



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

Trade Name	:	<b>Synapol A</b>
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	:	Heavy duty industrial liquid detergent.
Chemicals names	:	Contains Dodecylbenzene Sulphonic Acid CAS No. 27176-87-0, Caustic Soda Flakes, CAS No. 1310-73-2

## 3. Hazards identification

Physical/Chemical hazards	:	If spilled, may cause the floor to be slippery.
Human health hazards	:	Can cause serious eye irritation.

## 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.
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. If not breathing, give artificial Respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.
Ingestion	:	If swallowed do NOT induce vomiting unless directed to do by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

## 5. Fire fighting measures

Extinguishing media:

Suitable	:	Water spray. Dry powder. Foam. Carbon dioxide.
Unusual fire/explosion hazards	:	N/A
Hazardous thermal (de)composition products	:	Toxic fumes may be released.
Special fire-fighting procedures	:	
Protection of fire-fighters	:	Wear complete protective clothing. Self-contained breathing apparatus.

## 6. Accidental release measures

Personal precautions	:	If spilled, causes the floor to be slippery. Wear gloves and safety glasses when handling the product.
Environmental precautions and Clean-up methods	:	Take up liquid spill into absorbent material. Dispose of material at an authorised site.

## 7. Handling and storage

Handling	:	Keep away from heat. Keep away from source of ignition. Do not ingest. Do not breathe gas/fumes/vapor/spray. 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. Avoid all possible sources of ignition (spark of flames).
Packaging material	:	Use original container.

## 8. Exposure controls and personal protection

Engineering measures	:	N/A
Hygiene measures	:	Wash hands after handling compounds and before eating, smoking, using lavatory, and at the end of the day.
Personal protective Respiratory system	:	Wear appropriate respirator when ventilation is inadequate.

Skin and body : Overalls  
 Hands : Gloves  
 Eyes : Splash goggles



## 9. Physical and chemical properties

Physical state : Liquid  
 Color : Light amber  
 S.G. : 1.03  
 pH : 7.0 – 9.0  
 Odor : N/A  
 Odor Threshold : N/A  
 Boiling point : > 90 °C  
 Melting point : N/A  
 Density : N/A  
 (butyl acetate 1) : N/A  
 Solubility : N/A  
 Octanol/water partition : N/A  
 Flash point : N/A  
 Fire hazards in presence of  
 Various substances : N/A  
 Autoignition temperature : N/A  
 Explosive properties : N/A  
 Lower explosion limit : N/A  
 Viscosity : Min. 30 seconds Flow Cup No. 4

## 10. Stability and reactivity

Stability : The product is stable under normal conditions.  
 Conditions to avoid : No dangerous reactions known under normal conditions.  
 Materials to avoid : None under recommended storage.  
 Hazardous decomposition  
 Products : Under normal conditions of storage and use, hazardous products should not be produced.

## 11. Toxicological information

Skin irritation	:	Can cause skin irritation at prolonged use.
Eye irritation	:	Hazardous in case of eye contact (irritant)
Acute toxicity	:	Dodecylbenzene Sulphonic Acid 650/kg (Rat, Literature study)
Chronic toxicity	:	No additional remark.

## 12. Ecological information

Ecotoxicity	:	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
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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	:	The classification of the product may meet the criteria for a hazardous waste.

## 14. Transport information

No transport hazardous classes.

## 15. Regulatory information

Classification	:	Not classified as hazardous.
Risk Phrases	:	Caustic Soda Flakes can cause serious eye damage.
Safety Phrases	:	Wear suitable protective clothing, goggles and gloves.



## 16. Other information

*The information and recommendations presented in this document are to be best of our knowledge and belief accurate and reliable, but do not constitute a warranty. None of our representatives or agents are authorised to give any guarantee or warranty or make any representation in addition or contrary to the above, and we do not accept any liability for claims of any kind for any loss including, without limitation.*

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