

# SPAK ORGOCHEM (INDIA) PVT LTD

(Govt. Approved Export House)

Head Office : A-2/3, Suman Nagar, Sion-Trombay Road, Chembur, Mumbai - 400 071.  
Tel.: 2529 3450, 2523 0030, 2522 0083 Fax : 2523 3504 Email : spak@mtnl.net.in



## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT AND SUPPLIER IDENTIFICATION

Product Name: SPAK HCO-40  
Synonym: PEG-40 HYDROGENATED CASTOR OIL  
Supplier: SPAK ORGOCHEM (I) PVT. LTD.

### 2. HAZARDS IDENTIFICATION

Potential Health Effects

INHALATION: Negligible unless heated to produce vapors. Vapors or finely misted materials may irritate the mucous membranes.

EYE CONTACT: May cause irritation.

SKIN CONTACT: Does not cause irritation.

INGESTION: No hazards from ingestion incidental to industrial exposure.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Number	% by weight
Hydrogenated castor oil, ethoxylated	61788-85-0	100

### 4. FIRST AID MEASURES

EYES: Irrigate eye with water for 15 to 20 minutes.

SKIN: Wash exposed skin with soap and water.

INHALATION: Remove from area of exposure.

INGESTION: Give one or two glasses of water to drink. Do not induce vomiting. Seek medical attention if symptoms occur.

### 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical, foam, CO2, water spray (fog).

UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

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## 6. ACCIDENTAL RELEASE MEASURES

**SPILL CLEAN-UP PROCEDURES:** Remove sources of ignition, contain spill to smallest area possible. Stop leak if possible. Pick up small spills with absorbent materials such as paper towels, "Oil Dry", sand or dirt. Recover large spills for salvage or disposal. Wash hard surfaces with detergent to remove remaining oil film.

## 7. HANDLING AND STORAGE

Store in closed containers between 50°F and 120°F. Keep away from oxidizing agents, excessive heat, and ignition sources. Store and use in well ventilated areas.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**EXPOSURE LIMITS:** None established by OSHA or ACGIH.

**RESPIRATORY PROTECTION:** Not applicable.

**PROTECTIVE CLOTHING:** Safety glasses, goggles, or face shield recommended to protect eyes from mists or splashing. Chemical resistant gloves are recommended to prevent skin contact.

**OTHER PROTECTIVE MEASURES:** A source of clean water should be available in the work area for flushing eyes and skin.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point, 760mm Hg:	> 200°C
Flash Point:	> 175°C
Specific Gravity, (H2O=1):	1.03
Vapor Pressure, mm Hg:	<1
Vapor Density, (Air=1):	>1
Volatiles, % by Volume:	< 2%
Evaporation Rate, (Butyl Acetate=1):	<1
Solubility in Water, % by Volume:	> 10%
Appearance and Odor:	Yellow liquid with a mild characteristic odor

## 10. STABILITY AND REACTIVITY

**GENERAL:** This product is stable and hazardous polymerization will not occur.

**INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:** Strong oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Combustion produces carbon monoxide, carbon dioxide along with smoke.

## 11. TOXICOLOGICAL INFORMATION:

Oral toxicity  
LD50/rat: > 20,000 mg/kg

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## 12. ECOLOGICAL INFORMATION:

No data available.

## 13. DISPOSAL CONSIDERATIONS

Waste may be disposed of by a licensed waste disposal company. Contaminated absorbent material may be disposed of in an approved land fill. Follow local, state and federal disposal regulations.

## 14. TRANSPORT INFORMATION

As per IATA Rules ( Air Transportation )  
UN No: Not Applicable  
UN Pack group: Not applicable  
UN Class-primary: Not applicable

## 15. REGULATORY INFORMATION

OSHA Status: This material is not hazardous by the OSHA Hazard Communication Standard

(29 CFR 1910.1200).

TSCA STATUS: Listed.

CERCLA (Comprehensive Response Compensation, and Liability Act): Not reportable.

SARA TITLE III (Superfund Amendments and Reauthorization Act)  
Section 312 Extremely Hazardous Substances: None  
Section 311/312 Hazard Categories: Non-hazardous Under Section 311/312  
Section 313 Toxic Chemicals: None

CANADA DSL:	Listed
KOREA ECL:	Listed KE-05137
JAPAN ENCS:	Listed MITI No. 8-603
CHINA IECS	Listed

## 16. OTHER INFORMATION:

NFPA Codes:            Health: 1            Fire: 1            Reactivity: 0

Revision notes: Updated to 16 section format.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.