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Wash contaminated clothing before using them.  
INHALATION: Remove to fresh air. If breathing is irregular seek medical advice.  
INGESTION: Obtain immediate medical attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an

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unconscious person.

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#### 5. Fire-fighting measures

Closed containers exposed to the heat of a fire may lead to pressure rise and explode. For information on environmental and health risks, protection of the respiratory airways, ventilation and individual protective measures refer to the other sections of this sheet. Extinguishing measures: CO<sub>2</sub>, foam, AFFF, chemical powder for flammable liquids. Water may not be effective to extinguish the fire, nevertheless it should be used to cool the containers exposed to flames and prevent fires and explosions. For leakage and spillage that have not caught fire, nebulized water may be used to disperse the flammable vapours and protect the people involved in stopping the leakage. Equipment: wear equipment complete with helmet and face shield and protection of the neck, self-breathing apparatus at pressure or demand, insulative jacket and trousers, with bands around the arms, legs and waist.

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#### 6. Accidental release measures

Extinguish the sources of ignition or heat; cover the spillage with absorbent material. Collect the spilt material and discard the remainder spraying water, if not contraindicated (see section 10). For information on environmental and health risks, protection of the respiratory airways, ventilation and individual protective measures, refer to the other sections of this sheet.  
Spillage in waters: remove the liquid from the surface with flame-proof pumps or manual pumps or suitable absorbent material. Resort to sinking and/or dispersion of the product with suitable substances in open waters, if permitted by the law. The product can be separated from the effluents with oil separators.

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#### 7. Handling and storage

Store in a well-ventilated place keeping the containers closed when not used. Do not smoke while handling. Keep far away from sources of heat, naked flames and sparks and other sources of ignition; do not spray in the vicinity of flames or incandescent materials. For information on environmental and health risks, protection of the respiratory airways, ventilation and individual protective measures refer to the other sections of this sheet.

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#### 8. Exposure controls/personal protection.

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TURPENTINE  
 . TLV TWA 556,000 mg/m3 ACGIH  
 BUTANOL ; BUTYL ALCOHOL (EXCEPT  
 TERT-BUTYL ALCOHOL)  
 . TLV TWA 152,000 mg/m3 ACGIH

In order to minimize exposure as far as possible, it is strongly recommended to use adequate individual protective measures such as: masks suitable for the product, goggles, gloves and overalls. Do not eat, drink or smoke while handling it. Accurately wash the hands with soap and water before meals and at the end of the work shift.

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### 9. Physical and chemical properties

Appearance ..... Liquid  
 Colour ..... Yellowish  
 Odour ..... Turpentine essence and alcohols  
 Flash point ..... > 21ø  
 Solubility ..... Turpentine essence  
 Specific gravity..... 20ø 1,000 kg/l 0,1

### 10. Stability and reactivity

The product is stable in normal conditions of use and storage. When heated or in the event of a fire, carbonoxides may be released and vapours which are dangerous to health. The vapours may also form explosive mixtures with the air.  
 Mineral white spirits (trementhine) reacts violently with strong oxidizing agents and chlorine. May ignite on contact with stannic chloride; dissolves rubber.  
 Isobutylic and secondary alcohols are biodegradable (MITI1984). The butyl alcohol mixture reacts with strong oxidizing agents and alkaline metals releasing flammable hydrogen. It attacks different types of plastic materials.

### 11. Toxicological information

This product is harmful. Even though it is not a probable way of exposure, ingestion may cause depression of the CNS, with headache, vertigo, muscular weakness, drowsiness, lack of coordination, weariness, blurred vision and speech.  
 Ingestion may also cause abdominal pains with nausea and vomit.

### 12. Ecological information

Petroleum distillates, charcoal, vegetable extracts: they are mixtures of paraffinic, naphthenic, diterpenic and aromatic hydrocarbons. Their behaviour on the environment depends on the concentration. In each case use, according to good working practices, avoiding disposal in the environment. As a rule, the product is poorly biodegradable.

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Use in accordance with good working practices, avoiding dispersion of the product in the environment. In sections N. 10 and 16, data and judgements expressed on aquatic toxicity, motility, persistence and biodegradability, and bioaccumulation potential are reported.

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### 13. Disposal considerations

Consider the possibility of burning the product in a suitable incinerator, after adding fuel if necessary. Acid or basic products must always be neutralized before undergoing any treatment, including biological treatment whenever feasible. If the waste is solid, it can be disposed of in a landfill.

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### 14. Transport informations

Road and rail transport  
 RID/ADR 3,31c 3/1299 3

Carriage by sea (shipping)  
 IMDG 3/III

Air transportation  
 ICAO/IATA 3/III

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### 15. Regulatory information

Health hazard symbol	Xn HARMFUL
- R10	FLAMMABLE.
- R20/21/22	HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED.
- S 2	KEEP OUT OF REACH OF CHILDREN.
- S16	KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING.
- S46	IF SWALLOWED, SEEK MEDICAL ADVICE IMMEDIATELY AND SHOW THIS CONTAINER OR LABEL.

Contains:  
 TURPENTINE

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### 16. Further information

The present sheet has been drawn up according to community regulations in force. General references: 1 - Directive 88/379/EEC 2 - Directive 91/325/EEC 3 - The Merck Index Ed. 10 4 - Handling Chemicals Safety 5 - Niosh - Registry of Toxic Effects of Chemical Substances 6 - INRS - Fiche Toxicologique 7 - Patty - Industrial Hygiene and Toxicology 8 - N.I. Sax - Dangerous properties of Industrial Materials - 7 Ed., 1988 9 - EEC Directive 93/18 of 5-4-93 (third revision Dir. 88/379) 10 - EEC Directive

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93/21 of 27-4-93 (XVIII revision Dir. 67/548) 11 - IMO (Inter. Maritime Organization), Report N. 35, 1989. Note for the user: The data contained in this sheet are the result of the most up-to-date information available in our Company. The user must ensure that the information is suitable and complete in relation to the specific use of the product.