1. IDENTIFICATION

Product identifier

Product code: P1045
Product Name: PETROLEUM ETHER, B.R. 35 DEG -60 DEG C, REAGENT, ACS

Other means of identification

Synonyms: Benzin (light petroleum distillate)
Canadol
Ligroin
Painters naphtha
Refined solvent naphtha

CAS #: 8032-32-4
RTECS #: Ol6180000
CI#: Not available

Recommended use of the chemical and restrictions on use

Recommended use: Solvent.
Uses advised against: No information available

Supplier:
Spectrum Chemical Mfg. Corp
14422 South San Pedro St.
Gardena, CA  90248
(310) 516-8000

Order Online At:  https://www.spectrumchemical.com
Emergency telephone number: Chemtrec 1-800-424-9300
Contact Person: Tom Tyner (USA - West Coast)
Contact Person: Ibad Tirmiz (USA - East Coast)

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Considered a dangerous substance or mixture according to the Globally Harmonized System (GHS)

<table>
<thead>
<tr>
<th>Toxicity Type</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - Inhalation (Gases)</td>
<td>Category 4</td>
</tr>
<tr>
<td>Acute toxicity - Inhalation (Vapors)</td>
<td>Category 4</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 2A</td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>Category 3</td>
</tr>
<tr>
<td>Specific target organ toxicity (repeated exposure)</td>
<td>Category 2</td>
</tr>
<tr>
<td>Aspiration toxicity</td>
<td>Category 1</td>
</tr>
<tr>
<td>Flammable liquids</td>
<td>Category 2</td>
</tr>
</tbody>
</table>
Label elements

Danger

Hazard statements
Harmful if inhaled
Causes skin irritation
Causes serious eye irritation
May cause drowsiness or dizziness
May cause damage to organs through prolonged or repeated exposure
May be fatal if swallowed and enters airways
Highly flammable liquid and vapor

Hazards not otherwise classified (HNOC)
Not Applicable

Other hazards
Not available

Precautionary Statements - Prevention
Use only outdoors or in a well-ventilated area
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Do not breathe dust/fume/gas/mist/vapors/spray
Keep away from heat/sparks/open flames/hot surfaces. — No smoking
Keep container tightly closed
Ground container and receiving equipment
Use explosion-proof equipment
Use only non-sparking tools
Take precautionary measures against static discharge
Keep cool

Precautionary Statements - Response
*Get medical attention if you feel unwell*

In case of fire: Use CO2, dry chemical, or foam to extinguish.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
If skin irritation occurs: Get medical attention
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water
Wash contaminated clothing before reuse
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or physician if you feel unwell.
IF SWALLOWED: Immediately call a POISON CENTER or physician
Do NOT induce vomiting

Precautionary Statements - Storage
Store locked up
Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal
Dispose of contents and container to an approved waste disposal plant in accordance with local, regional, national and international regulations as applicable

Product code: P1045
Product name: PETROLEUM ETHER, B.R. 35 DEG -60 DEG C, REAGENT, ACS
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Ether</td>
<td>8032-32-4</td>
<td>100</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

First aid measures

**General Advice:**
National Capital Poison Center in the United States can provide assistance if you have a poison emergency and need to talk to a poison specialist. Call 1-800-222-1222.

**Skin Contact:**
Wash off immediately with soap and plenty of water removing all contaminated clothing and shoes. Get medical attention. If skin irritation persists, call a physician.

**Eye Contact:**
Flush eyes with water for 15 minutes. Get medical attention.

**Inhalation:**
Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.

**Ingestion:**
Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician if necessary.

Most important symptoms and effects, both acute and delayed

**Symptoms**
- Irritating to eyes and skin
- Central nervous system effects
- May cause headache
- Drowsiness
- Narcosis
- Inhalation of vapors may cause dizziness or suffocation
- Aspiration hazard if swallowed - can enter the lungs and cause damage
- May cause nausea, headache, vomiting
- May cause diarrhea

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician:**
Treat symptomatically.

