks:** Free transport

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

- **ICAO/IATA Class:** -

- **Remarks:** Free transport

- ***15 Regulations**

- **Markings according to EU guidelines:**

Observe the general safety regulations when handling chemicals

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (GefStoffV).

- **National regulations** This product is non hazardous

- **Information about limitation of use:** No known restrictions

- **Technical instructions (air):**

- **VOC content of coatings according EU regulations** 0.00 %

- **Water hazard class:**

Water hazard class 1 (Self-assessment): slightly hazardous for water.

- ***16 Other information:**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing MSDS:** Environment protection department

- *** Data compared to the previous version altered.**