

Material Safety Data Sheet (MSDS)

METADOR

THE INFORMATION IN THIS MSDS WAS OBTAINED FROM CURRENT AND REPUTABLE SOURCES. IT IS HOWEVER THE USER'S RESPONSIBILITY BOTH TO DETERMINE SAFE CONDITIONS FOR USE OF THIS PRODUCT AND TO ASSUME LIABILITY FOR LOSS, INJURY, OR EXPENSE RESULTING FROM IMPROPER USE OF THIS PRODUCT.

| Info | Identification |
|-------------------|---|
| EPA Reg No | N/A |
| Manufacturer | OKEANOS TRUST P.O. Box 708, Durbanville 7551, South Africa +(27) 86 100 5051 |
| Trade Name | Metador |
| Active ingredient | Fish emulsion + Nitrogen |
| Description | Liquid |
| Health | Non toxic |
| Flammability | N/A |
| Reactivity | N/A |

| Info | Fire, Explosion & Reactivity |
|--|---|
| Flash Point | N/A |
| Extinguishing Media | N/A |
| Products of Combustion | These products are: Carbon dioxide, Carbon monoxide, Nitrogen oxides |
| Stability | Stable above pH 8.0 |
| Incompatibility | Highly reactive or incompatible with the following materials: oxidizing materials and acids. |
| Hazardous thermal decomposition products | These products are: Carbon oxides (CO, CO ²), Nitrogen oxides (NO, NO ²), Ammonia (NH ₃). |
| Fire Fighting Media | In case of fire, use water spray (fog, foam, dry chemical or CO ²) |
| Unusual Fire Hazard | N/A |

| Info | Physical Data |
|------------------|---------------------------------|
| Color & Odor | Brown liquid with a fishy smell |
| Boiling Point | 100 ⁰ C |
| Melting Point | N/A |
| Vapor Pressure | N/A |
| Vapor Density | N/A |
| Specific gravity | 1.1 |
| Water Solubility | Soluble |

| Info | Protection Data |
|---|--|
| Respiratory | N/A |
| Ventilation | Use under ventilated conditions |
| Skin | N/A |
| Eye | Avoid contact with eyes, use safety eyewear |
| Hygiene | Wash intact body parts after handling chemical products |
| Info | Health Hazards |
| Threshold Limit | N/A |
| Exposure Signs and Symptoms | May cause eye irritation |
| Carcinogen | NO |
| Medical conditions aggravated by exposure | Epidermal and respiratory problems |
| Routs of Entry | N/A |
| NTP listing | Not listed |
| Health Hazard Notes: | Irritant- skin and eye contact |
| | |
| Info | Emergency First Aid |
| Inhalation | Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms occur. |
| Eye Contact | Flush with water. If difficulty persists, seek medical attention |
| Skin Contact | Wash affected area with plenty of soap and water |
| Ingestion | Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur. |
| | |
| Info | Spill, Leakage & Disposal Procedures |
| Spill Procedures | Recover free product. Use absorbent material to minimize runoff of mixed product, e.g. Sand, earth, vermiculite or diatomaceous earth. |
| Waste Disposal | Rinse container and add to diluted material |
| | |
| Info | Handling & Shipping Procedures |
| Handling & Shipping Procedures | Store in a cool dry place away from heat and direct sunlight. |