Protection of first-aiders
First-Aid Providers: Avoid exposure to blood or body fluids. Wear gloves and other necessary protective clothing. Dispose of contaminated clothing and equipment as bio-hazardous waste.

5. FIRE-FIGHTING MEASURES

**Extinguishing Media**

**Suitable Extinguishing Media:**
Carbon dioxide (CO2). Dry chemical. Water spray mist or foam.

**Unsuitable Extinguishing Media:**
Do not use a solid (straight) water stream as it may scatter and spread fire.

Specific hazards arising from the chemical

**Hazardous combustion products**
Carbon Monoxide, Carbon Dioxide.

Product code: P1045  Product name: PETROLEUM ETHER, B.R. 35 DEG -60 DEG C, REAGENT, ACS
Specific hazards

Extremely flammable. May be ignited by heat, sparks or flames. Container explosion may occur under fire conditions or when heated. Vapor may travel considerable distance to source of ignition and flash back. Vapors may form explosive mixtures with air. Most vapors are heavier than air. They will spread along the ground and collect in low or confined areas (sewers, basements, tanks). Fire may produce irritating, corrosive and/or toxic gases.

Special Protective Actions for Firefighters

Specific Methods: No information available

Special Protective Equipment for Firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions: Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid contact with skin, eyes and clothing. Use personal protective equipment. Remove all sources of ignition. Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use spark-proof tools and explosion-proof equipment. In case of large spill, water spray or vapor suppressing foam may be used to reduce vapors, but may not prevent ignition in closed spaces.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not let this chemical enter the environment. Prevent entry into waterways, sewers, basements or confined areas.

Methods and material for containment and cleaning up

Methods for containment: Stop leak if you can do it without risk. Absorb spill with inert material (e.g. vermiculite, dry sand or earth). In case of large spill, dike if needed. Dike far ahead of liquid spill for later disposal.

Methods for cleaning up: Use appropriate tools to put the spilled material in a suitable chemical waste disposal container. Use only non-sparking tools. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Precautions for safe handling

Technical Measures/Precautions:
Provide sufficient air exchange and/or exhaust in work rooms. Remove all sources of ignition. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from incompatible materials.

Safe Handling Advice:
Wear personal protective equipment. Use only in well-ventilated areas. Avoid contact with skin, eyes and clothing. Keep away from heat and sources of ignition. Take precautionary measures against static discharges. Do not breathe vapors or spray mist. Do not ingest. When using do not smoke. Handle in accordance with good industrial hygiene and safety practice.
Technical Measures/Storage Conditions:
Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container. Keep away from heat and sources of ignition. Store in a segregated and approved area. Store away from incompatible materials.

Incompatible Materials:
Oxidizing agents

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

National occupational exposure limits

United States

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No</th>
<th>OSHA</th>
<th>NIOSH</th>
<th>ACGIH</th>
<th>AIHA WEEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Ether</td>
<td>8032-32-4</td>
<td>None</td>
<td>350 mg/m³ TWA 1800 mg/m³ Ceiling 15 min</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

Canada

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No</th>
<th>Canada - Alberta</th>
<th>Canada - British Columbia</th>
<th>Canada - Ontario</th>
<th>Canada - Quebec</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Ether</td>
<td>8032-32-4</td>
<td>300 ppm TWA 1400 mg/m³ TWA</td>
<td>None</td>
<td>None</td>
<td>None</td>
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</table>

Australia and Mexico

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No</th>
<th>Australia</th>
<th>Mexico</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Ether</td>
<td>8032-32-4</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

Appropriate engineering controls

Engineering measures to reduce exposure: Ensure adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors and mist below their respective threshold limit value.

Individual protection measures, such as personal protective equipment

Personal Protective Equipment

Eye protection: Goggles
Skin and body protection: Chemical resistant apron, Long sleeved clothing, Gloves
Respiratory protection: Vapor respirator. Be sure to use an approved/certified respirator or equivalent.
Hygiene measures: Avoid contact with skin, eyes and clothing. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product.
## 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state:</td>
<td>Liquid</td>
</tr>
<tr>
<td>Molecular/Formula weight (g/mole):</td>
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</tr>
<tr>
<td>Flammability (solid, gas):</td>
<td>no data available</td>
</tr>
<tr>
<td>Flashpoint (°C/°F):</td>
<td>&lt; -18 °C/ &lt; 0 °F</td>
</tr>
<tr>
<td>Lower Explosion Limit (%):</td>
<td>1.1%</td>
</tr>
<tr>
<td>Decomposition temperature(°C/°F):</td>
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</tr>
<tr>
<td>Densities (g/cm3):</td>
<td>No information available</td>
</tr>
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<td>Vapor pressure @ 20°C (kPa):</td>
<td>5.3</td>
</tr>
<tr>
<td>VOC content (g/L):</td>
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</tr>
<tr>
<td>Viscosity:</td>
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</tr>
<tr>
<td>Miscibility:</td>
<td>Immiscible with water</td>
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<tr>
<td>Miscibility:</td>
<td>Miscible with alcohol</td>
</tr>
<tr>
<td>Miscibility:</td>
<td>Miscible with Chloroform</td>
</tr>
<tr>
<td>Miscibility:</td>
<td>Miscible with Ether</td>
</tr>
<tr>
<td>Miscibility:</td>
<td>Miscible with Benzene</td>
</tr>
<tr>
<td>Miscibility:</td>
<td>Miscible with Carbon tetrachloride</td>
</tr>
<tr>
<td>Miscibility:</td>
<td>Miscible with Carbon disulfide</td>
</tr>
<tr>
<td>Miscibility:</td>
<td>Miscible with oils, except castor oil</td>
</tr>
<tr>
<td>Physical state:</td>
<td>Liquid</td>
</tr>
<tr>
<td>Molecular/Formula weight (g/mole):</td>
<td>No information available</td>
</tr>
<tr>
<td>Flammability (solid, gas):</td>
<td>no data available</td>
</tr>
<tr>
<td>Flashpoint (°C/°F):</td>
<td>&lt; -18 °C/ &lt; 0 °F</td>
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<td>Lower Explosion Limit (%):</td>
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<td>Vapor pressure @ 20°C (kPa):</td>
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<td>Viscosity:</td>
<td>No information available</td>
</tr>
<tr>
<td>Miscibility:</td>
<td>Immiscible with water</td>
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<td>Miscibility:</td>
<td>Miscible with alcohol</td>
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<tr>
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<td>Miscible with Carbon disulfide</td>
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<tr>
<td>Miscibility:</td>
<td>Miscible with oils, except castor oil</td>
</tr>
</tbody>
</table>

## 10. STABILITY AND REACTIVITY

### Reactivity
- Reactive with oxidizing agents

### Chemical stability
- Stability: Stable under recommended storage conditions.
- Possibility of Hazardous Reactions: Hazardous polymerization does not occur
- Incompatible Materials: Oxidizing agents
Special Remarks on Corrosivity: No information available

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Principal Routes of Exposure:
Ingestion. Skin. Inhalation.

Acute Toxicity

Component Information

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Ether</td>
<td>8032-32-4</td>
</tr>
</tbody>
</table>

LD50/oral/rat = No information available
LD50/oral/mouse = No information available
LD50/dermal/rabbit = No information available
LD50/dermal/rat = No information available
LC50/inhalation/rat = 3400 ppm Inhalation LC50 Rat 4 h
LC50/inhalation/mouse = No information available
Other LD50 or LC50 information = No information available

Product Information

LD50/oral/rat =
Value - Acute Toxicity = No information available

LD50/oral/mouse =
Value - Acute Tox = No information available

LD50/dermal/rabbit
Value - Acute Toxicity = No information available

LD50/dermal/rat
VALUE - Acute Tox = No information available

LC50/inhalation/rat
VALUE-Vapor = No information available
VALUE-Gas = 3400 ppm (4-hr)
VALUE-Dust/Mist = No information available

LC50/Inhalation/mouse
VALUE-Vapor = No information available
VALUE - Gas = No information available
VALUE - Dust/Mist = No information available

Symptoms

Skin Contact: Causes skin irritation.
Eye Contact: Causes eye irritation.

Inhalation May cause irritation of respiratory tract. Can cause dyspnea (shortness of breath and difficulty breathing). It may affect behavior/central nervous system (ataxia, general anesthetic, drowsiness). Inhalation of high concentrations of vapor may cause anesthetic effects. Inhalation of high concentrations of vapors may cause dizziness or suffocation. It may affect behavior/central nervous system (convulsions/seizures). It may affect behavior/central nervous system (euphoria, central nervous system depression - headache, vertigo, fatigue, lethargy, poor concentration, symptoms of intoxication, impaired memory, loss of coordination and judgement, unconsciousness, coma).

Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Ingestion may cause coughing, choking, gagging. Aspiration hazard if swallowed. Aspiration into the lungs can cause chemical pneumonitis. Aspiration may lead to pulmonary edema. It may cause central nervous system depression. May cause central nervous system effects similar to those of inhalation.

Aspiration hazard Aspiration hazard. May be fatal if swallowed and enters airways.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Chronic Toxicity Prolonged or repeated inhalation may cause loss of appetite. Prolonged or repeated inhalation may affect the peripheral nervous system (weakness, peripheral neuropathy with paresthesia - a tingling, pricking, or numbness of the skin (known as the feeling of "pins and needles) generally of the hands and feet (extremities)). Prolonged or repeated inhalation may affect the kidneys. Prolonged or repeated skin contact may cause dermatitis and defatting, dryness, and cracking of the skin. Prolonged or repeated inhalation may cause impairment of motor action.

Sensitization: No information available.

Mutagenic Effects: No information available

Carcinogenic Effects: Not classifiable as to its carcinogenicity to humans.

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No</th>
<th>IARC</th>
<th>ACGIH - Carcinogens</th>
<th>NTP</th>
<th>OSHA HCS - Carcinogens</th>
<th>Australia - Notifiable Carcinogenic Substances</th>
<th>Australia - Prohibited Carcinogenic Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Ether</td>
<td>8032-32-4</td>
<td>Group 3 (listed under petroleum solvents)</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
</tbody>
</table>

**ACGIH (American Conference of Governmental Industrial Hygienists)**

**IARC (International Agency for Research on Cancer)**

**NTP (National Toxicology Program)**

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

Reproductive toxicity No data is available

Reproductive Effects: No information available

Product code: P1045

Product name: PETROLEUM ETHER, B.R. 35 DEG -60 DEG C, REAGENT, ACS
Developmental Effects: No information available
Teratogenic Effects: According to the Registry of Toxic Effects of Chemical Substances (RTECS):
May cause birth defects (teratogenic effects) based on animal test data
It has not been shown to cause teratogenic effects in humans

Specific Target Organ Toxicity

<table>
<thead>
<tr>
<th>STOT - single exposure</th>
<th>STOT - repeated exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>central nervous system.</td>
<td>May cause damage to organs through prolonged or repeated exposure.</td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

Ecotoxicity

*Petroleum Ether - 8032-32-4*
Algae/aquatic plants: EC50: =4700mg/L (72h, Pseudokirchneriella subcapitata)

*Persistence and degradability:* No information available

*Bioaccumulative potential:* No information available.

*Mobility in soil:* No information available

*Other adverse effects:* No information available.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

**Waste from residues / unused products:**
Waste must be disposed of in accordance with Federal, State and Local regulation.

**Contaminated packaging:**
Empty containers should be taken for local recycling, recovery or waste disposal

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Ether</td>
<td>8032-32-4</td>
<td>None</td>
<td>None</td>
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<td>None</td>
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14. TRANSPORT INFORMATION

**DOT**

<table>
<thead>
<tr>
<th>UN-No:</th>
<th>Not Regulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper Shipping Name:</td>
<td>Petroleum distillates, n.o.s. (ligroin)</td>
</tr>
<tr>
<td>Hazard Class:</td>
<td>3</td>
</tr>
<tr>
<td>Subsidiary Class:</td>
<td>No information available</td>
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<tr>
<td>Packing group:</td>
<td>No information available</td>
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<tr>
<td>Emergency Response Guide Number:</td>
<td>No information available</td>
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<tr>
<td>Marine Pollutant:</td>
<td>No data available</td>
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<tr>
<td>DOT RQ (lbs):</td>
<td>No information available</td>
</tr>
<tr>
<td>Special Provisions:</td>
<td>No Information available</td>
</tr>
<tr>
<td>Symbol(s):</td>
<td>No information available</td>
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</table>

