


SAFETY DATA SHEET

PRODUCT NAME: SOLVEX

1. PRODUCT AND COMPANY IDENTIFICATION	
Product Name	SOLVEX
Synonyms	n/a
Product Description/ Use	Laundry pre-soak for paint, oil and grease removal.
Manufacturer/ Supplier	Hychem (Pty) Ltd
Physical address	11/13 Silverstone Crescent Kyalami Business Park Midrand
Postal Address	PO Box 5742; Rivonia; 2128
Contact Details	Emergency: 011-466 1885

2. HAZARDS IDENTIFICATION
Classification of the product:
Physical Hazards: Flammable Liquids (Category 4) : Combustible Liquid Serious Eye Damage/ Eye Irritation (Category 2A) : Causes serious eye irritation
Label Elements:
Pictograms:  GHS07 Harmful
Signal Words: Warning
Hazard Statements: H319 Causes serious eye irritation H227 Combustible Liquid
Precautionary Statements: P210 Keep away from heat, hot surface, sparks, open flames and other ignition sources. - No smoking. P264 Wash hands thoroughly after handling. P280 Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. P337+P313 IF eye irritation persists: Get medical advice/attention. P370+P378 In case of fire: Use powder to extinguish. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents/container to legal sites

SAFETY DATA SHEET

PRODUCT NAME: SOLVEX

3. COMPOSITION/ INFORMATION ON INGREDIENTS		
Component	CAS Number	Weight %
Petroleum- Light Aromatic	64742-95-6	75-95%
Phenol Ethoxylates	N/A	<15%

*Exact percentages are being withheld as trade secret information

4. FIRST AID MEASURES	
Inhalation	Keep patient calm, remove to fresh air, seek medical attention.
Skin contact	Immediately wash thoroughly with plenty of water, consult a skin specialist if required.
Eye contact	Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.
Ingestion	Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.
Note to physician	Treat according to symptoms no known specific antidote.

5. FIRE-FIGHTING MEASURE	
Extinguishing media	Use water to keep fire-exposed containers cool. If a leak or spill has not ignited, use water spray to disperse the vapours and to protect personnel attempting to stop the leak. Water spray may be used flush spills away from water exposures. Prevent runoff from fire control or dilution from fire control or dilution from entering streams, sewers or drinking water supply.
Specific Hazards arising from substance or mixture	Material is combustible. Vapour density is heavier than air.
Advice for Fire Fighters	Protective equipment for fire-fighting: Wear a self-contained breathing apparatus.
Further Information	The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. ACCIDENTAL RELEASE MEASURES	
Personal precautions, protective equipment and emergency procedures	Use personal protective clothing. Information regarding personal protective measures see, section 8.

SAFETY DATA SHEET

PRODUCT NAME: SOLVEX

Environmental precautions	Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.
Methods for cleaning up recovery	Small spills: Take up with sand or other non-combustible absorbent material and place into containers for later disposal. Large spills: Dike far ahead of liquid spill for later disposal. Do not flush to sewer or waterways. Prevent release to the environment if possible.
Neutralisation and disposal of spillage	None required.

7. HANDLING AND STORAGE

Observe the usual precautionary measures for handling and storing chemicals

Handling	Do not get in eyes, on skin or on clothing. Do not breathe vapors or mists. Keep container closed. Use only with adequate ventilation. Use good personal hygiene practices. Wash hands before eating, drinking, smoking. Remove contaminated clothing and clean before re-use. Keep away from heat and flame. Keep operating temperatures below ignition temperatures at all times. Use non-sparking tools.
Storage	Store in tightly closed containers in cool, dry, well-ventilated area away from heat, sources of ignition and incompatibles. Ground lines and equipment used during transfer to reduce the possibility of static spark-initiated fire or explosion. Store at ambient or lower temperature. Store out of direct sunlight. Keep containers tightly closed and upright when not in use. Protect against physical damage. Empty containers may contain toxic, flammable and explosive residue or vapours. Do not cut, grind, drill, or weld on or near containers unless precautions are taken against these hazards.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure Limits: Not ascertained, data for individual raw material components available on request

Personal Protective Equipment: Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice. Wash soiled clothing immediately.

SAFETY DATA SHEET

PRODUCT NAME: SOLVEX

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Respiratory protection in case of vapour/aerosol release.

Hand protection:

Chemical resistant protective gloves

Eye protection:

Tightly fitting safety goggles (chemical goggles).

Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Clear Liquid
Colour	Water White
Odour	Not ascertained
PH Value	7.0
Boiling point/ boiling range (°c)	Not ascertained
Flash point (°c)	48°c
Solubility	Soluble in water
Viscosity at 20°c	Not ascertained
Specific gravity at 20°c	0.87+-0.02

10. Stability and reactivity

Stability and possible hazardous reactions	No hazardous reactions if stored and handled as prescribed/indicated.
Conditions/ materials to avoid	Heat, Sparks, flames and build-up of static electricity. Avoid strong oxidisers.
Hazardous decomposition	No decomposition if used and stored in accordance with provisions for use.

11. Toxicological information

*LD 50test on animals available on certain raw materials in product on request

Acute Effects	<p>Eye Contact: Causes serious eye irritation. Symptoms may include pain, redness, and watering.</p> <p>Skin Contact: May be mildly irritating to skin. Symptoms may include redness and/or transient discomfort</p> <p>Inhalation: May be irritating to nose, throat, and respiratory tract. Symptoms may include coughing</p>
---------------	--

SAFETY DATA SHEET

PRODUCT NAME: SOLVEX

	Ingestion: May be irritating to mouth, throat and stomach. Symptoms may include stomach pain and nausea.
Chronic Effects	None known

12. Ecological information	
Toxicity	No information available
Persistence/ Biodegradability	No information available
Mobility in Soil	No information available
Additional Information	N/A

13. Disposal considerations	
Disposal of chemical product	Do not discharge into drains/surface waters/groundwater. Dispose of in accordance with local authority regulations.
Disposal of contaminated packaging	Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorised use of used containers.

14. Transport regulations	
UN Number: 1268 PROPER SHIPPING NAME: COMBUSTIBLE LIQUID N.O.S Hazard Class: Combustible Liquid Packaging Group: III	

15. REGULATORY INFORMATION	
Labeling accordance with SANS 10234 latest revision.	OHS Act, 1993(Act No. 85 of 1993). Hazardous Substance Regulation of 1995
Hazard Statements	H319 Causes serious eye irritation H227 Combustible Liquid
Precautionary Statements	P210 Keep away from heat, hot surface, sparks, open flames and other ignition sources. - No smoking. P264 Wash hands thoroughly after handling. P280 Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. P337+P313 IF eye irritation persists: Get medical advice/attention.

SAFETY DATA SHEET

PRODUCT NAME: SOLVEX

	P370+P378 In case of fire: Use powder to extinguish. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents/container to legal sites
--	---

16. ADDITIONAL INFORMATION (E.G. SPECIAL TRAINING OR RESTRICTIONS ON THE PRODUCTS USE)

Refer to product data sheet for product use directions

The information contained herein is accurate to the best of our knowledge. Hychem (Pty) Ltd makes no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances.