1 Identification

- Product identifier
  - Trade name: Pentosin ATF 5
- Other means of identification: No other identifiers
- Recommended use and restriction on use
  - Recommended use: Transmission fluid
  - Restrictions on use: No relevant information available.
- Details of the supplier of the Safety Data Sheet
  - Manufacturer/Supplier: CRP Industries
    35 Commerce Dr.
    Cranbury, NJ 08512
    (609) 578-4100
    info@crpindustries.com
  - Emergency telephone number:
    ChemTel Inc.
    (800)255-3924 (North America)
    +1 (813)248-0585 (International)

2 Hazard(s) identification

- Classification of the substance or mixture
  - The product is not classified as hazardous according to the Globally Harmonized System (GHS).
- Label elements
  - GHS label elements Not regulated.
  - Hazard pictograms: None.
  - Signal word: None
  - Hazard statements: None.
  - Precautionary statements: None.

3 Composition/information on ingredients

- Chemical characterization: Mixtures
  - Components:
    | 64742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic | 50-100% |
    | Methacrylate colpolymer | 1-5% |
  - Additional information: For the wording of the listed Hazard Statements, refer to section 16.

4 First-aid measures

- Description of first aid measures
  - After inhalation: Supply fresh air; consult doctor in case of complaints.
  - After skin contact:
    Immediately wash with water and soap and rinse thoroughly.
    If skin irritation continues, consult a doctor.

(Cont'd. on page 2)
**Trade name:** Pentosin ATF 5

- **After eye contact:**
  Remove contact lenses if worn.
  Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
  Rinse out mouth and then drink plenty of water.
  Do not induce vomiting; immediately call for medical help.
- **Most important symptoms and effects, both acute and delayed:**
  Gastric or intestinal disorders when ingested.
- **Indication of any immediate medical attention and special treatment needed:**
  No relevant information available.

## 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
  Foam
  Fire-extinguishing powder
  Carbon dioxide
  Gaseous extinguishing agents
- **For safety reasons unsuitable extinguishing agents:** Water
- **Special hazards arising from the substance or mixture** No relevant information available.
- **Advice for firefighters**
- **Protective equipment:**
  Wear self-contained respiratory protective device.
  Wear fully protective suit.

## 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
  Ensure adequate ventilation.
  Wear protective equipment. Keep unprotected persons away.
  Particular danger of slipping on leaked/spilled product.
- **Environmental precautions** Do not allow to enter sewers/surface or ground water.
- **Methods and material for containment and cleaning up**
  Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
  Send for recovery or disposal in suitable receptacles.
- **Reference to other sections**
  See Section 7 for information on safe handling.
  See Section 8 for information on personal protection equipment.
  See Section 13 for disposal information.

## 7 Handling and storage

- **Handling**
- **Precautions for safe handling:**
  Prevent formation of aerosols.
  Avoid the formation of oil haze.

(Cont'd. on page 3)
8 Exposure controls/personal protection

· Control parameters
· Components with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
· Exposure controls
· General protective and hygienic measures: No relevant information available.
· Engineering controls: Provide adequate ventilation.
· Breathing equipment:
Not required under normal conditions of use.
Use suitable respiratory protective device when aerosol or mist is formed.
· Protection of hands:
Gloves not required under normal conditions of use.
Wear protective gloves to handle contents of damaged or leaking units.
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
· Eye protection:

Safety glasses

Follow relevant national guidelines concerning the use of protective eyewear.
· Body protection: Oil resistant protective clothing
· Limitation and supervision of exposure into the environment No special requirements.
· Risk management measures No special requirements.

9 Physical and chemical properties

· Information on basic physical and chemical properties
· Appearance:
  Form: Liquid
  Color: Amber colored
  Odor: Characteristic
  Odor threshold: Not determined.
· pH-value: Not determined.
· Melting point/Melting range: Not determined.
· Boiling point/Boiling range: Not determined.
· Flash point: 190 °C (374 °F)

(Cont'd. on page 4)
Trade name: Pentosin ATF 5

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability (solid, gaseous):</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Auto-ignition temperature:</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Decomposition temperature:</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Danger of explosion:</td>
<td>Product does not present an explosion hazard.</td>
</tr>
<tr>
<td>Explosion limits</td>
<td></td>
</tr>
<tr>
<td>Lower</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Upper</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>Non-oxidizing.</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Density:</td>
<td></td>
</tr>
<tr>
<td>Relative density</td>
<td>0.86</td>
</tr>
<tr>
<td>Vapor density</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Solubility in / Miscibility with Water:</td>
<td>Insoluble.</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water):</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Viscosity:</td>
<td></td>
</tr>
<tr>
<td>Dynamic:</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Kinematic at 40 °C (104 °F):</td>
<td>35.9 mm²/s</td>
</tr>
<tr>
<td>Other information</td>
<td>No relevant information available.</td>
</tr>
</tbody>
</table>