**Product code:** P1045  **Product name:** PETROLEUM ETHER, B.R. 35 DEG -60 DEG C, REAGENT, ACS
Description: UN1268, Petroleum distillates, n.o.s., 3, PG II

TDG (Canada)
UN-No: UN1268
Proper Shipping Name: Petroleum distillates, n.o.s. (mineral spirits)
Hazard Class: 3
Subsidiary Risk: No information available
Packing Group: II
Marine Pollutant: No information available
Description: PETROLEUM DISTILLATES, N.O.S., 3, UN1268, PG II

ADR
UN Number: UN1268
Proper Shipping Name: Petroleum distillates, n.o.s. (mineral spirits)
Transport hazard class(es): 3
Packing group: II
Subsidiary Risk: No information available
Description: UN1268 Petroleum distillates, n.o.s., 3, II

IMDG
UN-No: UN1268
Proper Shipping Name: Petroleum distillates, n.o.s. (mineral spirits)
Hazard Class: 3
Subsidiary Risk: No information available
Packing Group: II
Marine Pollutant: No information available
EMS: F-E

RID
UN Number: UN1268
Proper Shipping Name: Petroleum distillates, n.o.s. (mineral spirits)
Transport hazard class(es): 3
Subsidiary Risk: 3
Packing group: II
Description: UN1268 Petroleum distillates, n.o.s., 3, II, RID

ICAO (air)
UN-No: UN1268
Proper Shipping Name: Petroleum products, n.o.s.
Hazard Class: 3
Subsidiary Risk: No information available
Packing Group: II
Description: Petroleum products, n.o.s., 3, UN1268, PG II

IATA
UN Number: UN1268
Proper Shipping Name: Petroleum products, n.o.s.
Transport hazard class(es): 3
Subsidiary Risk: No information available
Packing group: II
Precautionary Statements - Response: 3H
Special Provisions: No information available
Description: UN1268, Petroleum products, n.o.s., 3, PG II

15. REGULATORY INFORMATION

Product code: P1045
Product name: PETROLEUM ETHER, B.R. 35 DEG -60 DEG C, REAGENT, ACS
International Inventories

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No</th>
<th>U.S. TSCA</th>
<th>KOREA KECL (PICCS)</th>
<th>Philippines (PICCS)</th>
<th>Japan ENCS</th>
<th>China IECSC</th>
<th>Australia (AICS)</th>
<th>EINECS-No.</th>
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<tbody>
<tr>
<td>Petroleum Ether</td>
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<td>Present ACTIV E</td>
<td>Present KE-21994</td>
<td>Present</td>
<td>Not present</td>
<td>Present</td>
<td>Present</td>
<td>232-453-7</td>
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</tbody>
</table>

U.S. Regulations

**Petroleum Ether**
- **Massachusetts RTK**: Present
- **New Jersey RTK Hazardous Substance List**: 0206
- **Pennsylvania RTK**: Present
- **Minnesota - Hazardous Substance List**: Present


**Chemicals Known to the State of California to Cause Cancer:**
This product does not contain a chemical requiring a warning under California Prop. 65. (See table below)

**Chemicals Known to the State of California to Cause Reproductive Toxicity:**
This product does not contain a chemical requiring a warning under California Prop. 65. (See table below)

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No</th>
<th>Carcinogen</th>
<th>Developmental Toxicity</th>
<th>Male Reproductive Toxicity</th>
<th>Female Reproductive Toxicity</th>
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<tbody>
<tr>
<td>Petroleum Ether</td>
<td>8032-32-4</td>
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<td>Not Listed</td>
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</tbody>
</table>

