



1. Identification of the substance/mixture and basic company information

Trade Name	:	Solvane 44
Chemical Formula	:	Formulated Chemical
Manufacture / Supplied by	:	Cernol Chemicals (Namibia) (Pty) Ltd P O Box 22880, Windhoek, Namibia
Emergency telephone number	:	0024641-262 985 (International)

2. Composition and information of ingredients

Application	:	Blend of chlorinated and aliphatic hydrocarbons
Chemical composition	:	White Spirits CAS No. 64742-88-7, Perchloroethylene CAS No. 127-18-4, Methylene Chloride CAS No. 7509-02

3. Hazards identification

Physical/Chemical hazards	:	Chlorinated solvents
Human health hazards	:	Causes eye irritation. Must not enter airways. Suspected of causing cancer.

4. First aid measures

Eye contact	:	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention immediately!
Skin contact	:	In case of contact, immediately flush with water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before re-use. Get medical attention.
Inhalation	:	If inhaled, remove to victim fresh air. Apply artificial respiration if not breathing. May cause drowsiness or dizziness. Headache.
Ingestion	:	Immediately rinse mouth with water. I swallowed do not induce vomiting. Give a glass of water. Get immediately medical attention! Risk of aspiration pneumonia.

5. Fire fighting measures

Extinguishing media:

Suitable	:	Water spray, Carbon dioxide or dry chemical powder.
Unusual fire/explosion hazards	:	
Hazardous thermal (de)composition products	:	Fire Hazard, Keep away from heat.
Special fire-fighting procedures	:	Toxic fumes may be released.
Protection of fire-fighters	:	Wear suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

6. Accidental release measures

Personal precautions	:	Ventilate area. Limit access to the necessary cleaning personnel.
Environmental precautions and Clean-up methods	:	Soak up residue with an absorbent such as clay, sand or other material. Dispose of materials or solid residues at an authorized site. Eliminate all sources of ignition if safe to do so. Should be removed by Waste Disposal Company.

7. Handling and storage

Handling	:	Do not ingest. Take necessary action to avoid static electricity discharge. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes.
Storage	:	Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Keep away from oxidizing agents and acids.
Packaging material	:	Use original container.

8. Exposure controls and personal protection

Engineering measures	:	Ensure good ventilation of the work station. Eyewash and Shower in work area.
Hygiene measures	:	Wash hands after use.

Personal protective		
Respiratory system	:	In case of insufficient ventilation wear respiratory equipment.
Skin and body	:	Wear protective clothing.
Hands	:	Gloves
Eyes	:	Goggles



9. Physical and chemical properties

Physical state	:	Liquid
Color	:	Clear
S.G.	:	0.92 – 0.94
Avail. chlorine	:	N/A
Odor	:	Ether like odour
Odor Threshold	:	N/A
Boiling point	:	100°
Melting point	:	N/A
Density	:	N/A
(butyl acetate 1)	:	N/A
Solubility	:	Insoluble in water.
Octanol/water partition	:	N/A
Flash point	:	99°C
Fire hazards in presence of		
Various substances	:	N/A
Auto-ignition temperature		
Explosive properties	:	N/A
Lower explosion limit	:	N/A
Viscosity	:	N/A

10. Stability and reactivity

Stability	:	The product is non-reactive under normal conditions.
Conditions to avoid	:	Keep away from naked flames.
Materials to avoid	:	Water, heat, direct sunlight.
Hazardous decomposition		
Products	:	Releases toxic and corrosive gases on burning.

11. Toxicological information

Skin irritation	:	Not irritant.
Aspiration hazard	:	May be fatal if swallowed and enters airways.
Eye irritation	:	Eye irritant.
Acute toxicity	:	LD 50 5000mg/kg oral rat, 2000 mg/ kg dermal rabbit
Chronic toxicity	:	No data available.

12. Ecological information

Ecotoxicity	:	Toxic to aquatic life with long lasting effects.
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13. Disposal considerations

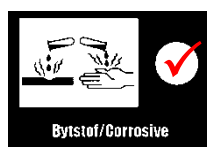
Disposal consideration	:	DO NOT RE-USE CONTAINERS. Puncture all plastic containers. Flatten all metal containers.
Methods of disposal	:	Recover or recycle if possible, otherwise incineration.
Water classification	:	No additional remark.
Hazardous waste	:	Dispose in a safe manner with local authorities.

14. Transport information

Transport hazardous class	:	Toxic UN - No. 1897
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15. Regulatory information

Classification	:	Flammable
Risk Phrases	:	Fire Hazard.
Safety Phrases	:	Eye irritant.



16. Other information

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Ref 02/18 Technical Department