10 Stability and reactivity

- **Reactivity**: No relevant information available.
- **Chemical stability**:
  - **Thermal decomposition / conditions to be avoided**: No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions**
  Reacts with strong oxidizing agents. Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomized. Toxic fumes may be released if heated above the decomposition point.
- **Conditions to avoid** No relevant information available.
- **Incompatible materials** No relevant information available.
- **Hazardous decomposition products**
  Possible in traces. Carbon monoxide and carbon dioxide

11 Toxicological information

- **Information on toxicological effects**
  - **Acute toxicity**: Based on available data, the classification criteria are not met.
  - **LD/LC50 values that are relevant for classification**: None.
Trade name: Pentosin ATF 5

- Primary irritant effect:
  - On the skin: No irritant effect.
  - On the eye: Based on available data, the classification criteria are not met.
  - Sensitization: No sensitizing effects known.

| IARC (International Agency for Research on Cancer): |
| None of the ingredients are listed. |
| NTP (National Toxicology Program): |
| None of the ingredients are listed. |
| OSHA-Ca (Occupational Safety & Health Administration): |
| None of the ingredients are listed. |

- Probable route(s) of exposure:
  - Ingestion.
  - Inhalation.
  - Eye contact.
  - Skin contact.

- Germ cell mutagenicity: Based on available data, the classification criteria are not met.
- Carcinogenicity: Based on available data, the classification criteria are not met.
- Reproductive toxicity: Based on available data, the classification criteria are not met.
- STOT-single exposure: Based on available data, the classification criteria are not met.
- STOT-repeated exposure: Based on available data, the classification criteria are not met.
- Aspiration hazard: Based on available data, the classification criteria are not met.

12 Ecological information

- Toxicity
  - Aquatic toxicity No relevant information available.
  - Persistence and degradability Not easily biodegradable
  - Bioaccumulative potential: No relevant information available.
  - Mobility in soil: No relevant information available.

- Additional ecological information
  - General notes:
    Do not allow product to reach ground water, water course or sewage system, even in small quantities.
    Avoid transfer into the environment.
    Due to available data on eliminability/ decomposition and bioaccumulation potential prolonged term damage of the environment can not be excluded.
  - Other adverse effects No relevant information available.

13 Disposal considerations

- Waste treatment methods
  - Recommendation:
    Product is recyclable as a waste oil. Deliver unused and/or contaminated product to waste oil collectors.
    The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

- Uncleaned packagings
14 Transport information

- UN-Number
  - DOT, ADR/RID/ADN, IMDG, IATA: Not regulated.

- UN proper shipping name
  - DOT, ADR/RID/ADN, IMDG, IATA: Not regulated.

- Transport hazard class(es)
  - DOT, ADR/RID/ADN, IMDG, IATA: Not regulated.

- Packing group
  - DOT, ADR/RID/ADN, IMDG, IATA: Not regulated.

- Environmental hazards
  - Marine pollutant: No

- Special precautions for user
  - Not applicable.

- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
  - Not applicable.

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
  - United States (USA)
    - SARA
      - Section 302 (extremely hazardous substances):
        - None of the ingredients are listed.
      - Section 355 (extremely hazardous substances):
        - None of the ingredients are listed.
      - Section 313 (Specific toxic chemical listings):
        - None of the ingredients are listed.
  - TSCA (Toxic Substances Control Act)
    - All ingredients are listed or exempt.

- Proposition 65 (California)
  - Chemicals known to cause cancer:
    - None of the ingredients are listed.
  - Chemicals known to cause developmental toxicity for females:
    - None of the ingredients are listed.
  - Chemicals known to cause developmental toxicity for males:
    - None of the ingredients are listed.
16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Abbreviations and acronyms:**
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
OSHA: Occupational Safety & Health Administration
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

**Sources**
Website, European Chemicals Agency (echa.europa.eu)
Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/overview/home.do)
Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)
Safety Data Sheets, Individual Manufacturers

SDS Prepared by:
ChemTel Inc.
1305 North Florida Avenue
Tampa, Florida USA 33602-2902
Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573
Website: www.chemtelinc.com