

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Product name	MasimoSol 2050
Product Code	MAS 2012
Use / description of product	INDUSTRIAL SOLVENT Industrial Solvent (Note: This product must not be used in applications other than the above without first seeking the advice of the supplier)
CAS –No.	64742-81-0
Supplier	Masimo Chemicals South Africa (PTY) Ltd G9 Arbour Grove Office Park 10 Oppenheimer Road Amanzimtoti, Durban,4120
Emergency Telephone - South Africa	+27 (0)82 430 9754 +27 (0)83 638 0165

2. COMPOSITION / INFORMATION ON INGREDIENTS

- Hazardous ingredients : PETROLEUM BASED HYDROCARBON OIL >99.9%

3. HAZARDS IDENTIFICATION

- Main Hazards
Flammable. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed. Vapours may cause drowsiness and dizziness.
Not classified as a physical hazard according to CLP criteria

4. FIRST-AID MEASURES

- Skin contact
Wash skin thoroughly with water and remove contaminated clothing. Obtain medical attention if symptoms develop.
- Eye contact
Flush eyes with clean water for at least 15 minutes whilst holding eyelids open. Seek medical advice if irritation persists.
- Ingestion
Do not induce vomiting. Immediately rinse mouth and then drink plenty of water. Get prompt medical attention.
- Inhalation:
Remove casualty from exposure ensuring one's own safety whilst

doing so. Remove to fresh air. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.

5. FIRE-FIGHTING MEASURES

- Extinguishing media
Water spray. Carbon dioxide. Alcohol or polymer foam. Dry chemical powder.
- Exposure hazards
Vapour may travel considerable distance to source of ignition and flash back. In combustion emits toxic fumes of carbon dioxide / carbon monoxide.
- Protection of firefighters
Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURE

- Personal precautions
Refer to section 8 of SDS for personal protection details. Eliminate all sources of ignition. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Notify authorities if any exposure to the general public or the environment occurs or is likely to occur.
- Environmental precautions
Do not discharge into drains or rivers. Contain the spillage using sufficient appropriate absorbent material.
- Clean-up procedures
Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. HANDLING AND STORAGE

- Handling requirements
Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance. Use non-sparking tools.
- Storage conditions
Store in cool, well-ventilated area. Prevent the build-up of electrostatic charge in the immediate area.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Workplace exposure limits

- WEL (8 hr exposure limit)
100ppm
- Engineering measures
Ensure there is sufficient ventilation of the area.
- Respiratory protection

If Workplace Exposure Limit(s) listed above are exceeded, respiratory protection may be required.

- Hand protection
Protective gloves.
- Eye protection
Wear safety glasses or goggles if risk of splashing.
- Skin protection
Protective overalls.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Colour	Colourless
Odour	Hydrocarbon
Solubility in water	Insoluble
Viscosity	Non-viscous
Boiling point and boiling range	200°C TO 250°C
Flammability limits %: Lower	0,7
Flammability limits %: Lower	6,5
Flash point °C	88
Relative density	0.795 - 0.800

10. STABILITY AND REACTIVITY

- Stability
Stable under normal conditions.
- Conditions to avoid
Sparks. Naked flames. Heat.
- Materials to avoid
Strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

- Routes of exposure
Exposure to high levels of vapour may cause drowsiness, dizziness, nausea, headaches, vomiting. Prolonged contact with skin may cause irritation leading to dermatitis in extreme cases. May cause eye irritation.

12. ECOLOGICAL INFORMATION

- Mobility
Floats on water.
- Persistence and degradability
Inherently biodegradable.
- Bioaccumulative potential
Bioaccumulation potential.

13. DISPOSAL CONSIDERATIONS

- Disposal operations
Contact Local Waste Disposal Authorities to arrange disposal.

The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

International Regulations

- **IATA-DGR**
Not regulated as a dangerous good
- **IMDG-Code**
Not regulated as a dangerous good
- Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Pollution category	:	Annex I
Ship type	:	Annex I or Double hull vessels with carriage of oil certification
Product name	:	Kerosene
- Special precautions for user
Special Precautions: Refer to Section 7, Handling & Storage, for special precautions, which a user needs to be aware of or needs to comply with in connection with transport
- Additional Information :
This product may be transported under nitrogen blanketing. Nitrogen is an odourless and invisible gas. Exposure to nitrogen-enriched atmospheres displaces available oxygen, which may cause asphyxiation or death. Personnel must observe strict safety precautions when involved with a confined space entry.

15. REGULATORY INFORMATION

- Hazard symbols

Harmful
Dangerous for the environment



Full text of R-Phrases	
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

Full text of H-Statements	
EUH066	Repeated exposure may cause skin dryness or cracking.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

Full text of other abbreviations	
Aquatic Chronic	Chronic aquatic toxicity
Asp. Tox.	Aspiration hazard
STOT SE	Specific target organ toxicity - single exposure

- Training advice

Provide adequate information, instruction and training for operators

The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions, which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

- Other information:

Always use in accordance with manufacturer's directions.

Suggested Hazard Groups A and S for handling this product (Publication HSG193-HSE COSHH Essentials guidelines). This safety data sheet is prepared in accordance with EC Directive 2001/58/EC.

- Legal disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.