



MATERIAL SAFETY DATA SHEET

SPECIAL BOILING POINT SOLVENT (SBP)

Revision Number : 00

Revision Date: 00

Issuing Date: 01.01.2014

Section 1 - Chemical Product and Company Identification

Product identifier

Product Name : SBP (SPECIAL BOILING POINT)
Synonyms : Paraffin, Napthenic, Aliphatic Solvent
CAS No. : _
Chemical Formula : _
Product Use : Industrial Solvent
Contact : **PT.Pancasakti Putra Kencana**
Address : Ruko Boulevard Taman Tekno Blok E No.10-11,BSD Sektor XI Serpong,
Tangerang - Indonesia
Website : www.pancasakti.co.id
Email : sales@pancasakti.co.id
For information : Telp: +62-21- 7588 0205(Hunting) , fax:+62-21-7588 0198
Emergency Telephone : +62-21-7588 0205(Hunting)

Section 2 - Composition, Information on Ingredients

Ingredient	CAS#	Conc.% (Weight)
Ligh Petroluem Distilatc	-	>99

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

APPEARANCE/ODOR : Liquid, clear, Hydrocarbon Odor

OSHA HAZARD DETERMINATION : Not Determined

HMIS RATING (UFPA) : Health: 0 ;
Flammability: 3 ;
Reactivity: 0

POTENTIAL HEALTH EFFECTS

Primary Routes of Exposure/Entry : Inhalation

Eye Contact : Liquid contact may cause irritation

Skin Contact : Prolonged contact can cause rednes,irritation of skin (dermatitis)

Inhalation : High vapour concentration may cause headaches, irritation of throat and Eyes and kidney effects. Extreme aspiration inti lungs may cause Pneunonia or death.



Carcinogenicity Information

Carcinogenicity – OSHA : No
Carcinogenicity - IARC : No

TOXICOLOGICAL INFORMATION

This product not been specifically tested. Data for similar products as provided below :

EYE : Primary Eye Irritation Index (Rabbits)
Maximum average score-3.0 after one hour (Maximum score is 11)

SKIN : Primary Skin Irritation Index (Rabbits) : 1.2 (Maximum score is 8.0)
Acute Dermal LD 50 (Rabbits) : 2.0-4.0 g/kg for LPA Solvent

INFLATION : No Toxicity observed in rats exposed for 4 hour to 2 mg/liter

INGESTION : Acute Oral LD 50 (Rat)>5 g/kg

ECOLOGICAL INFORMATION

Ecotoxicological Information: No Date available

Section 4 - First Aid Measures

First Aid :

EYE : Flush eye with plenty of water for at least 15 minutes, if irritation Persist, seek medical attention.

INHALATION : Remove to fresh air. If not breathing, give artificial respiration And seek medical attention immediately.

SKIN CONTACT : Remove contaminant clothing. Wash skin with soap and plenty of Water. Get medical attention if symptoms occur. Wash before reuse.

INGESTION : If swallowed call a physician immediately. Never give anything By mouth to an unconscious person.

Section 5 - Firefighting Measures

Flammable Properties

Flash Point/Method: Flammable

Hazardous Product of Combustion:

Carbon oksida

Fire Extinguishing Media: Water spray, dry chemical.

Fire Fighting Instructions: Cool exposed equipment with water spray until well after fire is out self contained breathing apparatus (SCBA).



Section 6 - Accidental Release Measures

Spill or leak Procedur: Extinguish any flames. Avoid inhaling the vapour of hot products Absorb split liquid with sand, earth or sawdust. Scrape up all material congealed and absorbed and remove it to a safe place for reprocessing or disposal as landfill. Cover the contaminated area with sand.

Section 7 - Handling and Storage

Handling & Storage: Isolate place sources of heat, maintain adequate ventilation.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls
VENTILATION: Air contaminat levels should be controlled below the PEL or TLV for this product Mechanical ventilation may be necessary if Working with this product in enclosed areas.

