

Material Safety Data Sheet EXOSOL/I.P.A.

IMPORTANT: Read this MSDS before handling and disposing of this product and pass this information on to employees, customers and users of this product. The contents and format of this MSDS are in accordance with EC Commission Directive 91/155EEC.

2.1 Composition of the Preparation

| | |
|-------------|-----|
| Xylene | 50% |
| Isopropanol | 50% |

3. Hazards Identification

| | |
|-------------------------|--|
| Health Hazard | Irritating to skin and extremely irritating to eyes. Vapour narcotic in high concentrations. If benzene is present as an impurity, repeated inhalation over a long period may cause blood disease. |
| Fire & Explosion Hazard | Flammable |

4. First Aid Measures

- Eye Contact
 - Irrigate thoroughly with water for at least 10 minutes. OBTAIN MEDICAL ATTENTION.
- Inhalation
 - Remove from exposure, rest and keep warm. In severe cases obtain medical attention.
- Skin Contact
 - Wash off skin thoroughly with water. Remove contaminated clothing and wash before re-use. In severe cases obtain medical attention.
- Ingestion
 - Wash out mouth thoroughly with water and give plenty of water to drink. Obtain medical attention.

5. Fire Fighting Measures

Foam, dry powder, carbon dioxide or vaporising liquids

6. Accidental Release Measures
PRECAUTIONS

Shut off all sources of ignition. Inform others to keep at a safe distance. Wear appropriate protective clothing. Absorb on an inert absorbent, transfer to container and arrange removal by disposal company. Wash site of spillage thoroughly with water and detergent.
For large spillage's liquids should be contained with sand or earth and both liquids and solids transferred to salvage containers. Any residues should be treated as for small spillage's. If material has entered surface drains it may be necessary to inform local authorities, including fire services if flammable.

7. Handling and Storage

Special Requirements - As required by the Petroleum Act 1928 and the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations 1972. In accordance with HSE guidance note CS17.

8. Exposure controls / personal protection (as appropriate to quantity handled)

| | |
|------------------------|--|
| Respiratory Protection | Self-contained breathing apparatus |
| Skin Protection | Gloves Nitrile |
| Ventilation | Fume-cupboard, flameproof |
| Eye Protection | Goggles or face shield |
| Other Measures | Plastic apron, sleeves, boots - if handling large quantities |

9. Physical and Chemical Properties

| | |
|----------------------------|---------------------------------------|
| Description | Colourless liquid, benzene-like odour |
| Solubility in water | Immiscible or insoluble |
| M Pt (deg°C) | n/a |
| Flash Point (deg°C) | 19 |
| B Pt (deg°C) | n/a |
| Auto-Ignition Temp (deg°C) | n/a |
| Specific Gravity | n/a |

10. Stability and Reactivity

| | |
|---------------------------------|--|
| Stability | Stable |
| Reaction With Water | None |
| Other Known Hazards | Can react vigorously with oxidising materials. Nitration of xylene should be carefully controlled. |
| Avoid Contact With - Water (No) | Acids (No) |
| | Bases (No) |
| | Oxidisers (Yes) |
| | Combustibles (No) |

11. Toxicological information

| | |
|-----------------|---|
| Toxicity | LD50 4300 mg/kg oral, rat LC50 22mg/1 inh rat |
| Carcinogenicity | No evidence of carcinogenic properties |
| Mutagenicity | No evidence of mutagenic or teratogenic effects |
| Exposure Limits | OES, mg/m ³ 435 skin (long-term, 8 hour TWA) |

12. Ecological Information

Readily biodegradable Water hazard - could present a hazard due to oxygen depletion.

13. Disposal Considerations

Dispose of in accordance with local authority requirements or pass to chemical disposal company.

14. Transportation Information

| | |
|-------|--|
| UN No | 1993 ADR |
| | Class 3 |
| | Packing Group 2 |
| IMDG | Class 3 |
| | Packing Group 2 |
| | Proper shipping name – flammable liquid N.O.S (50% Xylene / 50% Isopropanol) |

15. Regulatory Information

| | | |
|-------------|-----------------------------------|-----------------------------------|
| EEC Label | Highly Flammable | Highly Flammable Liquid Reg. 1972 |
| R - Phrases | R-11, R-20/21, R-38 | H.S.W. Act 1974 |
| S - Phrases | S-9/16, S-23, S-24/25, S-29, S-33 | |

16. Other Information

All information, recommendations and suggestions herein concerning the above product are based upon data believed to be reliable, however, it is the users responsibility to determine the safety, toxicity, and suitability for his/her own use of the product described herein. The information herein should not be construed as being absolutely complete since additional information may be necessary or desirable when special or exceptional circumstances exist or because of applicable laws or regulations.

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