CERCLA/SARA

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No</th>
<th>CERCLA - Hazardous Substances and their Reportable Quantities</th>
<th>Section 302 Extremely Hazardous Substances and TPQs</th>
<th>Section 302 Extremely Hazardous Substances and RQs</th>
<th>Section 313 - Chemical Category</th>
<th>Section 313 - Reporting de minimis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Ether</td>
<td>8032-32-4</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

U.S. TSCA

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No</th>
<th>TSCA Section 5(a)(2) - Chemicals With Significant New Use Rules (SNURS)</th>
<th>TSCA 8(d) - Health and Safety Reporting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Ether</td>
<td>8032-32-4</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

Canada

**WHIMIS 2015 - GHS Classifications**

**WHIMIS 2015 Hazard Classification Information:**

Component

**Petroleum Ether**
8032-32-4 ( 100 )

**WHIMIS 2015 Hazard Classification**
Flammable liquids - Category 2: H225 Highly flammable liquid and vapour.; Acute toxicity - Inhalation - Category 4: H332 Harmful if inhaled.; Aspiration hazard - Category 1: H304 May be fatal if swallowed and enters airways.

**Canada Hazardous Products Regulation**
This product has been classified according to the hazard criteria of the HPR (Hazardous Products Regulation) and the SDS contains all of the information required by the HPR

**Product code:** P1045
**Product name:** PETROLEUM ETHER, B.R. 35 DEG -60 DEG C, REAGENT, ACS
### DSL/NDSL

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No</th>
<th>Canada (DSL)</th>
<th>Canada (NDSL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Ether</td>
<td>8032-32-4</td>
<td>Present</td>
<td>Not Listed</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Ether</td>
<td>8032-32-4</td>
<td>Germ cell mutagenicity - Muta. 1B: H340 May cause genetic defects.; Carcinogenicity - Carc. 1B: H330 May cause cancer.; Aspiration hazard - Asp. Tox. 1: H304 May be fatal if swallowed and enters airways.649-263-00-9</td>
</tr>
</tbody>
</table>

### EU Classification

**EU GHS - SV - CLP 1272/2008**

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No</th>
<th>EU GHS - SV - CLP (1272/2008)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Ether</td>
<td>8032-32-4</td>
<td>Germ cell mutagenicity - Muta. 1B: H340 May cause genetic defects.; Carcinogenicity - Carc. 1B: H330 May cause cancer.; Aspiration hazard - Asp. Tox. 1: H304 May be fatal if swallowed and enters airways.649-263-00-9</td>
</tr>
</tbody>
</table>

**EU - CLP (1272/2008)**

**R-phrase(s)**
- R45 - May cause cancer
- R46 - May cause heritable genetic damage
- R65 - Also harmful: may cause lung damage if swallowed

**S-phrase(s)**
- S53 - Avoid exposure - obtain special instructions before use
- S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No</th>
<th>Classification</th>
<th>Concentration Limits:</th>
<th>Safety Phrases</th>
</tr>
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<tbody>
<tr>
<td>Petroleum Ether</td>
<td>8032-32-4</td>
<td>Carc.Cat.2; R45 Muta.Cat.2; R46 Xn; R65</td>
<td>No information</td>
<td></td>
</tr>
</tbody>
</table>

The product is classified in accordance with Annex VI to Directive 67/548/EEC

**Indication of danger:**
- Xn - Harmful
- T - Toxic

### 16. OTHER INFORMATION

**Product code:** P1045  
**Product name:** PETROLEUM ETHER, B.R. 35 DEG -60 DEG C, REAGENT, ACS
Disclaimer: All chemicals may pose unknown hazards and should be used with caution. This Safety Data Sheet (SDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this SDS. The physical properties reported in this SDS are obtained from the literature and do not constitute product specifications. Information contained herein does not constitute a warranty, whether expressed or implied, as to the safety, merchantability or fitness of the goods for a particular purpose. Spectrum Chemicals & Laboratory Products, Inc. assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this SDS is based on technical data judged to be reliable, Spectrum assumes no responsibility for the completeness or accuracy of the information contained herein.

End of Safety Data Sheet