Personal Protective Equipment :
RESPIRATORY PROTECTION: NIOSH approved organic vapor air purifying respirator, self contained reathing Apparatus or liquid exist. Use full protective clothing and chemical boots.
SKIN PROTECTION :Chemical gloves should be worn to prevent repeated contact. If potential for significant exposure to liquid exits. Use full protective clothing and chemical boots.

EYE PROTECTION : When contact with liquid is possible, us a face and chemical goggles.Otherwise use safety glasses or goggles.

Section 9 - Physical and Chemical Properties

Physical Data
Appearance: Clear, Colorless Liquid
Odor: Mild Petroleum Solvent
Spec. Gravity: 0,710 at 60/60 ° F
Initial Boiling Point: 55 ° C
Final Boiling Point: 120 °

Section 10 - Stability and Reactivity

Corrosivity: No
Chemical Stability: Stable

Keep away from heat and fire. Do not stable in a hot place.
Incompatibility with Other Materials : Strong Oxidizers



Section 11 - Toxicological Information

For the product: LD50 (oral rat) 28710 mg/kg
LD50 (dermal rabbit) 14100 ul/kg
LC50 3400 ppm 4 hr

For hexane: LD50 oral rat) 28710 mg/kg

For Heptane: LC50 (inhalation rat) 103 mg/m³ 4 hr

Carcinogenicity:
Toluene
IARC-GROUP 3: Unclassifiable as to carcinogenic to humans
ACGIH A4: Not classifiable as a Human Carcinogen.

Section 12 - Ecological Information

Environmental hazards: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Biodegradability: no information found

Section 13 - Disposal Considerations

SPECIAL INSTRUCTION : Absorb spill with inert material. And then place in a chemical waste container. For large spill dike for later disposal. Dispose of according to local, state and Federal regulations.
WASTE CLASSIFICATION.

Section 14 - Transport Information

Shipping Information: This product is regulated as a hazardous material according to Departement of Transportation.

SHIPPING NAME: Petroleum distillates

HAZARD CLASS: Flammable Liquid

UN recommendations: UN 1268

Proper shipping name: PETROLEUM DISTILLATES or PETROLEUM PRODUCTS

Class 3

Packing group: II

LABEL: "FLAMMABLE LIQUIDS": 3YE

Sea transport:

IMDG: UN 1268

Class: 3

Proper technical name: PETROLEUM DISTILLATES or PETROLEUM PRODUCTS

Packing group: II

Air transport:

ICAO/IATA: UN 1268

Class: 3

Proper technical name: PETROLEUM DISTILLATES or PETROLEUM PRODUCTS

Packing group: II

Estimated NFPA: H: 2 F: 3 R: 0



Section 15 - Regulatory Information

Labeling in accordance with EC directives

Symbol and indicating of hazard:

F	Highly flammable
Xn	Harmful
N	Dangerous for the environment

R-phrases:

R11:	Highly Flammable
R38:	Irritating to skin.
R48/20:	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R62:	Possible risk of impaired fertility.
R65:	Harmful: may cause lung damage if swallowed.
R67:	Vapors may cause drowsiness and dizziness
R50/53:	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases:

S02:	Keep out of the reach of children.
S09:	Keep container in a well-ventilated place.
S16:	Keep away from sources of ignition - No smoking.
S29:	Do not empty into drains.
S33:	Take precautionary measures against static discharges.
S36/37:	Wear suitable protective clothing and gloves.
S61:	Avoid release to the environment. Refer to special instructions/Safety data sheets.
S62:	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Section 16 - Additional Information

Full text of R-phrases appearing in section 2:

R11:	Flammable.
R12:	Extremely flammable.
R38:	Irritating to skin.
R48/20:	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R50/53:	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53:	Toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment.
R62:	Possible risk of impaired fertility.
R63:	Possible risk of harm to the unborn child.
R65:	Harmful: may cause lung damage if swallowed.
R66:	Repeated exposure may cause skin dryness or cracking.
R67:	Vapors may cause drowsiness and dizziness

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall PT.Pancasakti Putera Kencana be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if PT.Pancasakti Putera Kencana has been advised of the possibility of such damages.